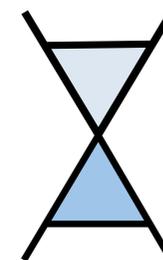




Top-100 Journalists Covering Advanced Biomedicine and Longevity



**AGING
ANALYTICS
AGENCY**

www.aginganalytics.com

Top-100 Journalists

Covering Advanced Biomedicine and Longevity

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Overview

This report provides a detailed overview of the Global Longevity Journalism landscape. It features advanced infographics and profiles of the top journalists covering the topic of Longevity around the world.

Our consortium has produced several in-depth reports on both the Longevity science landscape and the Longevity industry over the past year. This report is focused on the Longevity media and journalism ecosystem. Our objective is to show how the Longevity industry is represented by the world's top media, and how this influences the public's perception..

Longevity is a formidable and complex industry at the intersection of many technologies. It's a notoriously difficult subject to portray realistically and objectively. The topic of Longevity is usually portrayed either as a scientifically unjustified fantasy to do with cure-all magic pills that cure aging in one fell swoop, when in fact it is neither.

There has been an increasing number of objective, conservative, clear portraits of the industry in the world's top media, and an overall increase in coverage by highly-reputable media outlets like TIME, The Economist, Bloomberg, Financial Times and others.

The purpose of this report is to portray the complex Longevity media landscape using in-depth analysis of trends and topics, and comprehensive infographics that allow the entire ecosystem to be viewed in a single glance.

In the slides that follow, we present several global landscape overview infographics, followed by a summary of the report's main insights and coverage of the Longevity media sphere's most dominant trends, followed by in-depth profiles of over 100 journalists who have covered the topic of Longevity.

Media Entities
Covering Longevity and
Advanced Biomedicine

AI

Finance

Media Entities - 60

SingularityHub

Forbes

R&D

MD
thejapan times

THE GLOBE AND MAIL*

Benefits CANADA The Boston Globe

Forbes IBD

FT FINANCIAL TIMES

TheStreet

Bloomberg

Forbes

WSJ

Chicago Tribune

AgeTech

Media
Entities

POPULAR
SCIENCE

WIRED

mHealth Intelligence

Aging & Society

CNN

Newsweek

TheStreet The Guardian

THE STRAITS TIMES

THE WALL STREET JOURNAL THE CONVERSATION
WSJ thejapan times

TOPIC HUFFPOST FT FINANCIAL TIMES

MIT Technology Review THE SUNDAY TIMES Forbes NATIONAL REVIEW
BUSINESS INSIDER WIRED

Chicago Tribune TIME

nextavenue.

POPULAR
SCIENCE

The Harvard Gazette FT FINANCIAL TIMES nextBIG FUTURE

FA FINANCIAL ADVISOR MAGAZINE Haggerston Times

Forbes CNBC
thejapan times

MIT Technology Review THE NEW YORKER

TE TechCrunch

QUARTZ

BUSINESS
INSIDER

Business

FRED HUTCH CURES START HERE LIFE EXTENSION ADVOCACY FOUNDATION ASIANSCIENTIST

MIT Technology Review Forbes SIMONS FOUNDATION FT FINANCIAL TIMES

The New York Times Daily Mail Discover MAGAZINE

cancer today Forbes.com QUARTZ R&D

DAILY EXPRESS WIRED L|R

TheScientist EXPLORING LIFE, INSPIRING INNOVATION

POPULAR SCIENCE DIGITAL JOURNAL UPI

SCIENTIFIC AMERICAN

SingularityHub

Purch

one medical

Jefferson Philadelphia University + Thomas Jefferson University

one medical

The Science of Longevity

AGING ANALYTICS AGENCY

DEEP KNOWLEDGE ANALYTICS

LONGEVITY INTERNATIONAL

GEROSCIENCE R&D

Rejuvenation
Biotechnology

Gene Therapy

Geroprotectors

Regenerative Medicine

Nutraceuticals

Basic Research on Biology
of Aging

P3 MEDICINE

Personalized Diagnostics

Personalized Biomarker
Analysis

Personalized Prognostics

Personalized in vivo & in
silico drug testing

Personalized QALY &
HALE Estimation

Preventive Therapies

AGETECH

Novel Retirement Plans

Cognitive Enhancement

FinTech for the Elderly

NextGen Mobile Apps for
the Elderly

Continuing Education

Entertainment for the
Elderly

NOVEL FINANCIAL SYSTEM

Longevity Index Fund

Longevity Hedge Fund

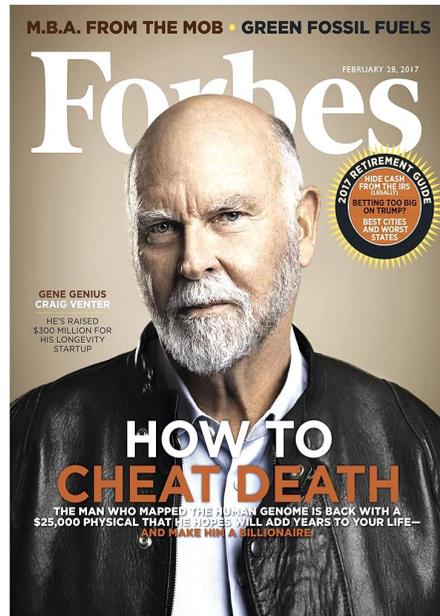
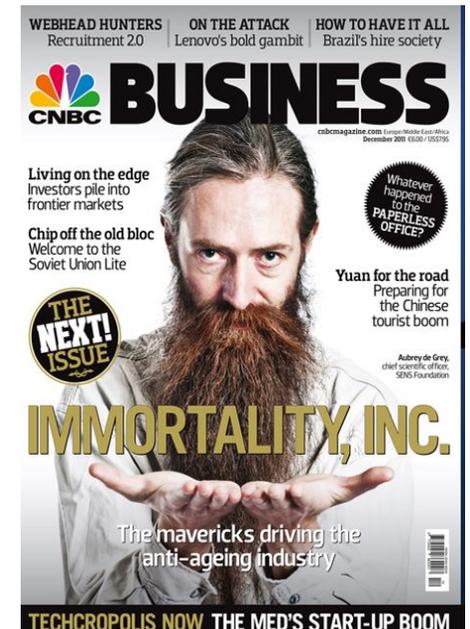
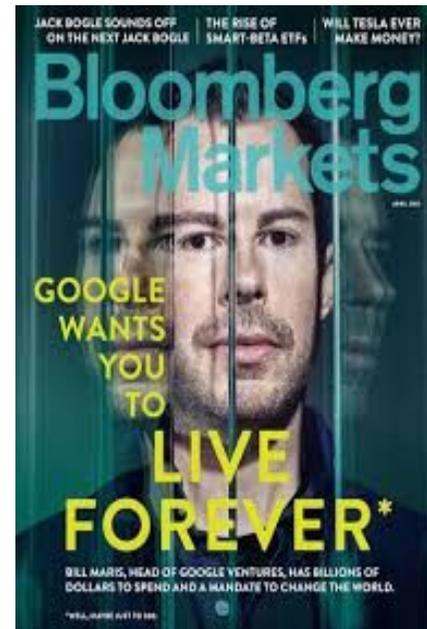
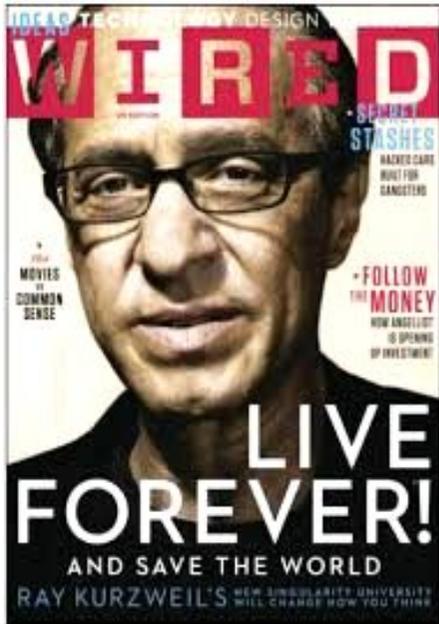
Longevity Stock
Exchange

AgeTech Bank

Longevity Derivatives

Longevity Trust

Top Media in Support of Longevity



60 Media Entities Covering Longevity

1. AFAR
2. Asian Scientist
3. Benefits Canada
4. Bloomberg
5. Business Insider
6. Cancer Today
7. Chicago Tribune
8. CNBC
9. CNN
10. Daily Express
11. DailyMail
12. Digital Journal
13. Discover Magazine
14. Fred Hutch
15. Financial Advisor Magazine
16. Financial Times
17. Forbes
18. H+ Magazine
19. Haggerston Times
20. Health IT Analytics
21. Huffington Post
22. BD
23. Jefferson
24. Life Extension
25. Longevity Reporter
26. MD Magazine
27. MIT Technology Review
28. National Review
29. News Medical
30. Newsweek
31. Next Avenue
32. NextBigFuture
33. One Medical
34. Purch
35. Popular Science
36. Quartz
37. R&D Magazine
38. Scientific American
39. Simons Foundation
40. Singularity Hub
41. TechCrunch
42. The Atlantic
43. The Boston Globe
44. The Conversation
45. The Globe and Mail
46. The Guardian
47. The Harvard Gazette
48. The Japan Times
49. The New York Times
50. The New Yorker
51. The Scientist
52. The StraitsTimes
53. The Street
54. The Sunday Times
55. The Wall Street Journal
56. Time
57. Topic
58. UPI
59. USA Today
60. Wired

Top -100 Journalists Covering Longevity

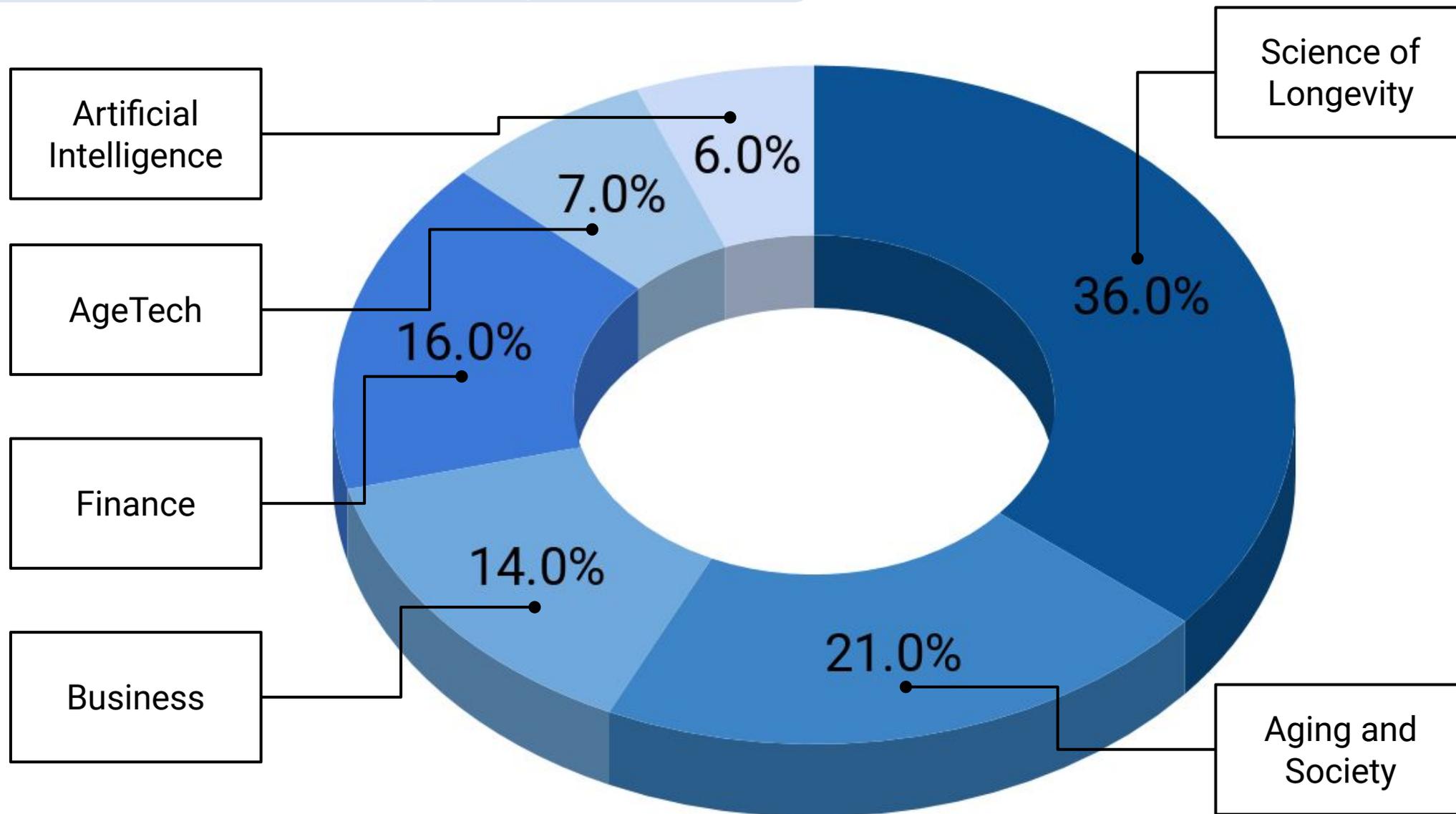
1. Allen Cone
2. Alexandra Ossola
3. Alexandra Sifferlin
4. Alice Park
5. Alison Coleman
6. Alvin Powell
7. Andrew Zaleski
8. Anna Azvolinsky
9. Antonio Regalado
10. Ben Steverman
11. Bob Grant
12. Brandon Keim
13. Brian Wang
14. Carl Engelking
15. Carol Marak
16. Carolyn Rosenblatt
17. Charlotte Hu
18. Christina Farr
19. Chunka Mui
20. Clare Ansberry
21. Clive Cookson
22. Connie Loizos
23. David Ewing Duncan
24. David Rae
25. David Stipp
26. Diana Kwon
27. Edd Gent
28. Edmund Ingham
29. Edyta Zielinska
30. Elmo Keep
31. Emily Singer
32. Eric Wicklund
33. Erin Brodwin
34. Hannah Devlin
35. Howard Gleckman
36. Ian McGugan
37. James Ives
38. Janice Tai
39. Jef Akst
40. Jennifer Bresnick
41. Jeremy Chan
42. Jocelyn Rice
43. Joseph Coughlin
44. Karen Demasters
45. Kashmira Gander
46. Kat Arney
47. Kat Lay
48. Katarina Zimmer
49. Kate Yandell
50. Ken Dychtwald
51. Ken Nuss
52. Kenny Walter
53. Kerry Grens
54. Kiyoshi Takenaka
55. Kyle Munkittrick
56. Liat Clark
57. Lindsay Cook
58. Lydia Ramsey
59. Maiko Takahashi
60. Mark Barna
61. Maria Rodale
62. Martha Porado
63. Mary Wisniewski
64. Matt Flynn
65. Matt Reynolds
66. Matthew Herper
67. Meera Senthilingam
68. Megan Molteni
69. Morey Stettner
70. Nathaniel Scharping
71. Neil Howe
72. Olivia Mitchell
73. Pagan Kennedy
74. Patricia Corrigan
75. Patrick Cox
76. Paul H. Irving
77. Peter Dizikes
78. Peter Rejcek
79. Rafi Letzter
80. Robert Powell
81. Robert Weisman
82. Robin Seaton Jefferson
83. Ruth Williams
84. Sabrina Richards
85. Sarah Buhr
86. Sarah Hedgecock
87. Sean Martin
88. Shelley Fan
89. Stephen Matthews
90. Steve Hill
91. Steven N Austad
92. Suzanne Wooley
93. Tad Friend
94. Tia Ghose
95. Tim Sandle
96. Tina Woods
97. Vera Gruessner
98. W. Harry Fortuna
99. Wade Pfau
100. Wesley J Smith

100 Journalists Covering Longevity

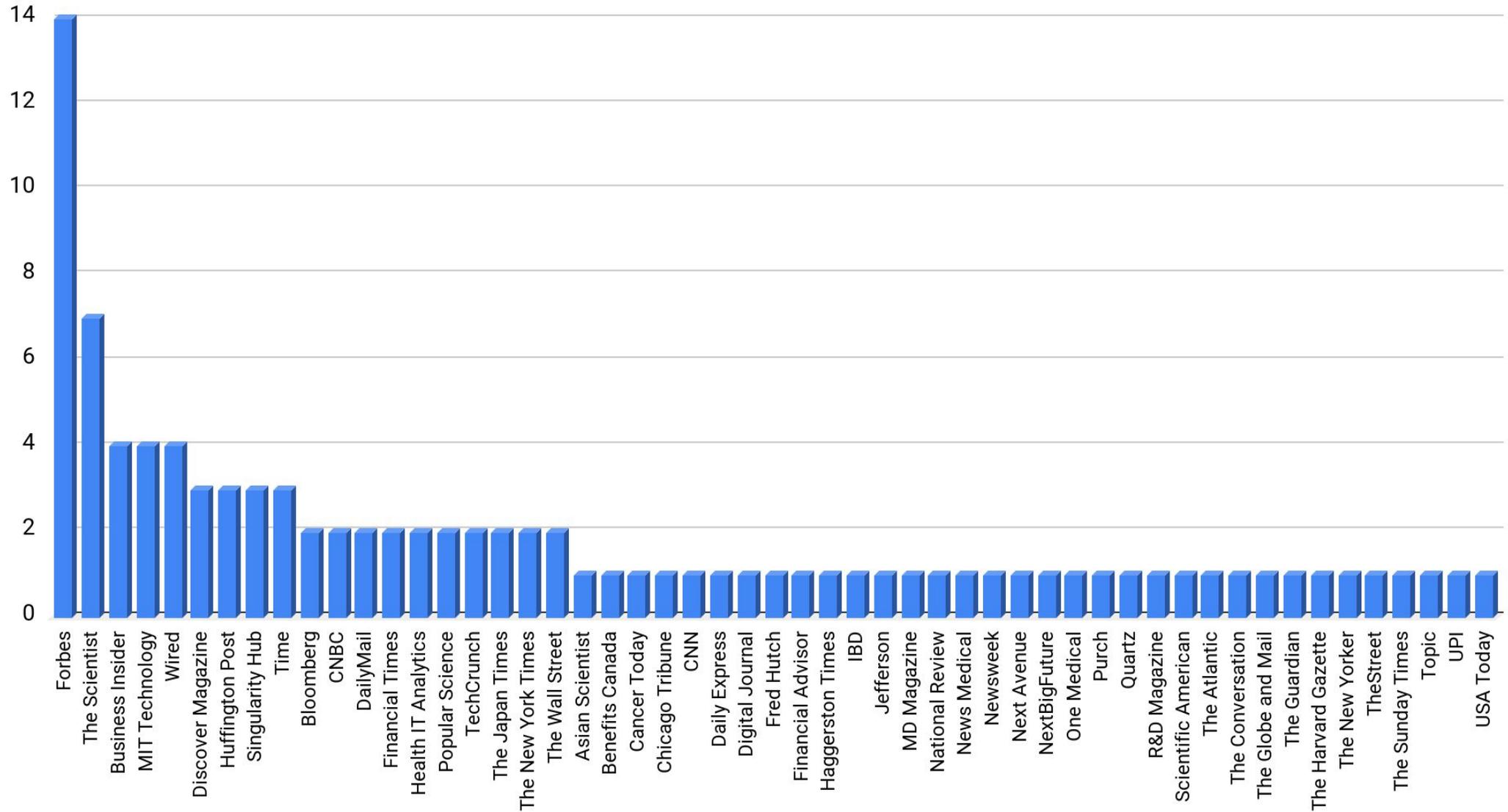
Breakdown of Subtopic Specialization

Science of Longevity		Aging and Society	Business	Finance	AgeTech	AI
Allen Cone	Katarina Zimmer	Alexandra Sifferlin	Alison Coleman	Ben Steverman	Andrew Zaleski	Joseph Coughlin
Alexandra Ossola	Kate Yandell	Alice Park	Alvin Powell	David Rae	Eric Wicklund	Kenny Walter
Anna Azvolinsky	Kerry Grens	Carol Marak	Antonio Regalado	Howard Gleckman	Jennifer Bresnick	Patrick Cox
Bob Grant	Kyle Munkittrick	Carolyn Rosenblatt	Brian Wang	Ian McGugan	Liat Clark	Peter Rejcek
Brandon Keim	Mark Barna	Clare Ansberry	Christina Farr	Karen Demasters	Mary Wisniewski	Robin Seaton
Carl Engelking	Nathaniel	Elmo Keep	Chunka Mui	Ken Nuss	Matthew Herper	Jefferson
Charlotte Hu	Scharping	Hannah Devlin	Clive Cookson	Kiyoshi Takenaka	Vera Gruessner	Sarah Hedgecock
David Ewing	Pagan Kennedy	Janice Tai	Connie Loizos	Lindsay Cook		
Duncan	Rafi Letzter	Kashmira Gander	Edmund Ingham	Martha Porado		
David Stipp	Ruth Williams	Kat Lay	Erin Brodwin	Morey Stettner		
Diana Kwon	Sabrina Richards	Ken Dychtwald	Maiko Takahashi	Neil Howe		
Edd Gent	Sean Martin	Lydia Ramsey	Sarah Buhr	Olivia Mitchell		
Edyta Zielinska	Shelly Fan	Maria Rodale	Tad Friend	Paul H. Irving		
Emily Singer	Stephen Matthews	Matt Flynn	W. Harry Fortuna	Robert Weisman		
James Ives	Steve Hill	Matt Reynolds		Suzanne Wooley		
Jef Akst	Steven N Austad	Meera		Wade Pfau		
Jeremy Chan	Tia Ghose	Senthilingam				
Jocelyn Rice	Tim Sandle	Megan Molteni				
Kat Arney	Tina Woods	Patricia Corrigan				
		Peter Dizikes				
		Robert Powell				
		Wesley J Smith				

100 Journalists Covering Longevity Breakdown of Subtopic Specialization



100 Journalists Covering Longevity Breakdown by Media Entities



Executive Summary

Executive Summary

This report gives readers a detailed overview of the shape and size of the current Longevity Journalism landscape globally.

It aims to identify and profile the top journalists and media entities writing on Longevity today and over the past several years, to categorize them according to a number of sub-topics in Longevity, and to identify the broad sub-topics and themes being written about most often.

Specifically the report aggregates and individually profiles the:

- Top 100 journalists covering Longevity
- Top 50 media entities covering Longevity

The report also classifies the top 100 journalists writing on the topic of longevity into several subcategories, including:

- The Science of Longevity
- Longevity and the Financial Industry
- The Business of Longevity
- Longevity and Artificial Intelligence
- Aging and Society
- AgeTech

The report individually profiles each of the top 100 longevity journalists aggregated in the report, and lists their affiliations, credentials, the media entities they are writing for and a selection of their most representative articles.

Ageing Analytics Agency Reports 2017 - 2019

Ageing Analytics Agency has been dedicated to the production of reports on the science, business and economics of ageing and Longevity for over five years, and has produced dozens of global and regional reports on the Longevity Industry in different regions, subsectors and domains.



Longevity Industry in UK Q4 2018



FemTech Longevity Landscape Overview



Longevity Industry Landscape Overview 2018 Volume I



Longevity Industry in Israel 2019



Longevity Industry in Singapore 2019



Longevity Industry Landscape Overview 2018 Volume II

Aging Analytics Agency Upcoming Reports



Longevity and Advanced Cosmetics Industry 2019



Precision Medicine Clinics Landscape Overview 2019



Advancing Financial Industry AgeTech / WealthTech / Longevity



Longevity Industry and Microbiome 2019



Global Longevity Industry Landscape Overview 2019

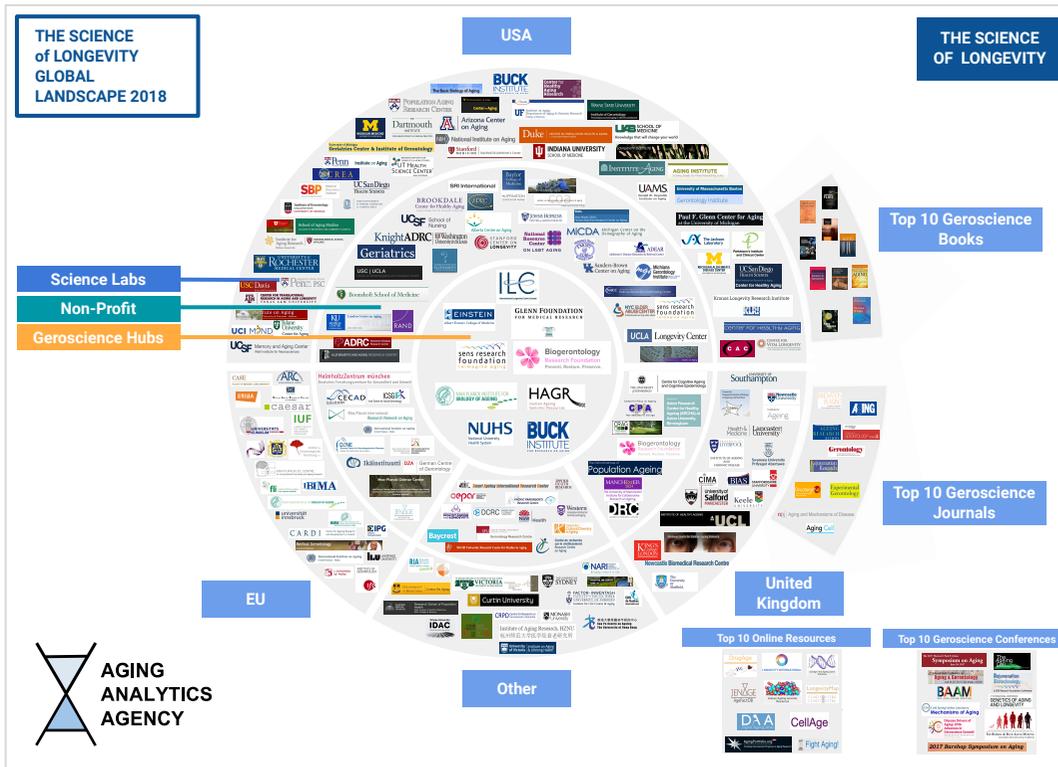
GEROSCIENCE R&D		P3 MEDICINE	
Rejuvenation Biotechnology	Gene Therapy	Personalized Diagnostics	Personalized Biomarker Analysis
Geroprotectors	Regenerative Medicine	Personalized Prognostics	Personalized in vivo & in silico drug testing
Nutraaceuticals	Basic Research on Biology of Aging	Personalized QALY & HALE Estimation	Preventive Therapies
AGETECH		NOVEL FINANCIAL SYSTEM	
Novel Retirement Plans	Cognitive Enhancement	Longevity Index Fund	Longevity Hedge Fund
FinTech for the Elderly	NextGen Mobile Apps for the Elderly	Longevity Stock Exchange	AgeTech Bank
Continuing Education	Entertainment for the Elderly	Longevity Derivatives	Longevity Trust

Proprietary Longevity Industry Analytics: Comparative Classification Framework

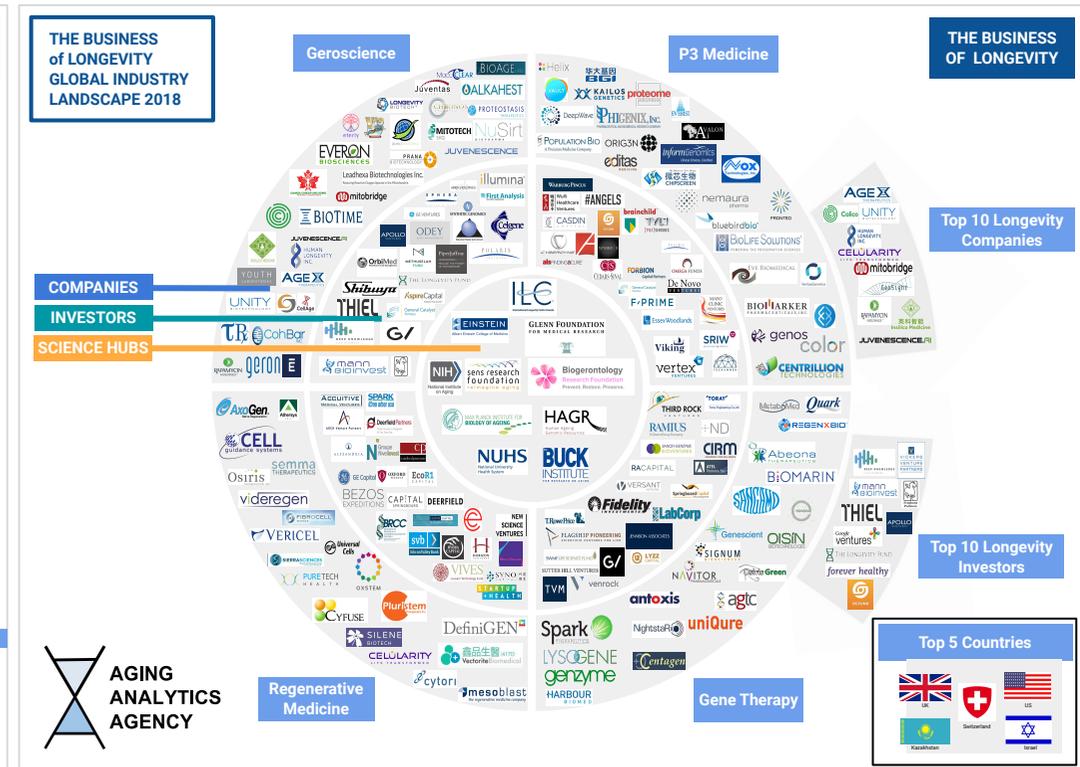
Longevity Landscape Overview

These reports include profiles of companies and investors that are pivotal in the Longevity Industry at this juncture. Although these lists are based on dataset analysis and tangible metrics, they are projections and as such, are not exhaustive. The mindmaps below serve as a broad outline of the global Longevity Industry.

“The Science of Longevity” Global Landscape



“The Business of Longevity” Global Landscape



The Rise of Longevity Journalism

Within the past 5 years there has been a surge of interest in the topic of Longevity. In 2013 the idea of increasing the average life expectancy in developed nations to over 100 years was not yet considered mainstream. Today the topic of extended life expectancy has become mainstream.

People have come to understand the credibility and feasibility of extending healthy longevity, including investors, business analysts, and reputable, conservative business media brands. The Economist and the Financial Times have both held conferences and panel discussions on the topic of the Longevity Industry. The topic of Longevity is recognized and regularly discussed by financial entities and investment funds.

Five years ago TIME magazine featured a cover story entitled "Can Google Solve Death?". Because the magazine was TIME, and the article was about Google, it was not controversial. Today advanced biomedicine and longevity is discussed regularly in the mainstream press.

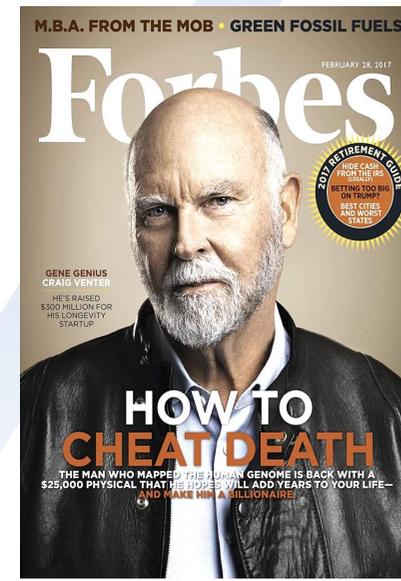


The Convergence of Longevity & Advanced Biomedicine

Based on our analysis of both industry trends, as well as trends within academia and the nonprofit sector, and media, we can predict that in 5 years time it will be seen as normal to speak of developed nations' life expectancy can exceed 120.

It has also become quite common in the past few years for top business media entities to organize conferences on the subject of Longevity, and for conservative BioPharma conferences to include panels on the topic of Longevity. This also highlights the fact that the topic of Longevity is increasingly finding its way into discussions within the BioPharma industry and advanced biomedicine.

"Even a few years ago the topics of Longevity therapeutics and advanced biomedicine were seen as similar and somewhat convergent, but the gap between Longevity therapeutics and advanced biomedicine is still receding further,, and we can expect Longevity to be regarded a standard and normal element of advanced biomedicine in general, and indeed, perhaps even on the forefront of advanced biomedicine. The topic of Longevity has also been gaining support from various government initiatives.



Top Business Media Entities Are Embracing Longevity

One example of the topic of Longevity entering into biomedical discussion was the 2016 and 2017 conferences and panel discussions on the topic of Longevity hosted by some of the world's most eminent business media brands, including The Economist and Financial Times.

Financial Times Global Pharmaceutical and Biotechnology Conference (held on November 10th, 2017) featured an Aging and Longevity Panel, with such participants as Aubrey de Grey, Chief Science Officer of SENS Research Foundation, Dmitry Kaminskiy (Managing Partner of Deep Knowledge Ventures, Alex Zhavoronkov (CEO of Insilico Medicine and CSO of the Biogerontology Research Foundation) and Joseph Antoun, Chairman of the Global Healthspan Policy Institute. The panel discussion focused on how close geroscience (the science of Longevity) is from bringing practical and actionable results in extending healthy, productive longevity and how far the biopharma industry is from a paradigm shift from treatment to prevention.

The fact that this subject is part of the agenda at one of the biggest biotech conferences in UK and Europe, featuring the majority of global biopharma companies, is a very strong indicator that geroscience and ageing research is now entering the mainstream consciousness of the public, policy makers and healthcare industry thought-leaders.

The panel discussion focused on how close geroscience is from bringing practical and actionable results in extending healthy, productive longevity and how far the biopharma industry is from a paradigm shift from treatment to prevention.

Longevity Journalism Comes of Age

Another leading example of Longevity conferences held by top business media brands includes two key conferences held by The Economist: Aging Societies and The Business of Longevity. The Business of Longevity Summit brings together the leading minds from governments, the private sector, health care, academia and think-tanks to discuss and debate how to help countries make the transition to older societies that are still healthy and productive.

The Economist's Business of Longevity: Innovation for an ageing world event ignited a global dialogue around opportunities in aging and the most recent innovations driving the ageing market. The Economist Event's Ageing Societies summit in London gathered the key industry and political speakers from organisations including the World Health Organisation, Bupa, OECD, BT, Blackrock, PensionDanmark, HSBC, Danone and discussed the impact that the world's ageing populations will have on current and future generations.

The fact that such conferences are being targeted not just at Longevity scientists per se, but also traditional BioPharma journalists, analysts and executives also highlights an important trend: the increasing convergence of Longevity and traditional BioPharma and advanced biomedicine. Several years ago the topics were seen as similar and somewhat convergent, but this gap between Longevity therapeutics and advanced biomedicine in general is receding, and we can expect Longevity to take a place in the next few years as a standard and normal element of advanced biomedicine in general, and indeed, perhaps even on the forefront of advanced biomedicine. So too, have the topic of Longevity garnered increasing support from various government initiatives.

Give the profusion of interest in the topic of Longevity, and its disreputable past in which the term 'anti-aging' was used to sell face creams rather than healthspan-extending therapies based on validated science, we urge journalists to cover the topic in a duly diligent, informed manner, using tangible metrics. We hope to see journalists describing Longevity not in terms of magic pills, but in more realistic terms of an increasingly validated science that is making progress toward the healthcare paradigm shift from treatment to prevention, with the potential to relieve the massive economic burden of demographic aging, and to more effectively treat the chronic ailments afflicting developed nations at their source, rather than articles about magic pills conferring immediate immortality.

Longevity and Politics in the Media

2019 was the year that the Longevity industry, as a fully integrated indivisible industry, with healthy Longevity as its sole product and dividend, exploded into the mainstream media, with the launch of the UK All-Party Parliamentary Group on Longevity on 7 May 2019 in the UK Parliament. Speaking at the meeting were Matt Hancock, UK Secretary of State for Health and Social Care and the APPG Chair Rt Hon Damian Green MP and Chair of Advisory Board Lord Geoffrey Filkin CBE.

FINANCIAL TIMES

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Ageing population 'an opportunity, not a problem' say MPs

Plans for strategy to make elderly Britons fitter for longer



© Getty

Lindsay Cook MAY 7, 2019 12

The “problem” of the UK’s ageing population should be recast as one of the most “promising opportunities of the 21st century”, according to MPs at the centre of a new government strategy on longevity.

FT ADVISER Protection Regulation Your Indu

Later Life May 8, 2019

Ageing population creates opportunity, say MPs

See comments (1)



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Longevity Embraced by UK Parliamentarians

The fact that the notion of extending Healthy Longevity by such conservative public sector professionals as UK Parliamentarians has in no doubt been assisted by the rise of mainstream, conservative coverage of the topic of Longevity in the world's top Finance, Business and Tech media outlets.



UK Health Secretary Matt Hancock, APPG for Longevity Chair Damian Green, APPG Advisory Board Chair Lord Geoffrey Filkin, APPG Advisory Board Member Andrew Scott and APPG Secretariat Executives Tina Woods, Eric Kihlstrom and Dmitry Kaminskiy at the APPG for Longevity Launch.

The All-Party Parliamentary Group for Longevity intends to build on the UK's existing industrial strategy and bring about the creation of a National Longevity Development Plan.

The APPG will use artificial intelligence and data-driven solutions to find the most effective ways to increase healthspan.

The fact that the extension of healthy Longevity is now being embraced by UK Parliamentarians signals that it has truly entered the minds of both the public and conservative government officials as a probable future. And the resulting coverage signals that it has entered the minds of the mainstream media.

Longevity Journalism and Media Landscape Overview

Introduction

This chapter gives a broad overview of the Longevity journalism landscape globally. It begins with some of the largest headlines in Longevity journalism in recent years.

It then lists the most prolific journalists writing on the topic of Longevity, and categorizes them according to several sub-topics, including

- The Science of Longevity
- Longevity and the Financial Industry
- The Business of Longevity
- Longevity and Artificial Intelligence
- Aging and Society
- AgeTech

It then summarizes some of the most important trends and topics for each of the above categories, and adds support to such trends and topics by quoting some of the specific journalists profiled in this report.

The report then provides one-page profiles of each of the 100 journalists covered in this report, identifying the media entities for which they write, and offers a selection of some of their most representative articles.

The Economist: The Business of Longevity and Ageing Societies



- **The Business of Longevity Summit** brings together the leading minds from governments, the private sector, health care, academia and think-tanks to discuss and debate how to help countries make the transition to older societies that are still healthy and productive.

The Economist's Business of Longevity: Innovation for an ageing world event ignites a global dialogue around opportunities in ageing and the most recent innovations driving the ageing market.

- **The Economist Event's Ageing Societies** summit in London gathered the key industry and political speakers from organisations including the World Health Organisation, Bupa, OECD, BT, Blackrock, PensionDanmark, HSBC, Danone and discussed the impact that the world's ageing populations will have on current and future generations.

Ageing in society brings forth exciting new questions, fresh perspectives, and a necessary critical approach to key issues and The Economist Events' Ageing Societies is an authoritative platform to discuss this.

World Economic Forum

The World Economic Forum engages the foremost political, business and other leaders of society to shape global, regional and industry agendas.

Longevity was an emerging theme at the 2017 World Economic Forum. Linda Fried, Dean of Public Health at Columbia University, said in her opening remarks at the workshop: “Imagine what a long life spent in good health will unlock – it unlocks the opportunity to work, to fulfil individual goals and to make an impact as an older adult.” The discussions at Davos exemplified the approach that is required to achieve a successful age of longevity through a strong collaboration between stakeholders across cultures, countries and generations. Today’s medicines can delay strokes and heart disease by decades. This development will disrupt working lives, pensions, healthcare costs and relationships. A recent World Economic Forum-Mercer survey predicts a leap in pension fund deficits worldwide, from \$70 trillion today to \$400 trillion by 2050.

The 48th World Economic Forum Annual Meeting in Switzerland on 23-26th January 2018 aims to confirm the commitment of leaders from all walks of life to developing a shared narrative to improve the state of the world. The programme, initiatives and projects of the meeting are focused on Creating a Shared Future in a Fractured World.



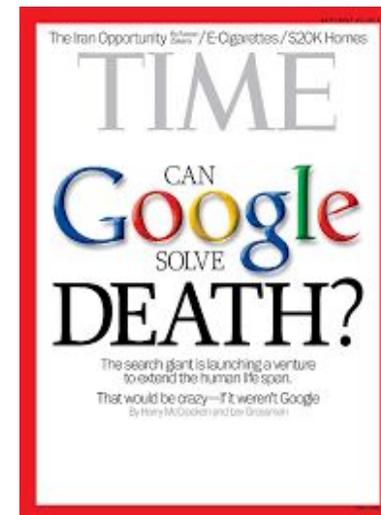
Time Magazine

Beginning five years ago, TIME magazine featured several cover stories on the topic of increasing Longevity, at a time when it was still a controversial subject.

TIME's most prominent headline on this subject might have been their 2013 cover story '**Can Google solve death?**', covering the launch of Calico, the new biotechnology company that would focus on healthy aging, the first major corporate entity explicitly focused on such a mission.

Because TIME, as well as other reputable, world-leading brands, staked their reputations on the topic, they created a global media environment in which other brands felt safe exploring the subject matter of Longevity. As a result, today advanced biomedicine and longevity are discussed regularly in the mainstream press.

All this has served to make the topic of Longevity an obvious megatrend gaining widespread acceptance at a rapid pace.



Bloomberg L.P., the privately held financial, software, data, and media company headquartered in Midtown Manhattan, New York City, has seen the necessity in recent years of tracking the Longevity industry in various respects: the demographic challenge, biomedical technology interventions and even financial solutions.

In 2017 for example their Technology section ran a story on how Singapore’s aging population (a subject of one of Aging Analytic Agency’s regional reports) is forcing the city state to become more flexible in how it approaches its challenges, and to embrace technology, focusing more on personal health. They have also highlighted some biotechnological solutions themselves, and this month (May 2019) ran an article on Unity Biotech’s drug to treat an intractable arthritic condition (currently in late-stage human trials). FinTech for the elderly has also received attention.

May 10, 2019, 9:00 AM GMT+1

Knee Injections Could Hold the Key to Fighting Aging

- Unity Biotech's drug to treat an intractable arthritic condition is in late-stage human trials.

By Adam Piore

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▶ 5:51

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To hear Nathaniel “Ned” David tell it, the osteoarthritis drug his [Unity Biotechnology](#) began testing in human subjects last fall is about far more than just helping aging weekend warriors regrow cartilage in their damaged knees. It’s the first step toward making us all feel young again. “Aging is not a rigid, inflexible phenomenon,” he told a conference room full of Wall Street analysts and financiers in Midtown Manhattan. “Nature has created control

August 7, 2018, 10:00 AM GMT+1

Senior Citizens Get Support From Financial Technology

- Digital tools can reduce physical barriers and help families prevent elder fraud. And the market is likely to grow.

By Emma Kinery



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Technology

Could Tech Relieve Singapore's Aging Woes?

By [Michelle Jamrisko](#) and [Haslinda Amin](#)
December 20, 2017, 9:00 PM GMT

- ▶ Senior minister of state for health discusses tough choices
- ▶ Need to confront 'politically sensitive' financing, Chee says



In November 2017 the Financial Times Global Pharmaceutical and Biotechnology Conference Aging featured a Longevity Panel, at which Biogerontology Research Foundation trustee Dmitry Kaminskiy and Chief Science Officer Alex Zhavoronkov spoke, alongside Aubrey de Grey, Chief Science Officer of SENS Research Foundation, and Joseph Antoun, Chairman of the Global Healthspan Policy Institute.

The Financial Times has since begun to treat healthy Longevity as an opportunity, dividend and metric for success, and continues to publish articles tracking the demographic challenge and financial and technological solutions.



Longevity – the biggest business opportunity of the 21st century

Industry needs to recognise that ageing is not just a problem, but an opportunity



FT Health: Longevity and social change

Martin McKee on UK public health, anti-vaxxers advance, news in briefs



The Science of Longevity

As the landscape of Longevity journalism continues to mature, we are, thankfully, seeing a decreasing number of headlines focusing on hype, predicting the next immortality pill or the coming realization of biological immortality, and a shift toward valid scientific journalism that takes a clear-headed and rationalistic look at recent geroscience developments.

Consider, for instance, Liat Clark's recent article in Wired, which covers a recent paper claiming that it is unlikely that scientists will succeed in pushing the limits of the human lifespan beyond the age of 125:

"We will not live forever. Although the sciences have been trying hard to further delay the inevitable – through regenerative medicine, or growing organs so we can forever replace our ageing body parts – a new study published in Nature this week claims that humans likely have a natural lifespan limit of under 122. In fact, it claims the chances of anyone exceeding 125 in any one year in the future, is less than one in 10,000."

"The team first looked at the argument that there is in fact, no limit to our longevity, pointing to studies of model organisms that show genetic and pharmacological interventions make death a flexible and moving target. They also pointed to stats from Sweden, where life expectancy rose from a maximum age of 101 in the 1860s to 108 in the 90s. These kinds of figures are replicated in 'most other developed nations', they write: 'hence, the possibility has been considered that mortality may decline further, breaking any preconceived boundaries of human lifespan.'"

Although the paper has been contested by many scientists and researchers, it nonetheless highlights the increasing trend toward more conservative and realistic coverage of the geroscience sphere.

The Science of Longevity

As the field of geroscience continues to mature, we are also seeing an increasing number of potential longevity drugs and therapeutics previously validated on animal models entering the stage of preclinical and clinical evaluation in human subjects. This is a sign of the increasing health and maturity of the geroscience field.

In a 2017 Business Insider article, writing on the subject of the upcoming FDA-approved clinical trial to determine whether the common diabetes drug Metformin, which has shown lifespan and healthspan extending effects in a variety of model organisms, can reduce the incidence and delay the onset of age-related disease in human subjects, Lydia Ramsey notes:

"A generic drug that's used to treat type 2 diabetes could help people live longer, healthier lives. Metformin, a drug that's been approved in the US for decades, is typically taken as a pill every day by people with diabetes. But now researchers are looking into whether the drug could hold the key to living longer – and early research seems promising. Dr. Nir Barzilai, the director of Institute for Aging Research at the Albert Einstein College of Medicine in New York, has been researching the drug, with the hopes of one day getting it approved as an anti-aging treatment by the FDA. Since metformin was approved for diabetes, it has started to be used off-label to treat conditions like pre-diabetes, gestational diabetes, and polycystic ovarian disease. Some retrospective studies and preclinical work have indicated that it might also lower a person's risk of cancer, though at least one clinical trial wasn't able to show that it had any protective effect on esophageal cancer... For now, the evidence on metformin and aging is reserved to these observational studies. But Barzilai and others are running a clinical trial to explore how the treatment stacks up to a placebo. The trial, titled "Targeting Aging with Metformin," or "TAME" for short, began in 2015, and will be looking at men and women over the age of 60... Until the clinical trial's results are released, there won't be enough evidence that taking the drug can improve your lifespan, at least in the eyes of the FDA. And like any drug, metformin can cause some side effects, such as diarrhea, indigestion, headaches, and heartburn. In rare cases it can also lead to lactic acidosis, in which there's a buildup of lactate in the body. If the FDA does approve the drug, however, it could change the way we approach aging."

The Science of Longevity

Similarly, as the number of longevity-extending interventions originally validated in animal models and now being investigated in humans continues to increase, we are also seeing an increasing number of therapies that aren't living up to their original promise, which highlights the large gap between results in animal models and results in humans (which also underpins the large failure rate in drug discovery and development, owing to the vast genomic and phenotypic difference between animal models and human beings). Writing for Discover Magazine, Nathaniel Scharping notes the a failure a 2017 clinical trial conducted by Alkahest to see whether transfusion of young blood into elderly patients results in cognitive benefits, which found no change in cognitive performance tests:

"That the blood of the youthful might help the elderly was first proposed over 150 years ago when studies of mice whose circulatory systems had been sewn together revealed that old mice joined to young ones appeared to do better. A series of 2014 studies from the group showed tangible benefits for the hearts, brains and muscles of old mice, and other work has shown that the procedure helps liver cells as well. Since then, various biotech start-ups have emerged promoting the life-extending benefits of youthful blood. For \$8,000 you can pump yourself full of the blood of the next generation thanks to California-based Ambrosia, though they haven't produced any controlled studies to back their claims up. They appear to be recruiting right now for another trial. Alkahest, the company behind the recent Alzheimer's trial, is another player. They gave blood plasma donated from men aged 18 to 30 to 16 patients with Alzheimer's disease for four weeks, along with a four-week placebo injection... None of the patients scored any better on tests of their mental abilities following the trial, according to an abstract to be presented Saturday at the 10th Clinical Trials on Alzheimer's Disease meeting in Boston, reports Science. Their caregivers did rate them higher on surveys of their ability to perform daily tasks, but those results are more prone to bias."

As the number of longevity-related going to trial increase, we are bound to see an increasing number of such therapies that fail to pan out in human subjects due to the unavoidable biological and physiological differences between humans and the animal models commonly used in geroscience studies. This piece also highlights the increasingly conservative tone of longevity journalism, which is moving away from hype and toward realistic science.

The Science of Longevity Specialization



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Allen Cone



POPULAR SCIENCE
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EXPLORING LIFE, INSPIRING INNOVATION
Anna Azvolinsky



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Bob Grant



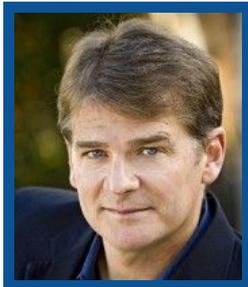
WIRED
Brandon Keim



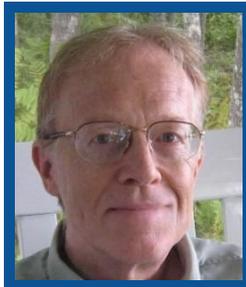
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David Ewing Duncan



SCIENTIFIC AMERICAN
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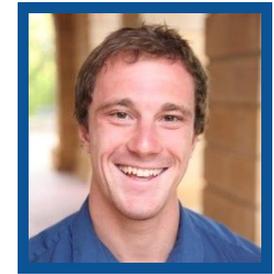
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Nathaniel Scharping



The New York Times

Pagan Kennedy



BUSINESS INSIDER

Rafi Letzter



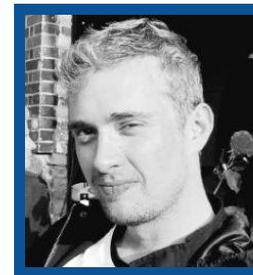
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Ruth Williams



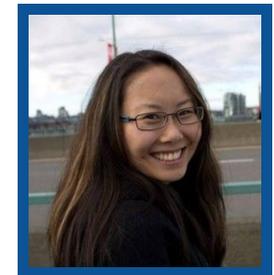
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CURES START HERE

Sabrina Richards



DAILY EXPRESS

Sean Martin



SingularityHub

Shelley Fan



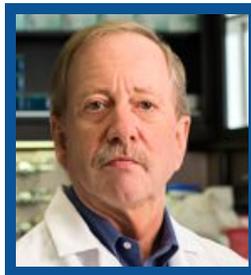
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Stephen Matthews



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Steve Hill



THE HUFFINGTON POST

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Purch

Tia Ghose



DIGITAL JOURNAL

Tim Sandle



Forbes
i.com

Tina Woods

Longevity and the Financial Industry

One topic that is receiving increasing coverage is how extending healthy longevity will impact pension and insurance providers, and how existing pension and insurance providers will need to reformulate their business models and operating procedures in order to stay relevant in the coming age of healthspan extension.

Writing for the Globe and Mail, Ian McGucan notes that:

"Ottawa could radically simplify Canadian retirement planning with a few simple, low-cost changes to the tax code. The potential winners would include everyone who worries about running out of money in their old age. All that is required, according to a new C.D. Howe Institute report, is minor tinkering with existing tax regulations. The changes would open the door to 'longevity insurance' – a financial product that would buffer people against the high cost of living to 90 or beyond.

What's needed, but what isn't now available, is a product that could allow a 65-year-old to purchase a guaranteed-for-life stream of income that doesn't actually begin for another, say, 20 years. In one stroke, this longevity insurance would convert the great unknown of retirement planning – how long must I make my money last? – into a known quantity. A person who was able to purchase longevity insurance could feel free, in an extreme case, to spend every penny in their portfolio between the ages of 65 and 85.

The buyer would know that at the age of 85, their longevity insurance would start paying them a regular income, and that income would last for the rest of their lives. In many ways, this ideal product would resemble the annuities now on the market, but with one key difference: The annuity products that currently exist start paying out money immediately, but longevity insurance wouldn't start paying out until a couple of decades in the future."

Longevity and the Financial Industry

And reporting for Benefits Canada, Martha Porado writes:

"A new report from the C.D. Howe Institute proposes a pooled risk savings program that could provide more security for retirees of advanced age. 'Retirement will span beyond age 85 for more than half of 65-year-old Canadians,' wrote Bonnie-Jeanne MacDonald, senior research fellow at the National Institute on Ageing at Ryerson University and resident scholar at Eckler Ltd., in the report. Annuities don't always appeal to seniors, as they prefer to maintain control over their savings, the report suggested. Instead, longevity insurance could replace annuities as an income stream. However, the tax environment in Canada doesn't favour private market longevity risk products, according to the report.

As such, MacDonald recommends a voluntary, national program – dubbed Living Income for the Elderly (LIFE) – that would allow retiring Canadians to buy into a pooled fund that would begin to provide steady income at age 85. At their discretion, Canadians would begin to allocate money to the fund at age 65, she suggests, and proportional monthly payouts would start at 85. They wouldn't be able to make commuted-value cash withdrawals during the deferral period or the payout stage. Those who live longer would benefit from additional security as the fund would distribute the investments of deceased participants equally among the remaining members.

The so-called mortality premium would allow lump-sum bonus payouts as members age. During the accumulation period, a members' account in the fund would allocate investments in a relatively aggressive manner, the report noted. Upon reaching 85, the investments would revert to a more conservative portfolio designed to provide a stable, monthly payout. And the retirees wouldn't have any investment decisions to make as a government institution would manage the fund's capital, says MacDonald."

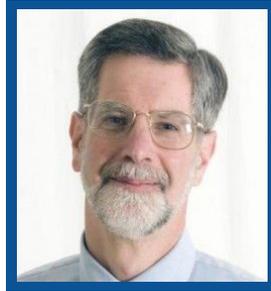
Finance Specialization



Bloomberg
Ben Steverman



Forbes
David Rae



Forbes
Howard Gleckman



THE GLOBE AND MAIL
Ian McGugan



FA FINANCIAL
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MAGAZINE
Karen Demasters



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FT FINANCIAL
TIMES
Lindsay Cook



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CANADA
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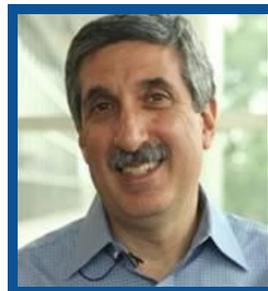
Forbes
Neil Howe



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Olivia Mitchell



THE WALL STREET JOURNAL
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Paul H. Irving



The Boston Globe
Robert Weisman



Bloomberg
Suzanne Wooley



Forbes
Wade Pfau

The Business of Longevity

Five years ago the prospect of a viable Longevity Industry was unthinkable to most investors, business analysts, and even Longevity scientists. The consensus opinion was that the science was simply too immature and too far from clinical translation.

However, since then the science of Longevity has very quickly come to be recognized as a legitimate area of study. Aging has been demonstrated to be an understandable, quantifiable and modifiable phenomenon, with the lifespans of model organisms having been increased by several times through various interventions.

Commercial enterprises seeking to exploit these scientific advances have followed suit, and the Longevity Industry is now home to dozens of Longevity Companies with billions worth of funding flooding into the sphere.

Given these developments, it would be natural to expect an increasing number of articles focusing on the Business of Longevity, and, predictably, this is exactly what we have seen.

Writing for Financial Times, Lindsay Cook notes that:

"The implications for the way we live are profound – and the “longevity industry” has appeared as businesses seek to exploit new opportunities." There are already 170 companies operating in the longevity industry in the UK, and the launch of the government's £98m industrial strategy challenge fund (ISCF) for healthy ageing will provide a further boost.

Designed to open up big corporations to the opportunities an ageing population can offer, the £98m fund will drive the development of new products and services which will help people to live in their homes for longer, tackle loneliness and increase independence and wellbeing."

The Business of Longevity

One of the best indicators of a healthily growing industry is not just a sizeable number of companies focusing on the niche, but the emergence of VC firms, accelerators and incubators dedicated to supporting companies within that niche as well.

And this is certainly a development we have seen with the emerging Longevity Industry. The past few years have seen the launch of number of VC funds (such as Juvenescence Limited, Deep Knowledge Life Sciences, Apollo Ventures, the Methuselah Fund, and the Longevity Fund, among others), as well as startups and accelerators (such as the Longevity-focused incubator launched by Y-combinator earlier this year), explicitly dedicated to Longevity startups.

Writing for TechCrunch, Connie Loizos discusses the launch a Longevity-focused startup accelerator founded by Longevity Fund founder Laura Deming:

"San Francisco-based venture firm, The Longevity Fund, has now established a new accelerator program — one with backing from famed investor Marc Andreessen, the early-stage venture firm Felicis Ventures and other, unnamed investors"

"[Laura] Deming isn't disclosing how much money will be invested through the accelerator, called Age 1, but she does say the pool of capital is distinct from the money she's investing with Longevity Fund. She also says that Andreessen, Felicis and her other backers will serve as mentors to the companies that pass through the program."

Business Specialization



Forbes
Alison Coleman



The Harvard Gazette
Alvin Powell



MIT Technology Review
Antonio Regalado



nextBIG
Brian Wang



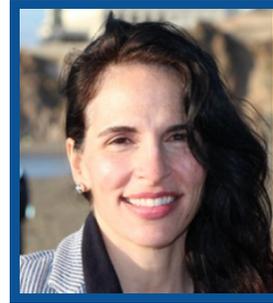
CNBC
Christina Farr



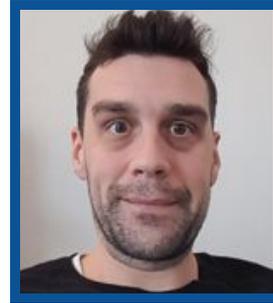
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Clive Cookson



TechCrunch
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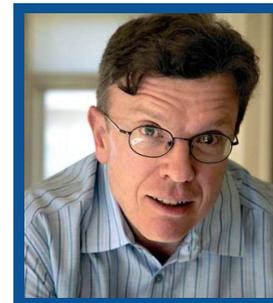
BUSINESS INSIDER
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Longevity and Artificial Intelligence

The convergence of Longevity research with Artificial Intelligence is seeing an increasing amount of coverage in the Longevity journalism landscape, on part with its increasing penetration into the Longevity Industry.

The past several years have seen a rapid acceleration of advanced in AI, many of which are driven by novel developments in Machine Learning, and Deep Learning in particular.

As more and more biological data floods in, the capacity for human researchers to make sense of it all diminishes, and this is where AI can step in to help find the insights hidden in the mountains of big data being generated.

AI has many use cases in the Longevity Industry, from drug discovery (e.g. in silico validation of drug candidates before they to human trials) to biomarker development and monitoring (e.g. developing AI-enabled measured and predictors of biological age, which can be used to estimate patients' biological age, and test the effectiveness of potential interventions by seeing how they impact patients' biological age).

Commenting on the work being done by Insilico Medicine and collaborators (including AgeX Therapeutics and Wuxi AppTec), Robin Seaton Jefferson notes the ingoing convergence of Longevity and Artificial Intelligence in an article for Forbes:

"The longevity and biotechnology industries are focusing on aging in a big way, and it's beginning to show. The fields of Artificial Intelligence (AI) and regenerative medicine are putting their money on combating aging and age-related diseases, and the benefits are likely to be immense."

"While biotechnology and AI are relatively new concepts, the announcements of funding and collaboration yesterday by and between three companies are bringing those concepts that much closer to the forefront of medicine."

Longevity and Artificial Intelligence

Commenting on the intersection of AI with Precision Medicine, and the use of AI to automate medical imaging analysis and predicting disease prognosis, among other things, Peter Rejcek notes in an article for SingularityHub:

"Researchers are now applying artificial intelligence, particularly machine learning and computer vision, to predict when someone may die. The ultimate goal is not to play the role of Grim Reaper, like in the macabre sci-fi Machine of Death universe, but to treat or even prevent chronic diseases and other illnesses."

Commenting on AI-driven analysis of physical movement derived from wearable sensors, Kenny Walter notes in an article for R&D Magazine:

"Continuous biomarker monitoring, coupled with an artificial intelligence (AI) algorithm, could help us better understand how a person is aging... The "biological age" is a quantitative measure of aging—and thus an expected lifespan—based on biological data. Many physiological parameters demonstrate tight correlations with age."

"Several biomarkers, including DNA methylation, gene expression, and circulating blood factor levels, can be used to build accurate biological clocks that can obtain individual biological age and rate-of-aging estimations. However, large-scale biochemical or genomic profiling is too difficult and expensive for practical applications and is generally only used in academic research."

"Wearable sensors enable the collection and storage of personalized digitized activity records, without interfering with daily routines and activities. AI can be used to sort and understand what that data means regarding aging."

Longevity and Artificial Intelligence

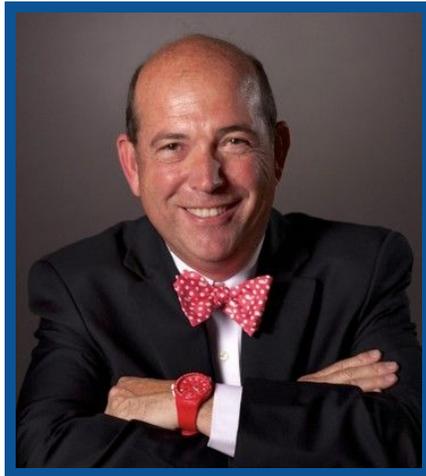
Writing for Forbes, Partick Cox notes that:

"One company that took on aging is Insilico Medicine. The company uses DNNs to sort through huge amounts of biological data. The DNNs look for biomarkers (measurable indicators of your biological state such as those included in blood tests) that correlate with aging. For humans, this would be an impossibly complicated and time-consuming task. Insilico has developed a program that will guess your age within a few years based on a standard blood test. Why should you care? The reason is that biomarkers indicating old age can be altered. We can identify compounds that can make your biomarkers—and you—younger and healthier."

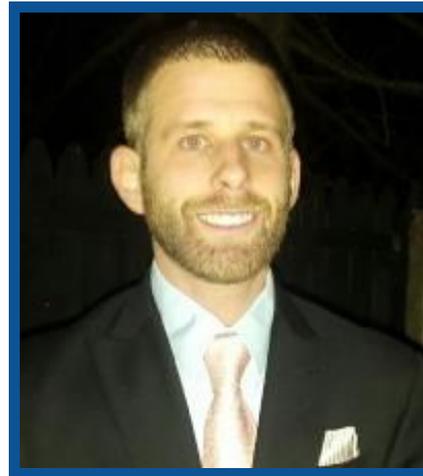
And while tapping AI into the science of aging in order to derive hidden insights from large amounts of data remains one of the most widespread and well-covered use cases of AI in the Longevity Industry, it is not the limit case. Writing for Forbes, Joseph Coughlin notes some of the ways in which AI and robotics can help improve the social lives of elderly demographics:

"More than simply a smart speaker assistant in our living room, [Amazon's] Alexa is rapidly becoming a presence throughout our homes, offices and cars. When does such a presence that is always there, always on, always ready to help, always prepared to play a game or to tell a joke (mostly lame jokes) and even knows many of your preferences become something more? Is AI and connected home intelligence rising in influence in our daily lives just as our human connectedness appears to be falling? Social isolation is a crisis that spans the generations. My colleagues at the MIT AgeLab, in partnership with Tivity Health, Health eVillages and the Jefferson College of Population Health, convened a summit on rural aging and social isolation. In a survey reported at the summit it was revealed that 29% of rural older adults do not see friends or family most days. Equally surprising was a Cigna Health survey conducted earlier in the year reporting that even young adults, ages 18 to 22 years old, have such strong feelings of loneliness they may be the loneliest generation. In any case, advanced AI is not just a marginal improvement in analytical tools. It's the only technology capable of exploiting the massive knowledge gained from human genome sequencing."

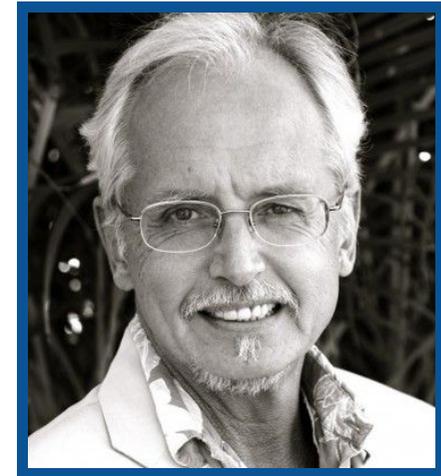
Artificial Intelligence Specialization



Forbes
Joseph Coughlin



R&D
Kenny Walter



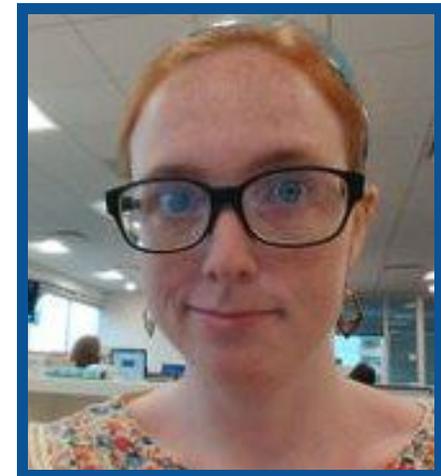
Forbes
Patrick Cox



SingularityHub
Peter Rejcek



Forbes
Robin Seaton Jefferson



Forbes
Sarah Hedgecock

Aging and Society

The general topic of Aging & Society encompasses discussion and analysis of the non-biomedical side of longevity - e.g., how both aging as it is today as well as the extension of healthy longevity can impact society, both from a quality of life perspective to an economic one. Common themes in articles focusing on Aging & Society range from the problem of demographic aging and the issues that it poses to national economies and healthcare systems, to the impact of healthspan extension on economic, governmental and societal processes and infrastructures, to changing trends within the elderly demographics of various nations. Articles covering Aging & Society are ones that seem to have received coverage for a comparatively longer period of time than articles about, for instance, the science of longevity and the business of longevity, in part because developments in these areas have only begun to really accelerate over the course of the past several years, whereas the looming issues created by the rise of the proportion of populations aged 65 and older, for instance, have been with us for much longer. Another prominent topic in this category of article is the rise of continuing education for the elderly, and the rising trend of older generations continuing education well into their middle age and older age in order to keep pace with the changing technological landscapes of modern workplaces and workforces.

Writing for Financial Times, Lindsay Cook notes: "What does a university student look like? Young, fashionable and starry-eyed – or mature, grey-haired and sensible?. About 50,000 students across UK campuses are aged 50 or over, according to the Higher Education Statistics Agency's (HESA) student record numbers for 2016-17... Older non-graduate entrants to the job market, such as the thousands of over-50s looking for work after redundancy, have a problem. They are very likely to be out-qualified by younger candidates with degrees. The answer, for many, is to make up for lost time. The HESA reports that there were 48,010 undergraduates over 50 at conventional campus-style universities in the past academic year, and just over 27 per cent of these or 13,120 were aged over 60. Professor Andrew Scott of London Business School, co-author of *The 100-Year Life: Living and Working in an Age of Longevity*, says people in later life should study and consider starting new careers or businesses. 'We are marrying and having children later and the next step is to create mid-career breaks, taking time out to explore, building our own businesses, going back to education... We need to ask ourselves whether we want to push on doing the same thing or whether we reinvent ourselves, retrain or take on a different role.'"

Aging and Society Specialization



TIME
Alexandra Sifferlin



TIME
Alice Park



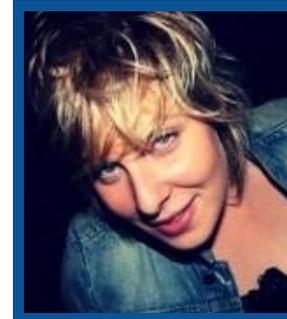
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The Guardian
Hannah Devlin



THE STRAITS TIMES
Janice Tai



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Kashmira Gander



THE TIMES
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Kat Lay



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THE CONVERSATION
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WIRED
Matt Reynolds



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Meera
Senthilingam



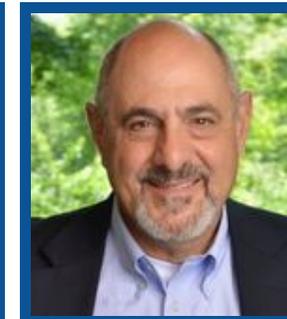
WIRED
Megan Molteni



nextavenue.
where grown-ups keep growing
Patricia
Corrigan



**MIT
Technology
Review**
Peter Dizikes



TheStreet
Robert Powell

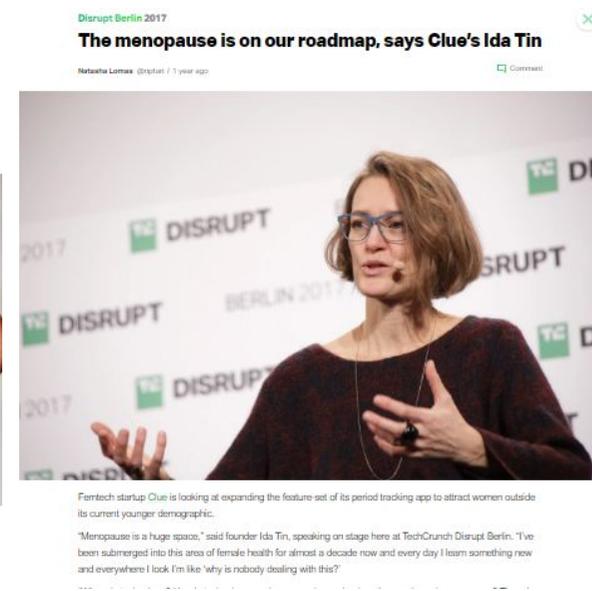


NATIONAL REVIEW
Wesley J Smith

The subject of Longevity is also becoming increasingly linked in the business media not only to biotechnology but also to AgeTech, the assortment of non-biomedical largely digital technologies which extend the healthy functioning lifespan of the elderly and thereby enable the Longevity economy.

AgeTech covers services purchased by older people; services purchased on behalf of older people; services traded between older and younger people; and services delivered to future older people. It includes novel retirement plans, cognitive enhancement, mobile apps for the elderly, finTech for the elderly, and continuing education entertainment for elderly.

Media coverage of AgeTech even extends as far as its overlap with FemTech, a term applied to a category of software, diagnostics, products, and services that use technology often to focus on women's health. Some FemTech which addresses health conditions that progress with age.



AgeTech Specialization



**POPULAR
SCIENCE**

Andrew Zaleski



mHealthIntelligence

Eric Wicklund



mHealthIntelligence

Jennifer Bresnick



WIRED

Liat Clark



Chicago Tribune

Mary Wisniewski



Forbes

Matthew Herper



mHealthIntelligence

Vera Gruessner

Venture Capitalist Promises \$1M To First Person To Reach 123rd Birthday



Sarah Hedgecock Forbes Staff
Pharma & Healthcare

Venture capitalist Dmitry Kaminskiy thinks he has what it takes to lengthen people's life spans: a million-dollar prize, which he will award to the first person to beat the current longevity record and reach his or her 123rd birthday.

Kaminskiy is senior partner at the Hong Kong-based Deep Knowledge Ventures, which invests in early-stage startups with an eye to increasing human longevity (the firm's current slate includes companies working on artificial intelligence, personalized medicine and gerontology). The last time the firm was in the news, it was for appointing an investment-predicting algorithm to its [board of directors](#).



Jean Clement on her 122nd birthday. Jean died at the age of 122.5 years in 1997, and holds the record for the longest lived human in history.

EXCLUSIVE: Moldovan oligarch pledges \$1 million prize to the first person that can live to be 123

Site Web

- The large prize is being offered by businessman, Dmitry Kaminskiy
- He hopes money will help create a new group of 'supercentenarians'
- Jeanne Calment holds the record of oldest person, dying aged 122.5
- He has made a \$1m bet with Dr Alex Zhavoronkov on who will die first

By [ZOLTAN ISTVAN FOR DAILYMAIL.COM](#)

PUBLISHED: 23:02 GMT, 10 April 2015 | **UPDATED:** 01:32 GMT, 13 April 2015



Jeralean Talley was an American supercentenarian who was, at the age of 116 years, 25 days, the world's verified oldest living person. She is pictured here with a photograph showing her and her late husband Alfred in her home in Inkster, Michigan.

"We live in the most exciting era of human development when technologies become exponential and transformative," Kaminskiy told DailyMail.com. "They may not realise it, but some of the supercentenarians alive today may see the dawn of the next century".

Anti-Aging Experts Made a Million-Dollar Bet on Who Dies Last



Zoltan Istvan

2/23/15 1:00pm • Filed to: LIFE EXTENSION

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Even 10 years ago, the idea of reversing aging and conquering human mortality was still fringe science, seen as snake-oil research by most scientists, large pharmaceutical companies, and the public. What a difference a decade makes. Anti-aging science is poised to become a major industry in the biotech world.

To prove its promise, the first million-dollar bet on who can live the longest (for company stock—a signed deal likely made public later this week) was recently struck. It was made last month by two leading longevity advocates at the [biggest](#) annual healthcare investing event of the year, the JPMorgan Health Care Conference.

Dmitry Kaminskiy, senior partner of Hong Kong-based technology venture fund, [Deep Knowledge Ventures](#), and [Dr. Alex Zhavoronkov](#), PhD, CEO of bioinformatics company [Insilico Medicine Inc.](#) which specializes in



At January's JPMorgan Health Care Conference in San Francisco, Dmitry Kaminskiy (right) made a bet with Dr Alex Zhavoronkov (left), PhD, CEO of anti-aging company Insilico Medicine Inc. for a million dollars in stock who would live beyond 100 years of age

Dr. Zhavoronkov stated that "Longevity competitions may be a great way to combat both psychological and biological aging. I hope that we will start a trend."

Kaminskiy agreed saying: "I would really like to make similar bets with Bill Gates, Elon Musk or Mark Zuckerberg so they could live longer lives and create great products, but I don't think they will be worthy competitors on longevity. But I would like to challenge Sergey Brin and Larry Page to a similar competition due to their seemingly high interest in the sphere and Calico project."

Brit Billionaire Jim Mellon Says Biotech Is The Best Investment Now



Patrick Cox, CONTRIBUTOR
FULL BIO

Opinions expressed by Forbes Contributors are their own.



Shutterstock

We are in the midst of an unprecedented change. Life spans have nearly doubled since the beginning of the 20th century. In addition, recent advances in computer technology have had a huge impact on biological sciences, which means this trend will accelerate.

Still, most people think that the process of aging will go on pretty much as it is now. They're wrong.

Discoveries have been made that will yield radical increases in healthy life expectancies. These

biotechnologies will change everything—the way we live... and the way we invest.

Longer, Healthier Life Spans Require Dramatic Change



Jim Mellon

"I am thrilled to announce an initial investment into Insilico Medicine, which I hope will be the start of a long and productive collaboration. During the course of the past few months, I have travelled throughout Europe and America interviewing major figures in ageing research and learning about companies working in the field," said Mellon. *"I believe that Insilico is a truly remarkable platform for drug discovery, and my colleagues and I look forward to working with them to develop effective treatments for ageing".*



Billionaire Jim Mellon invests in anti-ageing research firm



Andrew McConaghie

April 11, 2017

Billionaire biotechnology investor Jim Mellon has unveiled an investment in an ambitious new venture which seeks to tackle ageing and age-related diseases.

Insilico Medicine is a big data analytics company which says its mission is to 'extend healthy longevity'.

This is a 'moonshot' target in health which has seen investment from a number of ambitious research groups in the last few years.

Founded in 2014 and based at the Emerging Technology Centers at the world-renowned Johns Hopkins University campus in Baltimore, Insilico applies deep learning artificial intelligence (AI) techniques to drug discovery, biomarker development, and ageing research.

The company is pursuing internal drug discovery in cancer, Parkinson's, Alzheimer's, sarcopenia and in 'geroprotectors' - therapeutics which aim to affect the root cause of ageing and age-related diseases.

Through its Pharma.AI division the company also provides advanced machine learning services to biotechnology, pharmaceutical and skin care companies.

Juvenescence aims to tap longevity ‘money fountain’

UK start-up raises \$50m to finance development of anti-ageing therapies



Clive Cookson, Science Editor JUNE 11, 2018

5 

“Our ethos is to advance the science that will add years of healthy life to every human being – and that is exactly what we are doing at record speed,” **said Mr Mellon.**

“The longevity business has quickly moved from wacky land to serious science, and within just a couple of decades we expect average human life expectancy in the developed world to rise to around 110”.

3,602 views | Jun 29, 2018, 12:29am

Are There No Limits To Human Lifespan? Here Is What This Study Said



Bruce Y. Lee Contributor
Pharma & Healthcare



Nabi Tajima (2nd L), who passed on April 22, 2018, lived to 117 years, 260 days, the third oldest verified age of all time. (Photo: JIJI PRESS/AFP/Getty Images)

For “The plateau of human mortality: Demography of longevity pioneers” study, a team of researchers analyzed data on 3,836 people in Italy who were ages 105 years and older across a 7-year period from January 1, 2009 to December 31, 2015. Over 87% of these people were women and during the time period, 2,880 deaths had occurred.

The researchers found that while other data had shown that the risk of death increases with increasing age, in their study population, this risk seemed to plateau after age 105 at 50% each year. In other words, a 107 or 108 year old person or older did not have a significantly higher risk of death than a 105 year old person.

3,999 views | Feb 14, 2018, 09:12pm

Company Seeks To Combat Aging And Disease With AI And Deep Learning



Robin Seaton Jefferson Contributor

“Listen, and understand. That terminator is out there. It can't be bargained with. It can't be reasoned with. It doesn't feel pity, or remorse, or fear. And it absolutely will not stop, ever, until you are dead.”~Kyle Reese, “The Terminator”

3,509 views | Jun 12, 2018, 12:50pm

AI And Biotech Companies In The East And West Invest In Combating Aging



Robin Seaton Jefferson Contributor

5,733 views | Feb 27, 2018, 12:44am

AI Scientists Via Their 'Aging Clock' May Have Discovered How To Rewind Our Biological Clocks



Robin Seaton Jefferson Contributor



Shutterstock

“I never went through a biological clock experience. I never even heard it ticking.”~Jane Lynch

Well laughing it off may have worked for Comedian Jane Lynch, but for most of us, our biological clocks are not just

ticking. They're pounding.

“The emergence of China in AI—in research in particular—shows they are no longer a follower. So the U.S. needs to invest in AI and biotech more than in military or trade wars that only make geo-political tensions worse. Investing in biotech benefits everyone on the planet. It's a pretty good trend.” said Alex Zhavoronkov, PhD, CEO of Insilico Medicine, Inc.



FERTILITY

RATIONAL REPRODUCTION

Rational reproduction: how technology is improving on nature

NATASHA LODER | APRIL/MAY 2016



HEALTH

IS THERE A DOCTOR IN MY POCKET?

Advances in medical technology can be painfully slow. But, Natasha Loder argues, we are on the verge of a transformation in health care that will render visiting the doctor a thing of the past



NATASHA LODER | OCTOBER/NOVEMBER 2017



Articles by Natasha Loder

Latest on National Health Service

 Raising fuel duty 'absolute madness', says Tory MP

 NHS launches its biggest recruitment drive

 NHS develops contingency plans deal Brexit

National Health Service [+ Add to myFT](#)

FT Health: The NHS and funding for health

Helen Clark, child mortality, smartphone addiction



© FT montage

Andrew Jack and Darren Dodd JANUARY 12, 2018

1

FT Health: Combating Cancer

Health [+ Add to myFT](#)

Drug costs prompt fears of 'financial toxicity' in cancer care

High prices subject some patients to long-term collateral damage to incomes and health



Policymakers, as well as physicians and patients, are increasingly concerned about the affordability of cancer drugs © Getty

Andrew Jack MAY 31, 2018

1

Articles by Andrew Jack

Top-Tier Finance and Business Media Conferences on Longevity



Longevity is now regularly embraced as a major topic of interest for panel discussions and entire conference series by top-tier finance and business media brands including *The Economist*, *Financial Times* and *Bloomberg*.



FINANCIAL TIMES LIVE	
12:10pm	Aging and Longevity
	Dmitry Kaminsky , Co-Founder and Senior Partner, <i>Deep Knowledge Ventures</i>
	Alex Zhavoronkov , CEO, <i>Insilico Medicine</i>
	Joseph Antoun , Chairman & CEO, <i>L-Nutra</i> ; Chairman, <i>Global Healthspan Policy Institute</i>
	Aubrey de Grey , Vice President of New Technology Discovery, <i>AgeX Therapeutics</i>

A GLOBAL NETWORK OF INNOVATORS

AGING^{2.0}

**BLOOMBERG LONGEVITY ECONOMY
CONFERENCE**

Top-Tier Financial Institutions and Business Analytics Firms Show Interest in Longevity Through Conferences and Reports

CREDIT SUISSE

Credit Suisse featured Health and Aging as one of four main themes in their 2018 Global MegaTrends Conference



Julius Baer held a major forum on the topic of "Investing in Longevity" featuring a keynote presentation by Aging Analytics Agency Founder Dmitry Kaminskiy

Julius Bär

EXTENDED LONGEVITY



SHIFTING LIFESTYLES 4 min

Do we really want to live forever?



SHIFTING LIFESTYLES 3 min

Longevity: How to make the most of the extra years



UBS featured "Living to 150" as one of six major topics in their 2018 Healthcare Summit, featuring a keynote presentation by prominent Longevity entrepreneur Alex Zhavoronkov

UBS

UBS Investor Watch

The century club

The rising prospect of living ten decades

UBS

UBS Investor Watch

80 is the new 60

Retirement is one word, but **three phases**

UBS also issued a report on the "largest survey of wealth investors in the world to date", concluding: "Don't let skepticism about living to 100 keep you from planning for it. Life expectancies are rising, and it's a real possibility. In fact globally, nine in 10 investors are already adjusting how they are planning for their life and their legacy."



CitiBank released a landmark report detailing the rise of the Longevity Industry, and highlighting it as one of the quickest-rising sectors being driven by disruptive innovation today.

ANTI-AGING THERAPIES AND SERVICES MARKET

- TRENDS AND GROWTH OPPORTUNITIES, FORECAST TO 2022

FROST & SULLIVAN

Frost and Sullivan also released two prominent reports on the emerging Longevity Industry, and in 2018 created the "Award for Innovation in Artificial Intelligence for Aging Research and Drug Development".

Top-Tier Financial Institutions and Business Analytics Firms Show Interest in Longevity Through Conferences and Reports

- Longevity is a recurring topic of analytical market reports from leading finance/analytical institutions such as **CitiBank, Frost and Sullivan & UBS Group**.
- Many of these documents offer 'landscape overviews', attempts to illustrate and systematise the industries in their present state of development and determine which are the key components.
- They begin by describing the coming demographic crisis, continue by outlining some of the solutions and conclude by describing the *dividends* that can be enjoyed by a society with an increased healthspan.
- This signals not only the increasing acceptance of Longevity generally, but its increasing acceptance among the world's leading business, finance, economic and investment thought-leaders.



Barclay's Private Bank Embraces Longevity in Beyond 100 Whitepaper

In 2018 Barclay's Private Bank produced a specially-commissioned report, in which world-leading sector experts examine what rapid advances in biotechnology mean for the future of everything from medicine to sporting competitions and the economy.

"Longevity is of keen interest to many of our clients. They want to understand the technologies that are supporting this kind of advancement, and how we can help them invest and participate."

- Karen Frank, CEO of Barclay's Private Bank & Overseas Services



Beyond 100: Whitepaper

23 November 2018

Breakthroughs in bioscience could increase life expectancies and help people live fitter, healthier lives for much longer than we thought possible. We have spoken to world-leading experts to find out the economic and societal implications.



Introduction

When Bryson William Verdun Hayes turned 100, he celebrated by jumping out of a plane. A year later, the British World War II veteran became the oldest tandem skydiver on record after completing a jump with his family.

The prospect of being alive for longer has always fascinated us. But adding more years to our life is only half the story.



Beyond Human Limits: Whitepaper

01 May 2019

Introduction

Over the past 500 years, advances in technology have led to m thrive – from faster, more powerful transportation to smarter, n

Bank of America Prepares for Centenarian Lifespans

This month (May 2019), the Bank of America, one of Wall Street's major investment banks, claimed that one of the biggest investment opportunities over the next decade will be in companies working to delay human death, a market expected to be worth at least \$600 billion by 2025. Bank of America Merrill Lynch analysts Felix Tran and Haim Israel predicted that genome sequencers such as Illumina, high-tech players such as Alphabet and biotech companies such as Novartis are on the cusp of "bringing unprecedented increases to the quality and length of human lifespans."

This pronouncement made headlines in a number of financial publications, including CNBC's Investor section, and the International Business Times.

"Medical knowledge will double every 73 days by 2020 vs. every 3.5 (years) in 2010, and genomic sequencing costs have fallen 99.999% since 2003," Israel and Tran stated.

"This has enabled a new frontier in precision medicine to further extend life expectancy, heralding a 'techmanity' (technology meets humanity) revolution."

Human lifespan could soon pass 100 years thanks to medical tech, says BofA

PUBLISHED WED, MAY 8 2019 - 2:32 PM EDT | UPDATED WED, MAY 8 2019 - 11:14 PM EDT

Thomas Franck
@TOMWFRANCK

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KEY POINTS

- One of the biggest investment opportunities over the next decade will be in companies working to delay human death, a market expected to be worth at least \$600 billion by 2025, according to Bank of America analysts.
- The analysts say companies such as Illumina and Alphabet are on the cusp of "bringing unprecedented increases to the quality and length of human lifespans."
- The Bank of America team highlights five key sub-themes, as well as several stocks with exposure to the trend.



Bank of America Merrill Lynch analysts Felix Tran and Haim Israel believe that genome sequencers such as Illumina, high-tech players such as Alphabet and biotech companies such as Novartis are on the cusp of "bringing unprecedented increases to the quality and length of human lifespans."



UBS Centenarians Club Members Expect to Live 100+ Years



The screenshot shows the UBS Investor Watch website. At the top left is the UBS logo. Below it, the text 'UBS Investor Watch' is displayed. A navigation bar contains several menu items: 'Return on values', 'The century club' (which is underlined in red), 'Entrepreneurs', 'The value of collecting', 'Retiring old clichés', 'Ready to act', and 'The ties that bind'. The main heading of the article is 'The century club' in a large, dark font. To the right of the heading is a 'Share this page' link with icons for Facebook, LinkedIn, and Twitter. Below the heading is a sub-headline: 'The rising prospect of living ten decades'. The date '19 Apr 2018' is shown below the sub-headline. The main image of the article is a large, stylized number '100' rendered in a reddish-brown, outlined font. The '1' is composed of three vertical lines, and the '00' are formed by multiple overlapping loops.

In April 2018, UBS Investor Watch, the world's largest surveyor of wealthy investors documented the general state of investor optimism about longevity globally, particularly their own. It found that:

- Nine out of 10 believe their health to be more important than their wealth.
- Many investors are anxious about the financial implications of old age, with healthcare costs being a top concern.
- Investors also worry about having less wealth to pass on to successors.

UBS Investor Watch concludes:

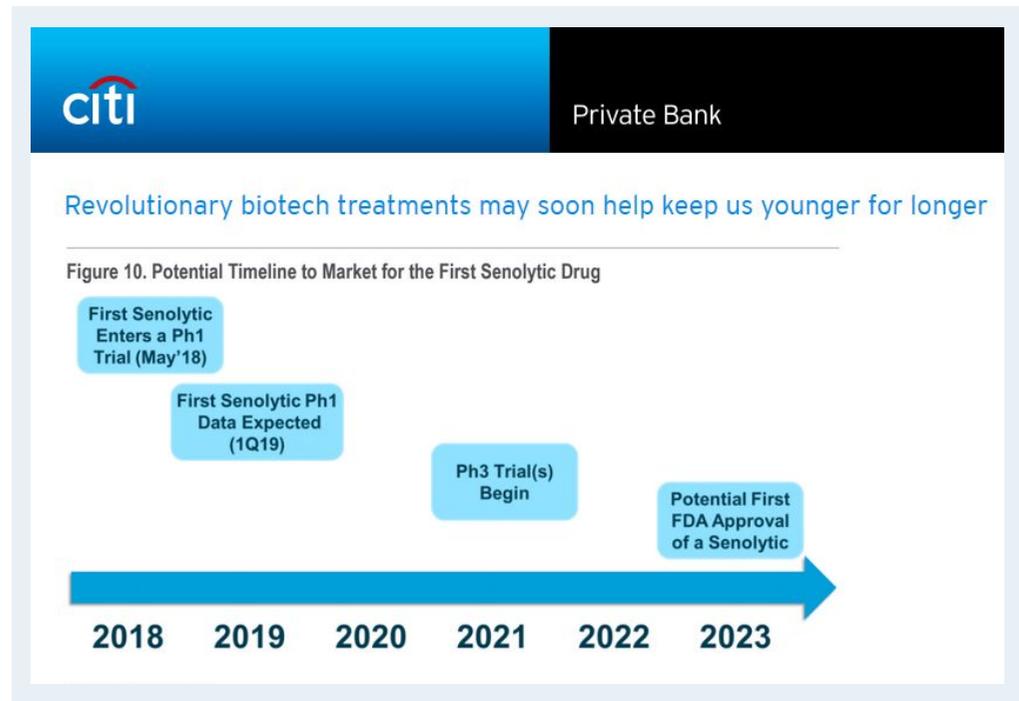
“Don't let skepticism about living to 100 keep you from planning for it. Life expectancies are rising, and it's a real possibility. In fact globally, nine in 10 investors are already adjusting how they are planning for their life and their legacy.”

CitiBank Features a Chapter on Longevity in their 2018 Annual Report

CitiBank listed anti-aging drugs as one of ten disruptive innovations in a recent report written for its clients, in order to show them which technologies to invest in to reap long-term economic gains.

The chapter's main author noted that recent advancements in rapidly-maturing longevity science have the potential to “could spawn FDA-approved therapeutics potentially in the next decade, with the primary goal of keeping us younger and alive for longer. With scientific breakthroughs emerging this decade on the cellular origins of why the tissues in our body’s age, novel anti-aging medicines may become one of the next big disruptions in the healthcare market.”

Recent advances in senolytics was the most prominent Longevity technology highlighted by the report, which projects that the first senolytic to enter the market may be approved as early as 2023.



Frost & Sullivan Releases Longevity Reports and Webinars

Perhaps the most illustrative of this new wave of report-work coming out of leading analytical firms, the Frost and Sullivan industry reports have been using a unique style of stark, eye-catching diagrams and illustrations offering at-a-glance overviews of key future trends, forecasts and opportunities.

They recently gave prominent coverage of the topic of Longevity through their “*Anti-Aging Therapies and Service Market*” analytical report, with simple illustrations making the demographic challenges opportunities for industry growth abundantly clear.

Longevity was also a prominent topic of Frost & Sullivan’s “*Conquering Aging: Novel Technology Disruptions in the Anti-Aging Industry*” webinar, featuring an overview of recent developments from Longevity companies Insilico Medicine, ChromaDex and Dthera Sciences.

ANTI-AGING THERAPIES AND SERVICES MARKET
- TRENDS AND GROWTH OPPORTUNITIES, FORECAST TO 2022

INSTANT DOWNLOAD

FROST & SULLIVAN Market Engineering
Anti-Aging Therapies and Services Market—Trends and Growth Opportunities, Forecast to 2022
Focus on Integrative Solutions Combining Dietary Supplements and Aesthetic Solutions with Clinical Therapeutics as the Market Moves Toward a ‘Prevent-Manage-Repair’ Continuum
Global Transformational Health Research Team at Frost & Sullivan
Research in Collaboration with A4M
A4M MMI
REDEFINING MEDICINE
MOB7-S2
June 2018



Frost & Sullivan use striking artwork to map the Longevity industry.

Leading Private Wealth Banks Beginning to Organize Conferences on Longevity and Anti-Aging

2016 - 2017 saw a number of prominent business and financial media brands embrace the topic of Longevity through a series of landmark conferences.

In 2018, leading investment banks and traditional financial institutions (including **Julius Baer**, **UBC** and **Credit Suisse**) followed suit, holding a series of Longevity investment and Finance-focused summits and forums for their executives and their clientele.

We can expect this trend to not only continue but accelerate in the future, with an increasing number of investment and financial institutions holding similarly themed events for their professional networks and high net-worth clients. We expect these highly-networked events to serve as an ideal space where expertise and investors have mutual access and a longevity business community can take root.



As published in
Your Wealth & Life: Navigating longevity

Longevity planning

for retirees



How Increasing Longevity Affects Us All?: Market, Economic & Social Implications

Global Demographics and Pensions Research

Julius Bär

EXTENDED LONGEVITY



SHIFTING LIFESTYLES

4 min

Do we really want to live forever?



SHIFTING LIFESTYLES

3 min

Longevity: How to make the most of the extra years

Health and Aging Featured as Key Topic at Credit Suisse Global Megatrends Conference

CREDIT SUISSE



Credit Suisse Global Megatrends Conference

April 18, 2018, Fairmont Singapore

The Global Megatrends Conference hosted by Credit Suisse brings together experts and thought leaders in the world of business and politics to meet and share their insights in the latest megatrends that are likely to shape the future of investments, among which was listed the demographic challenge. This was broken down into :

- Urbanization
- **Health and aging**
- Knowledge economy
- Crowded world

In his keynote speech, Alex Zhavoronkov, cofounder of Insilico Medicine, which brings genomics, big data analysis, and deep learning to bear on drug discovery, responded to the 'health and aging' aspect of the demographic challenge by describing the impact of technology on healthcare.

Date: Thursday, 30 October, 2018

Venue: Soho Hotel, 4 Richmond Mews, London W1D 3DH

17:30 Guest Registration Welcome

18:00 Christian Berchem, CEO Credit Suisse (UK) Ltd

Keynote

18:10 Pierre Bose, Head of European Strategy, Credit Suisse

How technology is revolutionizing health care

Dr Alex Zhavoronkov, CEO

18:30 Insilico Medicine

Jason C. Foster, Managing Director, Health Equity Consulting Pascal Mercier, Product Specialist Thematic Equity Funds, Credit Suisse

19:00 Q&A

19:30 Drinks reception

Several Keynote Presentations on Longevity Featured at 2018 UBS Healthcare Summit Singapore



Key themes like transformative trends and enabling innovations in the healthcare industry will take center stage in year's UBS Healthcare Summit 2018. By providing an exceptional platform to deepen networks in the industry, the summit brings together forward-thinking leaders, captains of industry and renowned speakers who are at the forefront of the transformative trends in healthcare, life science and technologies.

Thematic topics include:

- The future of healthcare
- Singapore's biotech inflexion
- Living to 150
- Big data and artificial intelligence
- Disruptive healthcare business models
- Investment opportunities in healthcare

Dr. Alex Zhavoronkov (CEO of Deep Knowledge Ventures' portfolio company Insilico Medicine) delivered a keynote presentation on the topic of "Living to 150" at the UBS Healthcare Summit in October 2018.

14:10-14:30	Living to 150 Dr. Alex Zhavoronkov, Founder and Chief Executive Officer, Insilico Medicine Inc.
14:30-14:50	Managing digitalized life Ying Rui LI, Co-Founder and Chief Scientist, iCarbonX

Julius Baer Bank Holds “Investing in Longevity” Forum in London



Program of the Forum “Investing in Longevity”

Julius Bär

KEY SPEAKER:
Mark Winterburn, Senior Investment Adviser, Julius Baer International Limited

Guest speaker: “5 myths of longevity interventions”
by James Peyer, PhD, Apollo Ventures, Hamburg, Germany

“The Business of Longevity: Landscape, Investment and Financial Projections”
by Dmitry Kaminskiy, Deep Knowledge Ventures

Julius Bär

Julius Baer, the Swiss multinational private bank founded and based in Switzerland and headquartered in Zürich, recently held a forum entitled “Investing in Longevity”. At the forum, Dmitry Kaminskiy participated in the investor’s panel and delivered a keynote presentation on “The Business of Longevity: Landscape and Financial Projections” on behalf of Deep Knowledge Ventures and Aging Analytics Agency.

During the presentation, he spoke about the current Longevity Industry landscape, projections for the next several years, and gave an overview of Aging Analytics Agency’s classification framework for categorizing Longevity companies and for formulating optimal investment targets, identifying over-valuated and under-valuated companies, and for avoiding the mistakes made by traditional venture capital funds operating in this sphere.

He also spoke on the rising subsector of Longevity Finance, and how institutions in the finance sector from pension funds to insurance companies and investment banks are taking an interest in Longevity.



**Julius Baer Bank Forum
“Investing in Longevity”**

**The Business of Longevity:
Industry Landscape
Investment and Financial Projections**

Dmitry Kaminskiy

**Deep Knowledge Ventures
Aging Analytics Agency**

6th December 2018, London

 **DEEP KNOWLEDGE ANALYTICS**

 **AGING ANALYTICS AGENCY**

Conclusions

A mere five years ago the topic of Longevity was rarely covered in a serious manner by reputable media outlets, often portrayed as fringe science and, when not, often covered in an overly simplistic and optimistic light.

Today, serious and sober articles on the topic of Longevity are routinely covered by the world's leading science and business news outlets.

Longevity media in some ways serves as the pulse of the Longevity industry, in the sense that Longevity media pick up on the most predominant industry trends, and respond adaptively to changes in the shifting industry landscape. Thus, an analysis of the Longevity media landscape can serve as a window into the most predominant trends in the Longevity industry itself.

Based on our analysis, a number of overarching trends can be seen:

- Coverage of ongoing developments in Geroscience (the Science of Longevity) are not only becoming increasingly numerous, but more and more conservative and realistic as well. The Longevity Journalism landscape is showing heightened coverage of geroscience topics that focus on tangible specifics and results, and less articles that portray the latest geroscience discovery as a long-awaited immortality pill.
- We are seeing increased coverage of ageing as a legitimate risk-factor for disease, and as a biological phenomenon that the scientific community is on the one hand coming to understand in greater and more tangible detail, and on the other hand as something that can be tangibly manipulated and modulated via a variety of therapeutic and environmental factors.
- The intersection of Longevity with a variety of distinct but convergent technologies, industries and disciplines, including Personalized and Preventive Medicine, Artificial Intelligence, Blockchain and the Financial Industry is receiving heightened coverage as well.

Conclusions

- Most historical coverage of the relation between Longevity and Finance has been limited to how the extension of healthy longevity could impact national healthcare systems and economies, and how actively funding and supporting the practical translation of healthspan extension therapies could help to avoid an economic crisis caused by healthcare systems overburdened by end-of-life care for baby boomers, and stagnating economies overloaded dependency ratios. However, the clinical translation of treatments to extend healthy longevity also have dramatic implications for other facets of the financial industry as well, including in particular pension systems and the insurance industry, which will need to reformulate their business models in fundamental ways in order to brave the coming wave of healthspan extension. We are seeing an increasing number of articles focusing on this topic, as well as on the ways in which elderly demographics will need to modify their retirement plans in the expectations of remaining functional members of the workforce for longer and longer periods of time.
- The Longevity Journalism landscape is also seeing an increasing of number of articles on the subject of AgeTech as well, a topic that encompasses any non-biomedical technology that can improve quality of life elderly citizens and help them remain as functional members of the workforce, ranging from FinTech to VR and AR, advanced IT technologies, and even NeuroTech and SleepTech. This is not only an important and often-overlooked aspect of the Longevity Industry, but also one of the sectors closest to real practical applications, and one that will have some of the largest near-term ramifications on the nature of growing old. While we see a lesser number of articles focusing on this topic than, for example, ones on the Science or the Business of Longevity, their number is nonetheless growing.
- We are also witnessing a rapid increase in the number of articles focusing on the Longevity Industry, and the fast-rising number of new commercial ventures aiming to targeting biological ageing itself. The past few years have seen billions of dollars enter the industry, signalling that the Science of Longevity has matured, and is very close to achieving practical applications in the clinic. We can expect the proportion of articles focusing on the Business side of Longevity to increase to the point of matching the proportion of coverage on the Science of Longevity in the next few years.

Conclusions

- BioPharma and IT giants are making significant investments in healthtech, and we are witnessing an increased interest for Artificial Intelligence in healthcare from both companies, investors and the general public.
- P3 (Personalized, Precision, Preventive) Medicine is gaining increasing support from government bodies and regulatory agencies. The FDA have released several reports in the past few years focusing on personalised medicine and voicing their commitment to reformulate FDA guidelines in order to accomodate for the testing and evaluation of personalised medicines.
- Advanced Biomedicine in general, such as gene therapies, cell therapies and regenerative medicine, are also garnered increasing support from governmental and regulatory bodies, as evidenced by Japan's recent decision to create a fast-track category for regenerative medicine-based therapies.
- AI and Blockchain in Healthcare are receiving increasing levels of funding and media coverage, and are now widely recognised as having the potential to disrupt the healthcare industry and yield an accelerated pace of development in the formulation, testing and approval of advanced biomedical therapies
- The Longevity industry is rising an an unprecedented pace, in terms of both overall funding as well as the entry of new industry players, and is now recognised as a topic on the forefront of healthcare and advanced biomedicine generally, being featured as a topic at the most prominent healthcare conferences, and receiving positive coverage from some of the most conservative healthcare and business media brands.

100 Journalists Covering Longevity and Advanced Biomedicine

Allen Cone

UPI News Agency

Location: USA

Sector: The Science of Longevity

Allen covers health news, including enterprise stories, and serves as an editor at least one day a week. Previously he was breaking news writer, covering national and world's topics, business, health, defense, odd and entertainment from original sources and aggregated media outlets.

Articles:

1. ['Longevity' vitamins may slow chronic diseases, prolong healthy aging](#)
2. [Study: Mice healthier, live longer with increased daily fasting times](#)
3. [Light physical activity may lower risk of death for older men](#)

UPI

Alexandra Ossola

75

Popular Science

Location: USA

Sector: The Science of Longevity

Alexandra (Alex) Ossola is a science journalist based in Brooklyn, New York. She freelanced for several years. She is currently the managing editor at Futurism. She sometimes still freelancers on the side.

Articles:

1. [Bacteria 'Fight Club' Could Help Find New Cures For Diseases](#)
2. [Is living forever going to suck?](#)
3. [Brain Implants Will Drive Our Evolution and “Extend Our Capabilities”](#)
4. [Tweaking One Enzyme Doubles A Worm's Lifespan](#)
5. [Hormone Boosts Immune Function And Might Extend Your Lifespan](#)
6. [Antidepressants Extend The Lives Of Roundworms By Flipping Genetic Switches](#)
7. [Is Getting Old A Disease?](#)

POPULAR SCIENCE

Alexandra Sifferlin

76

Time

Location: USA

Sector: Aging & Society

Alexandra is a public health staff writer covering science and medicine for TIME Magazine and TIME.com. Recent cover stories include The Zika Virus, The Weight Loss Trap, and How Botox Became the Drug That's Treating Everything. Recently broke the news of the first birth from uterus transplant in the U.S. She is a medical reporter on TIME's Nation Taskforce, covering health-related issues under a new administration including health care changes, the ongoing opioid epidemic, and the state of science in America.

Articles:

1. [Is an Anti-Aging Pill on the Horizon?](#)
2. [The Surprising Secrets to Living Longer – And Better](#)
3. [This Amount of Exercise Keeps Your Heart Young](#)
4. [How Exercising Into Old Age Can Keep Your Immune System Young](#)

Alice Park

77

Time

Location: USA

Sector: Aging & Society, Geroscience

Alice Park is a senior writer at TIME. Since 1993, she has reported on the breaking frontiers of health and medicine in articles covering issues such as AIDS, anxiety and Alzheimer's disease. Park has received two CASE media fellowships – the first in 2000 to Harvard Medical School, where she designed a program focused on the latest understanding of AIDS, and the second in 2003 to UCLA's Medical School, where she researched the growing number of clinical applications of genomic research.

Articles:

1. [This Study Could Explain Why Our Brains Perform Worse As We Age](#)
2. [This Compound Can Reverse Aging in Mice. Will It Work in People?](#)
3. [How Scientists Are Testing Cancer Drugs to Slow Down Aging](#)
4. [Here's How Much Exercise You Need to Keep Your Brain Healthy](#)

Alison Coleman

Forbes

Location: United Kingdom

Sector: Business

Alison is a freelance journalist, founder of Coleman Media. For the last 20 years she has covered business stories for national and international online and print publications, with a special interest in entrepreneurs and their startups. Away from business, she is an accomplished ghostwriter: 'Pure Dynamite - The Autobiography of the Dynamite Kid', was a satisfying journalistic diversion.

Articles:

1. [Global Healthcare Recruitment Market Is Ripe For Entrepreneurial Picking](#)
2. [The App That Aims To Put Your Lifespan In Your Hands](#)

Forbes

Alvin Powell

The Harvard Gazette

Location: USA

Sector: Business

Alvin is an author and senior science writer at the Harvard Gazette. He also teaches journalism at the Harvard Extension School.

Articles:

1. [Longevity and anti-aging research: 'Prime time for an impact on the globe'](#)
2. [The science and business of aging](#)
3. [A gathering to battle cancer](#)

Andrew Zaleski

80

Popular Science, CNBC

Location: USA

Sector: AgeTech, Business

Mostly Andrew writes about technology, science, and business. His articles have been published in Bloomberg Businessweek, Popular Science, Wired, The Washington Post Magazine, Men's Health, The Atlantic, Fortune, Medium, Curbed, Outside, Politico Magazine, New York Magazine, and elsewhere. Occasionally he writes for the Los Angeles Review of Books.

Articles:

1. [Bill Faloon has pursued immortality for decades. Now he's got lots of company. What does science have to say?](#)
2. [Why Jeff Bezos is backing this Silicon Valley scientist who is working on a cure for aging](#)

Anna Azvolinsky

The Scientist

Location: USA

Sector: The Science of Longevity

Anna covers health, cancer, genomics, science policy, biotechnology, climate change and other topics. Her articles and podcasts can be found on CancerNetwork, the online website of the journal ONCOLOGY, Nature Medicine, The Scientist, the Journal of the National Cancer Institute, Livescience, OncLive, and Princeton Alumni Weekly.

Articles:

1. [Circadian Clock and Aging](#)
2. [Protein Protects Aging Brain](#)
3. [Another Bird Telomere Study, Different Results](#)
4. [Birds With Older Fathers Have Shorter Telomeres, Lifespans](#)
5. [Of Cells and Limits](#)
6. [An Aging-Related Effect on the Circadian Clock](#)
7. [Early-Life Stress Affects Telomeres Later](#)

Antonio Regalado

MIT Technology Review

Location: USA

Sector: Business / Geroscience

Antonio is the senior editor for biomedicine for MIT Technology Review. He looks for stories about how technology is changing medicine and biomedical research. Before joining MIT Technology Review in July 2011, he lived in São Paulo, Brazil, where he wrote about science, technology, and politics in Latin America for Science and other publications. From 2000 to 2009, Antonio was the science reporter at the Wall Street Journal and later a foreign correspondent.

Articles:

1. [Y Combinator Will Give You \\$1 Million to Try to Cure Aging](#)
2. [A massive study of family trees finds no gene for longevity](#)
3. [Is This the Anti-Aging Pill We've All Been Waiting For?](#)
4. [A stealthy Harvard startup wants to reverse aging in dogs, and humans could be next](#)
5. [Google's Long, Strange Life-Span Trip](#)
6. [In New Anti-Aging Strategy, Clearing Out Old Cells Increases Life Span of Mice by 25 Percent](#)
7. [A Tale of Do-It-Yourself Gene Therapy](#)

Ben Steverman

Bloomberg

Location: USA

Sector: Finance

Ben is a reporter for Bloomberg News, specializing in personal finance and other topics. He previously served as an editor on the Bloomberg investing team, Bloomberg.com's deputy personal finance editor, and the lead financial writer for Businessweek.com. He has also worked at BusinessWeek (the McGraw-Hill version), the Minneapolis Star-Tribune, Investor's Business Daily, and other publications. His favorite topics are taxes, retirement, debt, inequality, investing, demographics, aging, marriage, divorce, and death.

Articles:

1. [The Rich Are Betting On Living to 100](#)
2. [Stock Wealth Surges for the Oldest Americans While the Young Miss Out](#)
3. [Americans Are Retiring Later, Dying Sooner and Sicker In-Between](#)
4. [Thank Richard Thaler for Your Retirement Savings](#)
5. [Older Americans Aren't as Poor as We Thought](#)
6. [Working Past 70: Americans Can't Seem to Retire](#)
7. [Rich Retirees Are Hoarding Cash Out of Fear](#)
8. [The Rich Are Living Longer and Taking More From Taxpayers](#)

Bob Grant

The Scientist

Location: USA

Sector: The Science of Longevity

Bob started with The Scientist as a staff writer in 2007. Before joining the team, he worked as a reporter at Audubon and earned a master's degree in science journalism from New York University. In his previous life, he pursued a career in science, getting a bachelor's degree in wildlife biology from Montana State University and a master's degree in marine biology from the College of Charleston in South Carolina. Bob edits Reading Frames and other sections of the magazine.

Articles:

1. [Blood Protein as Youth Rejuvenator](#)
2. [Inferior Sperm](#)
3. [Studies: Ketogenic Mice Live Longer, Healthier Lives](#)
4. [Older Trees Grow Faster](#)
5. [Depression Speeds Aging](#)
6. [Baldness Genes Discovered?](#)
7. [Brain Proteins May Be Key to Aging](#)

Brandon Keim

85

Wired

Location: USA

Sector: The Science of Longevity

Brandon Keim is a freelance journalist specializing in animals, nature, and science. His work has appeared in publications including The Atlantic, WIRED, National Geographic News, Aeon, Nautilus, Scientific American Mind, The Guardian, Chronicle of Higher Education, Audubon Magazine, Mother Jones, Conservation, NOVA and Stanford Social Innovation Review. He has made broadcast appearances on NPR's Science Friday and Here & Now, PRI's The World and CBC's As It Happens.

Articles:

1. [New Longevity Drugs Poised to Tackle Diseases of Aging](#)
2. [USC Gerontologists Set Longevity Record](#)
3. [How to Do the Ultimate Aging Study](#)

Brian Wang

NextBigFuture

Location: USA

Sector: The Science of Longevity / Business

A business-oriented futurist, speaker and author of emerging and disruptive technologies. Sole author and writer of nextbigfuture.com, a science-focused news site that covers disruptive technologies and trends globally in industries including Blockchain, Space, Medicine, Technology, Science, Artificial Intelligence, Robotics, Biotechnology, Nanotechnology, etc.

Articles:

1. [Triphala herbal supplement and probiotics boost fruit fly lifespan by 60%](#)
2. [Asian American men in New Jersey live longer than high life expectancy Hong Kong Women](#)
3. [Kurzweil talks about the current deep learning need for billions of examples or generation of examples](#)
4. [80 year old billionaires are injecting Placental stem cells to boost lifespan and health](#)
5. [A World with Successful Reversal of Aging will first see twenty year old mice and young Stallone](#)
6. [Ten year study of caloric restriction finds mouse lemur increases lifespan by 50%](#)
7. [Pathway to radical longevity – Induced Tissue Regeneration explained](#)
8. [Extending Healthy Human Lifespan is Near](#)
9. [AnAge database of animal longevity and other aging databases](#)



Carl Engelking

Discover Magazine

Location: USA

Sector: The Science of Longevity

Experienced digital in the publishing industry, Carl has strong media and communication professional with the following skills: journalism, video editing, audio editing, content management and project management.

Articles:

1. [Simple Facial Scans Reveal How Fast a Person Is Aging](#)
2. [Naked Mole Rats Defy Mortality Mathematics](#)

Carol Marak

88

The Huffington Post

Location: USA

Sector: Aging & Society

A former family caregiver who helped aging parents throughout the care process. Earned a Fundamentals of Gerontology Certificate from the USC Davis School of Gerontology and writes about personal concerns faced while growing older. Founder, Elder Orphan Facebook group.

Articles:

1. [The Aging Issues Every Presidential Candidate Needs To Address](#)
2. [Looking for the Next Billion Dollar Tech Market? Aging Experts Offer 6 Resources to Understand Seniors' Needs](#)
3. [WHCOA: 5 months later, Experts report in](#)
4. [Can the Sharing Economy Solve the Financial Overload of the Aging Growth Problem?](#)
5. [Elder Orphans: A Baby Boomer's Aging-Alone Plan](#)
6. [15 Reasons that Motivate You to WANT to Grow Old](#)
7. [Elder Orphans: Steps that Block the Failures of Modern Death](#)
8. [How Social Media Can Help Stamp Out Ageism](#)

Carolyn Rosenblatt

Forbes

Location: USA

Sector: Aging & Society

Carolyn has an abiding interest in health issues and particularly, healthy aging. She is the author of four books, "The Boomers Guide To Aging Parents," "The Family Guide To Aging Parents," "Working With Aging Clients: A Guide for Attorneys, Business and Financial Professionals," and "Succeed With Senior Clients: A Financial Advisors Guide To Best Practice."

Articles:

1. [Aging Parents And Rehab Facilities: Know The Hidden Dangers](#)
2. [Aging Parents At A Distance: What Happens In An Emergency](#)
3. [We Can Control One Of The Likely Causes Of Alzheimer's Disease](#)
4. [10 Things You Should Know About Aging Parents And Assisted Living](#)
5. [Aging Parents And The Dangers Of Overmedication](#)
6. [How To Make Sure You'll Be A Burden To Your Children As You Age](#)
7. [Aging Parents, Pets And Long-Term Care](#)
8. [What It Takes To Be Healthy And Mobile At 100+](#)
9. [Aging Parents Living Alone: The Health Risks Of Isolation](#)
10. [How Technology Helps A Visually Impaired 95-Year-Old](#)

Charlotte Hu

90

Business Insider

Location: USA

Sector: The Science of Longevity

Charlotte is an Editorial Intern at Business Insider covering healthcare and science.



Articles:

1. [A scientist who studies aging reveals how restricting calories might offer protection against age-related diseases](#)
2. [Animals that defy the rules of aging – like naked mole rats – could help scientists unravel the secrets to longevity](#)
3. [These potential treatments for aging could unlock cures to a range of age-related illnesses, from cancer to heart disease](#)
4. [A Harvard-backed drug company is trying to develop medicine to treat and prevent aging-related diseases](#)

Christina Farr

91

CNBC

Location: USA

Sector: Business

Christina Farr is a technology and health reporter for CNBC.com in San Francisco. She most recently was a senior writer at Fast Company, covering biotech and health-tech for digital and print, and an Apple reporter at Reuters News. She hails from London, UK and is a graduate of Stanford's School of Journalism.

Articles:

1. [Amazon's secretive health team talking with AARP about making products for older people](#)
2. [Amazon employees went on a cross-country bus tour to learn about aging Americans](#)
3. [Tech elites are fasting and taking ice baths to push their bodies to work harder](#)

Chunka Mui

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Forbes

Location: USA

Sector: Aging & Society / Business

Chunka Mui is a futurist, innovation advisor and keynote speaker. He is the author of four books on innovation, including the New York Times business best seller, *Unleashing the Killer App: Digital Strategies for Market Dominance*. In 2005, *The Wall Street Journal* named that book one of the five best books on business and the Internet. *Inc.* and other publications named his 2008 book, *Billion-Dollar Lessons: What You Can Learn from the Most Inexcusable Business Failures of the Last 25 Years*, one of the best business books of that year.

Articles:

1. [Here's How Boomers Can Transform Rather Than Bankrupt Health Care](#)
2. [5 Reasons Consumer Technology Companies Will Transform Health Care](#)
3. [Here's How Amazon Could Disrupt Health Care \(Part 1\)](#)
4. [Here's How Amazon Could Disrupt Health Care \(Part 2\)](#)
5. [Here's How Amazon Could Disrupt Health Care \(Part 3\)](#)

Clare Ansberry

93

The Wall Street Journal

Location: USA

Sector: Aging & Society

Clare Ansberry is bureau chief of the Pittsburgh bureau of The Wall Street Journal. In 1984 Ms. Ansberry joined the Journal's Cleveland bureau as a reporter. She transferred to the Pittsburgh bureau as a reporter in 1985 and has covered banking, photography and the steel industry. In 1998 she was awarded a 1998 Missouri Lifestyle Journalism Award for her page-one story about Jessie Lee Foveaux. She also received a Casey Medals award from the Casey Journalism Center in 2005 and Darrell Sifford Memorial Prize in Journalism in 2005 from the Missouri School of Journalism, both citing stories on people with developmental disabilities.

Articles:

1. [An Overlooked Skill in Aging: How to Have Fun](#)
2. [Dealing With an Aging Parent's Alcohol Problem](#)
3. [Baby Boomers Get More Selective About Friends](#)
4. [The Call to Care for Aging Parents Comes Sooner Now](#)
5. [Forget 'Senior Citizen'—Aging Baby Boomers Search for Better Term](#)

Clive Cookson

Financial Times

Location: United Kingdom

Sector: The Science of Longevity / Business

Clive Cookson has worked in science journalism for the whole of his professional life. After journalism training on the Luton Evening Post, he became science correspondent of the Times Higher Education Supplement in London and then spent four years in Washington as American Editor of THES. He returned to London in 1981 as technology correspondent of the Times and moved to BBC Radio as science correspondent in 1983. He joined the Financial Times as technology editor in 1987 and has been Science Editor of the FT since 1991. He is an honorary member of the British Science Association and the American Academy of Arts and Sciences.

Articles:

1. [Dementia fund closes financing with \\$350m raised](#)
2. [Juvenescence aims to tap longevity 'money fountain'](#)
3. [Some treatments for depression and bladder linked to dementia](#)
4. [Personalised cancer treatment wins fast-track NHS approval](#)
5. [Scientists inch towards answers on how dementia works](#)

Connie Loizos

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TechCrunch

Location: USA

Sector: Business

Loizos has been reporting on Silicon Valley since the late '90s, when she joined the original Red Herring magazine. She is currently the Silicon Valley Editor of TechCrunch. She's also the founder of StrictlyVC, a daily e-newsletter and lecture series.

Articles:

1. [One of the youngest fund managers in the U.S. just launched her own accelerator, too](#)
2. [Jeff Bezos, Mayo Clinic back anti-aging startup Unity Biotechnology for \\$116 million](#)
3. [This 23-year-old just closed her second fund – which is focused on aging – with \\$22 million](#)

David Ewing Duncan

MIT Technology Review,
The New York Times,
The Atlantic

Location: USA

Sector: The Science of Longevity

David Ewing Duncan is an award-winning, best-selling author of nine books published in 21 languages. David is CEO and Curator of Arc Fusion, and a Health Strategist in Residence for IDEO. He is a columnist for the Daily Beast and the chief correspondent for NPR Talk's Biotech Nation. David writes for The New York Times, Atlantic, Fortune, Wired, National Geographic, Discover, and Outside, among others.

Articles:

1. [Longevity Pill Tested in Humans](#)
2. [The Enthusiast](#)
3. [How Long Do You Want to Live?](#)
4. [When I'm 164: How Can Bioscience Push the Limits of Lifespan?](#)
5. [When I'm 164: The Societal Implications of Radically Prolonged Lives](#)

David Rae

Forbes

Location: USA

Sector: Finance

David Rae a Certified Financial Planner™ and Accredited Investment Fiduciary® helping people make smarter financial decisions since 2003. Investopedia has name David one of the "100 Most Influential Financial Advisors" for 2017 and 2018. He is the founder of the FinancialPlannerLA.com blog. To engage you his readers, he frequently references both high and pop culture to illustrate how money, attitude and behavior influence each other, whether for good and for ill.

Articles:

1. [What Would You Pay For Extra Years Of Perfect Health?](#)
2. [Can The Golden Girls Give You The Best Retirement?](#)
3. [Elder Orphans: 5 Keys To A Better Retirement Without Children](#)

David Stipp

Scientific American

Location: USA

Sector: The Science of Longevity

David is a science writer whose work has appeared in Scientific American, New York Times, Wall Street Journal, Fortune, Slate.com, Science, and other publications. His earlier book, *The Youth Pill: Scientists at the Brink of an Anti-Aging Revolution*, is about the science of aging.

Articles:

1. [Can Fasting Slow Aging?](#)
2. [Beyond Resveratrol: The Anti-Aging NAD Fad](#)
3. [How Anti-Aging Drugs Could Help Medicare](#)
4. [Thinning the Fog around Sirtuins](#)
5. [How Intermittent Fasting Might Help You Live a Longer and Healthier Life](#)
6. [How Senescent Cells Spur Aging and Cancer](#)
7. [Naked Mole Rats Offer Clues to Living Longer](#)
8. [Does This Animal Live Unusually Long? \[Slide Show\]](#)
9. [Quest for Anti-Aging Drugs Transitions from Flaky to Mainstream](#)
10. [A New Path to Longevity](#)

Freelance (Scientific American, The Scientist, Quartz)

Location: Germany

Sector: The Science of Longevity

Diana is a freelance science journalist based in Berlin, Germany whose work has appeared both in print and online in numerous outlets including Scientific American, The Scientist, and Quartz.

Articles:

1. [Evidence for Human Lifespan Limit Contested](#)
2. [Caloric Restriction Slows Signs of Aging in Humans](#)
3. [Study: Telomeres Don't Shorten with Age in Longest-Lived Bats](#)
4. [Alzheimer's Should be Characterized by Biomarkers: Report](#)
5. [Company Sells a "Biological Age" Kit](#)
6. [Evidence for Human Lifespan Limit Contested](#)
7. [How to Tell a Person's "Brain Age"](#)
8. [An Epigenetic Aging Clock for Mice](#)

Edd Gent

100

Singularity Hub

Location: India

Sector: The Science of Longevity

Edd is a freelance science and technology writer based in Bangalore, India. His main areas of interest are engineering, computing and biology, with a particular focus on the intersections between the three.

Articles:

1. [Eternal Life Is No Good Without Eternal Youth](#)
2. [Cellular Reprogramming Rejuvenates Old Mice and Boosts Lifespans 30%](#)

Edmund Ingham

Haggerston Times

Location: United Kingdom

Sector: Business

Edmund likes to focus on the world's most exciting entrepreneurs and their companies, big or small, global player or humble start-up. He reports on trends and discusses strategies, as well as looking at what makes a truly great entrepreneur. He reports on the big decisions made by them and their teams, and what impact this might have on the global, or local business market. He is the editor of Haggerston Times, a blog focused on tech, start-ups, investment and entrepreneurs with a particular focus on the Silicon Roundabout.

Articles:

1. [Login Longevity](#)
2. [How Explosive AI Technology & Study Of Longevity Can Revolutionise Healthcare](#)
3. [Will A Spate Of ICOs Create A New Crypto HealthTech Economy?](#)

Edyta Zielinska

Thomas Jefferson

Location: USA

Sector: The Science of Longevity

Edyta Zielinska has been a Science Writer at Thomas Jefferson University since August 2017.

Articles:

1. [A Mammalian Longevity Gene?](#)
2. [Bacterial Rejuvenation](#)
3. [Top 7 in Aging Research](#)
4. [Blood's Role in the Aging Brain](#)

Elmo Keep

103

Freelancer (Topic, MEL Magazine, Neighbourhood Paper)

Location: Mexico

Sector: Aging & Society

Elmo Keep is an award-winning Australian journalist, writer, editor and consultant with over ten years international and national publication credits across print, web, television and radio. Elmo specializes in connecting collaborators, facilitating complex projects, and working precisely to a wide range of briefs.

Articles:

1. [The Expensive Art of Living Forever](#)
2. [Can Human Mortality Really Be Hacked?](#)
3. [The strange and conflicting world views of Silicon Valley billionaire Peter Thiel](#)

Emily Singer

104

**Simons Collaboration on
the Global Brain**

Location: USA

Sector: The Science of Longevity

Emily Singer is the editor for the Simons Collaboration on the Global Brain. Before joining SCGB, she was senior biology writer and contributing editor at Quanta Magazine, news editor for SFARI.org (now Spectrum) and the biomedical editor for Technology Review. She has written for Nature, New Scientist, the Los Angeles Times and the Boston Globe, and has a master's in neuroscience from the University of California, San Diego. In her role as editor, Singer is expanding SCGB's news coverage and providing new resources to the SCGB community.

Articles:

1. [Genes for Extreme Longevity](#)
2. [Anti-Aging Uncertainties Persist](#)
3. [Blocking Insulin in the Brain Lengthens Life Span](#)
4. [Can Aging Be Solved?](#)
5. [A Fountain of Youth in Mitochondria?](#)
6. [The Secrets of Anti-Aging Genes](#)
7. [Longevity Genes May Protect against Alzheimer's](#)
8. [The Secrets to Living Past 100](#)
9. [The Longevity Pill?](#)

Eric Wicklund

Health IT Analytics

Location: USA

Sector: AgeTech

Eric Wicklund is the editor of mHealthIntelligence.com. He's a graduate of the University of Maine with degrees in journalism and creative writing. After spending 20 years in the newspaper industry, he became managing editor of Healthcare IT News and Healthcare Finance News at MedTech Media. He launched the company's first mHealth resource, mHealthWatch, then launched mHealth News when MedTech became HIMSS Media.

Articles:

1. [Using mHealth to Help Seniors Age in Place](#)
2. [mHealth and Housing: A Vital Recipe for Senior Health](#)
3. [9 Connected Health Recommendations to Help Seniors Aging in Place](#)
4. [Telehealth Gives Senior Centers a Gateway to Patient Engagement](#)
5. [Telehealth, RPM Help Visiting Nurses Fill Care Management Needs](#)
6. [Congress Looks to Give SNFs More Telemedicine for Senior Care](#)
7. [Best Buy Targets Senior Telehealth Market with GreatCall Deal](#)
8. [Telehealth Can Give Caregivers Much-Needed Support, Peace of Mind](#)

Business Insider

Location: USA

Sector: The Science of Longevity / Business

Erin is a senior science and tech reporter at Business Insider covering the companies in Silicon Valley that are changing the future of health. Erin also writes about the latest developments in the world of drugs, neuroscience, food, and nutrition.

Articles:

1. [Tech elites are paying \\$7,000 to freeze stem cells from liposuctioned fat as a 'back up' for a longer life](#)
2. [40 AND UNDER: The Silicon Valley biotech stars who are backing startups aiming to cure disease, prolong life, and fix the food system](#)
3. [A controversial startup that charges \\$8,000 to fill your veins with young blood is opening its first clinic](#)
4. ['This test is garbage': Experts and former employees allege that a Silicon Valley startup gives bogus 'cellular ages' based on a flawed blood test](#)
5. [A controversial startup that charges \\$8,000 to fill patients' veins with young blood is opening a clinic in NYC – but researchers whose work inspired it warn it's dangerous](#)
6. [A collaboration between Google's secretive life-extension spinoff and popular genetics company Ancestry has quietly ended](#)
7. [New evidence suggests that a diet with key benefits for your body and brain may also shield against aging](#)

Hannah Devlin

107

The Guardian

Location: USA

Sector: Aging & Society

Hannah Devlin is the Guardian's science correspondent, having previously been science editor of the Times. She has a PhD in biomedical imaging from the University of Oxford. Hannah also presents the Science Weekly podcast.

Articles:

1. [Internal 'clock' makes some people age faster and die younger – regardless of lifestyle](#)
2. [Ageing process may be reversible, scientists claim](#)
3. [Is it really possible to live until you're 146? The science of ageing](#)
4. [Age 105? Then you've a better chance of living even longer](#)
5. [Maximum human lifespan could far exceed 115 years – new research](#)

Howard Gleckman

Forbes

Location: USA

Sector: Finance / Aging & Society

Howard Gleckman is a senior fellow in the Urban-Brookings Tax Policy Center at the Urban Institute, where he edits the fiscal policy blog TaxVox and the daily news summary The Daily Deduction. He is also affiliated with Urban's Program on Retirement Policy, where he works on long-term care issues. Before joining Urban, Gleckman was senior correspondent in the Washington bureau of Business Week, where he was a 2003 National Magazine Award finalist. He was a 2006–07 media fellow at the Kaiser Family Foundation and a visiting fellow at the Center for Retirement Research at Boston College from 2006 to 2008. Gleckman writes two regular columns for Forbes.com, on tax policy and elder care. He is author of the book *Caring for Our Parents* and speaks and writes frequently on long-term care issues.

Articles:

1. [What Do Hurricane Florence And Frail Old Age Have In Common?](#)
2. [How Medicare Wastes \\$4.6 Billion A Year On Long-Term Care Hospitals](#)
3. [Don't Blame Older Adults For Big Increases In Medicaid Spending](#)
4. [Confronting Hearing Loss As We Age](#)
5. [Changing The Way Medicare Pays Doctors](#)



Globe and Mail

Location: Canada

Sector: Finance

Ian McGugan

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Ian McGugan is a reporter with The Globe and Mail's Report on Business and has been writing about investing, economics and business for more than 20 years. He joined the Globe and Mail in 2010. He has been executive editor of Canadian Business magazine and founding editor of MoneySense magazine. He has won three National Magazine Awards for his business and investing writing. He has also worked at the Financial Post and the Financial Times of Canada.

Articles:

1. [Longer lifespans demand a rethink of retirement planning](#)
2. [The idea that could save Canadians' retirement](#)
3. [Ottawa should consider this simple solution for curing retirement anxiety](#)

James Ives

News Medical

Location: United Kingdom

Sector: The Science of Longevity

James graduated from Plymouth University with an first class MPsych (Hons) in Advanced Psychology, where he particularly enjoyed getting stuck in with EEG experiments, volunteering and any pub quiz around. Since 2017 James has been the Editor-in-Chief of News-Medical, with the sole goal of being the best in the industry, producing engaging original content that the world wants to see without ever needing a paywall.

Articles:

1. [Study could pave way for new therapies to reverse aging in human cells](#)
2. [Molecule produced during fasting appears to have anti-aging effects on vascular system](#)
3. [Geroscience takes center stage in Journal of the American Medical Association](#)
4. [Experts discuss potential of maintaining cognitive function through dietary intake](#)



Janice Tai

111

StraitsTimes

Location: Singapore

Sector: Aging & Society

Janice Tai is a Social Affairs Correspondent for StraitsTimes. She has also wrote for The Star (Malaysia), Straits Times, The New Paper.

Articles:

1. [100 years of Singapore through centenarians' eyes: Unlocking secrets to longevity](#)
2. [Activities with plants can boost the elderly's well-being: Study](#)
3. [Home's therapeutic garden a boon for residents](#)
4. [Rewards programme motivates seniors to keep active and prevent dementia](#)
5. [Rewards keep seniors active to prevent dementia](#)
6. [Multiple reasons behind elder suicides](#)
7. [Independent living for seniors - with help if needed](#)
8. [Seniors do the catwalk with Manhunt finalists](#)

The Scientist

Location: USA

Sector: The Science of Longevity

Jennifer is currently a Senior Editor at The Scientist magazine, working out of Fredericksburg, Virginia. She received her masters in biology from Indiana University in 2009, and has been working with The Scientist ever since. Her specialties include evolution, animal behavior, sexual selection, game theory, and population genetics, but she is comfortable with all things life science, from ecology, evolution, and behavior to cell and molecular biology, microbiology, and biomedicine.

Articles:

1. [Ibuprofen Extends Life?](#)
2. [Mutation Linked to Longer Life Span in Men](#)
3. [Mitochondrial Networks Explain Why Caloric Restriction Extends Worms' Lives](#)
4. [Weiwei Dang: Epigenetics in Aging](#)
5. [In Old Blood](#)
6. [Aged Wisdom](#)
7. [Venter's New Venture](#)
8. [Predicting Worm Lifespan](#)
9. [Surviving Acidity](#)

Jennifer Bresnick

Health IT Analytics

Location: USA

Sector: AgeTech / Precision Medicine

Dedicated content creation professional with particular expertise in online journalism, search engine optimization (SEO), research, data management, white papers, custom content, creative writing, e-books, and content management. Lead content creator for HealthITAnalytics.com, providing in-depth B2B coverage of big data analytics, clinical analytics, business intelligence, machine learning and artificial intelligence, blockchain, precision medicine, population health management, and health IT interoperability.

Articles:

1. [Precision Medicine Flourishes with Healthcare Big Data Analytics](#)
2. [Is There Conflict between Precision Medicine, Population Health?](#)
3. [Is Gene Therapy a False Trail for Precision Medicine Research?](#)
4. [What Are the Social Determinants of Population Health?](#)
5. [Gains in Longevity Slow Down for Most Chronic Diseases](#)
6. [Payers Starting to Tie Precision Medicine to Value-Based Care](#)
7. [Ageing population presents challenges, opportunities for EHR and HIE](#)

Jeremy Chan

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Asian Scientist

Location: Singapore

Sector: The Science of Longevity

Jeremy received his PhD from Nanyang Technological University, Singapore, where he studied the role of the tumor microenvironment in cancer progression. He believes that behind each scientific discovery is a fascinating story waiting to be told, and he hopes to tell these stories as a digital editor at Asian Scientist Magazine.

Articles:

1. [Would You Sell Your Genome On A Blockchain?](#)
2. [Turning The Hourglass Sideways](#)
3. [Longevity In A Bottle](#)

Review Jocelyn Rice

Freelancer
(MIT Technology
Magazine)

Location: USA

Sector: The Science of Longevity

Jocelyn Rice is a freelancer writing for MIT Technology Review. Previously she wrote for Discover Magazine.

Articles:

1. [Genetic Fountain of Youth](#)
2. [First Drug Shown to Extend Life Span in Mammals](#)
3. [How Cells Age](#)

Joseph Coughlin

Forbes

Location: USA

Sector: Finance / AI / Business

Joseph Coughlin researches & writes on longevity, generational trends & innovation. He leads the Massachusetts Institute of Technology AgeLab. Researcher, teacher, speaker and advisor – his work explores how global demographics, technology and changing generational attitudes are transforming business and society. His new book is *The Longevity Economy: Unlocking the World's Fastest Growing, Most Misunderstood Market* (Public Affairs, 2017) .

Articles:

1. [Alexa, Will You Be My Friend? When Artificial Intelligence Becomes Something More](#)
2. [The Sharing Economy Spells Doom - Or Boom - For The Senior Housing Industry](#)
3. [How To Age Independently? Retiring Well Requires More Than Money, Diet And Exercise](#)
4. [Caregiver Crunch? No Problem, This Is How Tech-Savvy Millennials Will Care For Aging Baby Boomers](#)
5. [From Sunday Brunch To Caregiver Crunch: Millennials Confront Caring For Aging Baby Boomers](#)
6. [Do You Need An Advisor Or An Advisory Team For Your Retirement?](#)
7. [Why Retirement Planning Should Be About Teaching Us How To Live In Retirement](#)
8. [How Women Are Pioneering The Future Of Retirement](#)

Karen DeMasters

Financial Advisor Magazine

Location: USA

Sector: Finance

Karen DeMasters is reporter at Financial Advisor magazine.



Articles:

1. [Fintech helps fight against elder financial abuse](#)
2. [Social Security Beat: Many Dependents Qualify For Benefits](#)
3. [Do Not Invest Social Security Benefits, Expert Says](#)

Kashmira Gander

118

Newsweek

Location: United Kingdom

Sector: Aging & Society

Kashmira Gander is a features writer at Newsweek. Her interests include health, gender, LGBTQIA+ issues, human rights, subcultures, music, and lifestyle. Her work has also been published in the International Business Times UK, The Independent, The Independent on Sunday, The i Newspaper, and the London Evening Standard.

Articles:

1. [Want to Live Longer? How Young Blood Holds the Key to Anti-Aging](#)
2. ['Zombie' Brain Cells Could Hold Key to Combating Alzheimer's, Mouse Study Suggests](#)
3. [Dementia: Air Pollution Could Increase Risk by 40 Percent, Study Finds](#)
4. [Wine, Beer and Chocolate: Eating and Drinking These Foods Linked to living longer](#)
5. [Eating Cheese and Butter Every Day Linked to Living Longer](#)
6. [Fasting Linked to Living Longer](#)

Kat Arney

DailyMail

Location: United Kingdom

Sector: The Science of Longevity

Kat tells stories about science. She is an award-winning science writer, author, presenter, broadcaster, podcaster and public speaker. She is founder and director of First Create The Media, a communications and media consultancy for people who do science, offering consultancy, copywriting, media production, training and one-to-one coaching.

Articles:

1. [Could anti-stress drug help beat Alzheimers? Scientists have failed to find a treatment for the disease after decades of research](#)
2. [How eating too much protein in middle age can SHORTEN your life: Experts reveal this result of low-carb diets could be seriously detrimental to your health](#)



Kat Lay

120

The Sunday Times

Location: United Kingdom

Sector: Aging & Society

Kat Lay is health correspondent at The Times, which she joined in 2012. She has previously worked at the News of the World and the People newspapers.

Articles:

1. [Retired people urged to become fitness trainers](#)
2. [Aged over 70 and healthy? A daily aspirin won't help](#)
3. [Moderate drinkers less likely to get dementia than teetotalers](#)
4. [Sleepyheads told to avoid the lie-ins for a longer life](#)
5. [Black people 'at greater risk of dementia'](#)
6. [Fifth of people in UK will suffer from poor health before age 30](#)
7. [Old before your time: middle-age warning signs reveal risk of frailty](#)

Katarina Zimmer

Freelance (The Scientist, VICE News, Quartz, NBC News)

Location: USA

Sector: The Science of Longevity

Katya Zimmer is a freelance science & data journalist based in New York City. She covers scientific research, environmental issues, and crime. Her work has appeared in National Geographic, The Scientist, VICE News, The New Food Economy, Quartz, NBC News, News Deeply, and other outlets.

Articles:

1. [Genetic Mutation in Amish Linked to Longer Life](#)
2. [Dolly's Cloning Likely Didn't Cause Premature Aging](#)
3. [Telomere Length and Childhood Stress Don't Always Correlate](#)

Kate Yandell

Cancer Today

Location: USA

Sector: The Science of Longevity

Kate currently lives in Philadelphia, Pennsylvania, where she writes and edits for the magazine Cancer Today. Before that, Kate wrote about biology as a freelancer for The Scientist and Spectrum. She is interested in life – from cell to organism.

Articles:

1. [Benefits of Missing MYC](#)
2. [No Pain, Big Gain](#)
3. [Brain Is Command Center for Aging](#)
4. [Cool Genes](#)
5. [Researchers Harness Brain Game Data](#)
6. [Why Women's Eggs Don't Last](#)



Ken Dychtwald

123

Huffington Post

Location: USA

Sector: Finance / Aging & Society

Over the past 40 years, Dr. Ken Dychtwald has emerged as North America's foremost visionary and original thinker regarding the lifestyle, marketing, health care, and workforce implications of the age wave. Ken is a psychologist, gerontologist, and best-selling author of 16 books on aging-related issues.

Articles:

1. [Success Redefined: The Personal Impact Of The \\$8 Trillion Longevity Bonus](#)
2. [Unleashing The \\$8 Trillion Longevity Bonus](#)
3. [Will the "Age Wave" Make or Break America? The Questions That Trump, Clinton and Sanders Must Answer](#)
4. [What You Need to Know Now to Prepare for the Coming Caregiving Crunch](#)
5. [New Solutions to Fund Your Retirement: Part 2 of 2](#)
6. [The Challenges of Funding Retirement and New Ways to Overcome Them: Part 1 of 2](#)
7. [New Study Reveals Four Distinct Stages Of Retirement Leisure](#)
8. [New Study Uncovers The Upside Of Retirement Leisure: The Freedom Zone](#)
9. [Housing in Later Life: New Freedoms to Choose](#)



Ken Nuss

124

MD Magazine

Location: USA

Sector: Finance

Ken Nuss is the Founder and CEO of AnnuityAdvantage. Ken entered the financial services industry in 1986 and obtained a Series 7 securities license in 1992, becoming an investment representative with a full-service brokerage firm.

Articles:

1. [Longevity Insurance Is Underused in Retirement Planning](#)
2. [Two Ways to Get Lifetime Income](#)
3. [Believing Annuity Myths Can Hurt You](#)

Kenny Walter

125

R&D Magazine

Location: USA

Sector: The Science of Longevity / AI

Kenny Walter is a reporter for R&D Magazine. After graduating with a B.A. in journalism from Temple in 2008 he spent more than seven years as a reporter with Greater Media Newspapers covering municipal and state government with a focus on municipal finances and environmental issues.

Articles:

1. [AI-Enabled Wearable Tech Could Help Estimate Aging](#)
2. [Exercise Could Delay Cognitive Decline in Those at Risk for Alzheimer's](#)
3. [Artificial Intestine Sheds Light on Diet Impact on Health](#)
4. [Biotech Device Could Treat Rheumatoid Arthritis Without the Side Effects](#)
5. [New Brain Scan Provides More Accurate Alzheimer's Diagnosis](#)
6. [New Research Links Daytime Sleepiness, Alzheimer's Disease](#)

Kerry Grens

126

The Scientist

Location: USA

Sector: The Science of Longevity

Before returning to The Scientist in 2013, Kerry was the senior health and science reporter for WHYY in Philadelphia, and, later, a stringer for Reuters Health. Her first tenure at TS began in 2006 as a staff writer. As news director, Kerry assigns, edits, and sometimes reports breaking news and in-depth features for the website. She also manages the online news blog and opinion column. She has a master's in biological sciences from Stanford University and a biology degree from Loyola University Chicago.

Articles:

1. [Hunger Hormone Slows Aging in Mice](#)
2. [Cancer Detected in Naked Mole Rats](#)
3. [First Data from Anti-Aging Gene Therapy](#)
4. [Mechanism Behind Extreme Longevity in Some Plants](#)
5. [Calorie-Restricted Yeast Live Longer](#)
6. [Periodic Fasting Improves Rodent Health](#)
7. [ROS Can Shorten or Lengthen Life](#)
8. [Methylation Predicts Mortality](#)
9. [Lifespan Tied to Pheromones](#)

Kiyoshi Takenaka

The Japan Times

Location: Japan

Sector: Finance / Aging & Society

Before returning to The Scientist in 2013, Kerry was the senior health and science reporter for WHY? in Philadelphia, and, later, a stringer for Reuters Health. Her first tenure at TS began in 2006 as a staff writer. As news director, Kerry assigns, edits, and sometimes reports breaking news and in-depth features for the website. She also manages the online news blog and opinion column. She has a master's in biological sciences from Stanford University and a biology degree from Loyola University Chicago.

Articles:

1. [Aging WWII veterans fret about shift away from pacifist principles](#)
2. [Aging Japan: Akita Prefecture provides glimpse of country's graying future](#)
3. [Japan's demand for foreign workers may soften immigration policy, albeit slowly](#)

Kyle Munkittrick

One Medical

Location: USA

Sector: The Science of Longevity

Kyle was the “Science Not Fiction” Blogger at Discover Magazine. He writes about health and he thinks healthcare should be easy, affordable, and delightful.

Articles:

1. [What Would Humanity Be Like Without Aging?](#)
2. [Is The Era of Neuroprosthetic Augmentation Really Just 20 Years Away?](#)
3. [Euthanasia, Immortality, and The Natural Death Paradox](#)
4. [Aging Is Our Enemy; Death Is Our Ally](#)

one medical

Liat Clark

129

Wired UK

Location: United Kingdom

Sector: The Science of Longevity / AgeTech

Liat is Commissioning Editor at Wired UK writing and editing longform since April 2015.

Articles:

1. [Humans may have a natural lifespan – and we've already reached it](#)
2. [Can VR help diagnose dementia?](#)
3. [Why naked mole rats are the most fascinating animals on the planet](#)
4. [AI in healthcare is being built by and for the wealthiest: we need a wider perspective, warns WHO](#)

Lindsay Cook

130

Financial Times

Location: United Kingdom

Sector: Finance / Aging & Society / Geroscience

In the 90s Lindsay became the first woman Business Editor of The Times.



Articles:

1. [The lucrative business of living longer](#)
2. [Rise of the grey-haired graduates](#)
3. [Should you lie about your age on your CV?](#)
4. [Three questions to ask before you take your pension](#)
5. [How to stay mentally fit](#)
6. [Plan your strategy for a comfortable retirement](#)
7. [Can you afford to live to 100?](#)

Lydia Ramsey

131

Business Insider

Location: USA

Sector: Aging & Society

Lydia is a reporter for Business Insider, covering healthcare and the pharmaceutical and biotech industries. She graduated in 2015 with a bachelor of science in journalism and Middle East and North African studies from Northwestern University.

Articles:

1. [A startup that wants to use stem cells to keep us living longer just raised \\$250 million](#)
2. [A diabetes medication that costs 6 cents a pill could be a key to living longer](#)
3. [A startup founded by SolarCity and Google alums wants to tell you your 'fertility age' – here's what that means](#)
4. [I tried out an 'aging suit' that mimics what it feels like to be 80 years old – here's what it was like](#)

Maiko Takahashi

The Japan Times

Location: Japan

Sector: Business

Maiko Takahashi has been Reporter at Bloomberg LP since 2013.

Articles:

1. [In aging Japan, Nestle begins pivots from candy bars to personalized nutrition, taking beverage capsules to next level](#)
2. [Kirin Holdings wants its aging customers to eat more healthily](#)
3. [Analysts point to Japan's untapped potential to boost the economy](#)
4. [Japan's push to curb drug costs seen risking trade row with U.S.](#)

Mark Barna

133

Discover Magazine

Location: USA

Sector: The Science of Longevity

Mark has been an editor and a writer at Discover, a national consumer science magazine since August 2016. Prior he was an editor and manager within group of Wisconsin newspapers, including the Milwaukee Journal Sentinel, called USA TODAY NETWORK-Wisconsin.

Articles:

1. [Scientists Look Again, Still Don't Find Cap on Human Lifespan](#)
2. [Belly Fat Linked to Cognitive Problems in Older People](#)
3. [As We Age, Friends Can Trump Family Ties](#)

Maria Rodale

134

Huffington Post

Location: USA

Sector: Aging & Society

Maria Rodale was formerly the CEO and Chairman of Rodale, Inc., a publisher of health, wellness, and environmental content. A lifelong advocate on behalf of organic farming and gardening, Maria is also the author of five books, including most recently *Organic Manifesto: How Organic Farming Can Heal Our Planet, Feed the World, and Keep Us Safe* (2011, Rodale Books). She blogs regularly about news and information related to healthy living at Maria's Farm Country Kitchen.

Articles:

1. [Let's All Aim to Be "Welllderly"](#)
2. [The Four Pillars of Longevity and Well-Being](#)
3. [Living to 100: Lessons From Aunt Eva](#)

Martha Porado

Benefits Canada

Location: Canada

Sector: Finance

Martha Porado is an Associate Editor with a demonstrated history of working in the Media Production industry. Skilled in Business Journalism, Television Production, Fact-checking, Magazines and Custom Content. Strong media and communication professional with a Honours Bachelor of Arts with Distinction focused in Medieval Studies from the University of Toronto.

Articles:

1. [New report proposes national pooled longevity insurance program](#)
2. [Municipal employers weigh in as OPSEU criticizes OMERS review](#)
3. [How Norway tackled pension sustainability](#)

Mary Wisniewski

Chicago Tribune

Location: USA

Sector: AgeTech, Aging & Society

Mary writes about planes, trains, automobiles, bikes and walking for the Chicago Tribune, and appears frequently on local television and radio. She also wrote a biography about Chicago writer Nelson Algren, "Algren: A Life," that won the Society of Midland Authors 2017 award for best biography and the Chicago Writers' Association award for best non-fiction. She has taught creative writing at the Newberry Library and at the annual Northwestern University Writers' Conference.

Articles:

1. [New service offers transportation help for seniors](#)
2. [4 tech tools that help the elderly manage their money](#)

Matt Flynn

The Conversation

Location: United Kingdom

Sector: Finance / Society & Aging

Dr. Matt Flynn is a Professor in Organisational Behaviour & Human Resources at the University of Hull. Previously, he was the Director of the Centre for Research into the Older Workforce at Newcastle University Business School. His research interest focuses on the impact of ageing societies on the world of work. He has carried out research for the United Nations Secretariat, UK government and European Union and has conducted research in the UK, Germany, Japan and Hong Kong.

Articles:

1. [‘Grey’ workers hold the key to manufacturing’s future](#)
2. [The longevity dividend: how ageing populations could boost economic productivity](#)



Matt Reynolds

138

Wired UK

Location: United Kingdom

Sector: The Science of Longevity / Business

Matt Reynolds is Tech reporter at Wired UK since October 2017, previously he worked at New Scientist.

Articles:

1. [Craig Venter wants to tackle the ultimate disease: ageing](#)
2. [The wild tale of a dying mouse, some Amish genetics and a potential cure for human ageing](#)

Matthew Herper

139

Forbes

Location: USA

Sector: AgeTech

Matthew believes this is biology's century. He has covered science and medicine for Forbes from the Human Genome Project through Vioxx to the blossoming DNA technology changing the world today.

Articles:

1. [A Biotech Entrepreneur Aims To Help Us Stay Young While Growing Old](#)
2. [Of Vampires And The Challenges Of Longevity Drugs](#)
3. [Cure Baldness? Heal Arthritis? Erase Wrinkles? An Unknown Billionaire's Quest To Reverse Aging](#)

Meera Senthilingam

CNN

Location: United Kingdom

Sector: The Science of Longevity / Aging & Society

Meera Senthilingam is an Editor for CNN Health & Wellness, working predominantly on digital content for CNN and CNN International, leading on all international health content.

Articles:

1. [Do these countries hold the secret to a long and healthy life?](#)
2. [South Korea will take lead in life expectancy by 2030, study predicts](#)
3. [Low and high carb diets increase risk of early death, study finds](#)
4. [Even one drink a day could be shortening your life expectancy](#)
5. [Intergenerational care: Where kids help the elderly live longer](#)
6. [This urban population is leading the world in life expectancy](#)

Megan Molteni

141

Wired

Location: USA

Sector: Aging & Society

Megan is a staff writer at WIRED where she covers biology, health, technology and the environment. Megan is especially drawn to stories that reflect the complexity of ecological systems and the surprising places where innovations are born.

Articles:

1. [Will cutting calories make you live longer?](#)
2. [Startups flock to turn young blood into an elixir of youth](#)
3. [Peter diamandis is the latest tech futurist betting on stem cells](#)
4. [A search for anti-aging secrets starts with the blood of 600 estonians](#)
5. [Researchers used this genealogy site to build a 13 million person family tree](#)

Morey Stettner

Investor's Business Daily

Location: USA

Sector: Finance

Morey Stettner is a business writer, communication consultant and the author of five popular books. With 20+ years' experience as a professional speaker, trainer and webinar presenter, he focuses on topics such as speaking and listening skills, persuasive communication and managing people. Since April 1995, he has written almost 2,000 articles for Investor's Business Daily. Stettner writes for IBD's "Managing for Success" page, which runs every Monday. He has interviewed hundreds of chief executives and entrepreneurs on topics such as leadership, sales and marketing and customer service.

Articles:

1. [The Best Retirement Plans: How To Build Up Savings That Last As Long As You Do](#)
2. [Want your money to last until your dying day? You're not the only one](#)
3. [This habit can actually extend your life – and improve its quality](#)
4. [Want to live longer? Buy green bananas](#)

Nathaniel Scharping

Discover Magazine

Location: USA

Sector: The Science of Longevity

Nathaniel researches, writes and edits stories on the latest in science and technology. As one half of the web team at Discover he has been involved with nearly every aspect of web content production, management and promotion. His main duties are finding original, engaging content to deliver to his readers, but he is involved with social media, analytics, video and podcast production and more at Discover, in addition to writing occasional pieces for the print magazine.

Articles:

1. [Humans May Not Be Able to Live Past 125](#)
2. [Convincing Cells to Die Could Make Us Stronger](#)
3. [Alzheimer's Study Casts Doubt On Rejuvenating Blood Transfusions](#)

Neil Howe

144

Forbes

Location: USA

Sector: Finance

Neil Howe is a historian, economist, and demographer, and a leading authority on generational trends. He coined the term "Millennial Generation" and is the bestselling author of over a dozen books, including *Generations*, *The Fourth Turning*, *Millennials Rising*, and *The Graying of the Great Powers*.

Articles:

1. [The Graying Of Wealth](#)
2. [Boomers May Die Earlier Than We Expected](#)
3. [Will Anti-Aging Drugs Lead To A Brave New World?](#)
4. [Boomers Are Sociopaths, Millennials Are Bums: Rethinking The Generation Blame Game](#)

Olivia Mitchell

145

Forbes

Location: USA

Sector: Finance

Olivia S. Mitchell is an American economist and the International Foundation of Employee Benefit Plans Professor at The Wharton School of the University of Pennsylvania. Her interests focus on pensions and social security, and she is the Executive Director of the Pension Research Council, the oldest U.S. center devoted to scholarship and policy-relevant research on retirement security. She also heads Wharton's Boettner Center for Pensions and Retirement Research.

Articles:

1. [Fintech's Answer To The Global Retirement Crisis](#)
2. [Relieving Pension Tension?](#)
3. [Do Americans Participate Enough In Retirement Plans?](#)
4. [Hedging Inflation in Retirement](#)
5. [Retirement Risk Innovation: State Shared-Risk Pensions](#)
6. [Recalibrating Retirement In The 21st Century](#)
7. [Multiemployer Pension Plans In Crisis: Troubled Plans Need Public Resources To Survive](#)
8. [Putting The Pension Back Into Retirement](#)

Pagan Kennedy

New York Times

Location: USA

Sector: The Science of Longevity

Pagan Kennedy is a contributing opinion writer for The New York Times. She is the author of 11 books and has been a columnist for The New York Times Magazine, The Boston Globe, and The Village Voice. After spending time in the 1990s at M.I.T.'s Building 20, one of the world's first hacker spaces, she switched her focus to science writing. Since then, she has gravitated to stories about the serendipitous process that drives discovery. In 2010-11, as an M.I.T. Knight Science Journalism fellow, she steeped herself in the study of microbiology and neuroengineering.

Articles:

1. [The Secret to a Longer Life? Don't Ask These Dead Longevity Researchers](#)
2. [To Be a Genius, Think Like a 94-Year-Old](#)
3. [An Ancient Cure for Alzheimer's?](#)
4. [What if You Knew Alzheimer's Was Coming for You?](#)

Patricia Corrigan

Next Avenue

Location: USA

Sector: Aging & Society

Patricia Corrigan is a journalist and the author of numerous books, including a guide to San Francisco that expresses her great joy in her adopted city. She is a writer (thousands of articles, more than a dozen books), a whale watcher (for over 35 years) and an adventurer in the Baby Boomer tradition.

Articles:

1. [Technology Can Help Us Age in Place, If We Let It](#)
2. [What to Consider When Aging in Place Looks Uncertain](#)
3. [Music Matters for Older Adults](#)
4. [Conference Explores Contemporary Aging Issues](#)

Patrick Cox

148

Forbes

Location: USA

Sector: Business / Aging & Society / AI

Patrick is the editor of Mauldin Economics' Transformational Technology Alert premium research service. Patrick also writes the free newsletter, Tech Digest, where he shares breakthrough treatments, life-saving technologies, and other biotech transformations. In addition to researching and writing about breakthrough tech for over 30 years, he has also served as a consultant for national political campaigns and Fortune 500 companies.

Articles:

1. [Trump's FDA Chief Could Revolutionize Biotech -- And Save Our Economy](#)
2. [This Company With Anti-Aging Drug Is Secretly Preparing For Trump's New FDA](#)
3. [The US Is Going Through A Profound Demographic Shift That Will Affect Everyone](#)
4. [The Smart Money Is Piling Into Regenerative Medicine](#)
5. [Brit Billionaire Jim Mellon Says Biotech Is The Best Investment Now](#)
6. [Here's How Pharma Is Using AI Deep Learning To Cure Aging](#)
7. [Trump's FDA Chief May Implement Progressive Approval For Drugs](#)

Paul H. Irving

Forbes, The Wall Street Journal,
Huffington Post

Location: USA

Sector: Finance

Paul Irving is chairman of the Milken Institute Center for the Future of Aging, chairman of the board of Encore.org, and distinguished scholar in residence at the University of Southern California Davis School of Gerontology. Author of “The Upside of Aging: How Long Life Is Changing the World of Health, Work, Innovation, Policy, and Purpose,” a Wall Street Journal expert panelist and contributor to the Huffington Post, PBS Next Avenue and Forbes, Irving also serves as a director of East West Bancorp, Inc. and on advisory boards at USC, Stanford, and U.C. Berkeley, the Global Coalition on Aging, WorkingNation, and the Bipartisan Policy Center.

Articles:

1. [The Longevity Economy: From The Elderly, A New Source Of Economic Growth](#)
2. [The Epidemic of Loneliness—and How to Combat It](#)
3. [New Frontier for Successful Aging: Financial Gerontology in the Spotlight at White House Conference on Aging](#)
4. [The Right Road For A Better Future Of Aging](#)
5. [Are Millennials Ready For A 100-Plus-Year Life?](#)
6. [What We Can Learn About Aging From Little Singapore](#)
7. [Calling On Older Adults — It’s Time For Purposeful Aging](#)
8. [Minding The Millennials — Lessons In Self-Empowerment For Baby Boomers](#)

Peter Dizikes

150

MIT Technology Review

Location: USA

Sector: Finance / Aging & Society

Peter Dizikes is the social sciences, business, and humanities writer at the MIT News Office.

Articles:

1. [New study shows rich, poor have huge mortality gap in U.S.](#)
2. [The Economics of Retirement](#)
3. [Prosper and Live Longer](#)
4. [3 Questions: Joseph Coughlin on innovation for an aging population](#)

Peter Rejcek

151

Singularity Hub

Location: USA

Sector: The Science of Longevity / AI

Formerly the world's only full-time journalist covering research in Antarctica, Peter became a freelance writer and digital nomad in 2015. Peter's focus for the last decade has been on science journalism.

Articles:

1. [Artificial Intelligence Predicts Death to Help Us Live Longer](#)
2. [Is the Secret to Significantly Longer Life Hidden in Our Cells?](#)
3. [Researchers Develop New Tech to Predict Alzheimer's Disease Earlier Than Ever](#)

Rafi Letzter

152

Business Insider

Location: USA

Sector: The Science of Longevity

Rafi Letzter is a science reporter for Business Insider. He covered the environment, climate, psychology, brains, and photography.

Articles:

1. [OUR HEALTHY FUTURE: How technology and public health efforts will transform and extend people's lives in the next ten years](#)
2. [Here's everything science really knows about how to live a long life](#)
3. [Here's everything scientists know about how to avoid aging](#)

Robert Powell

153



TheStreet

Location: USA

Sector: Finance / Aging & Society

Robert contributes regularly to TheStreet, USA TODAY, The Wall Street Journal, and MarketWatch. Previously he served as editor of Retirement Weekly.

Articles:

1. [Aging, the longevity economy and what it means to you](#)
2. [Powell: Must-have tools and tips for year-end retirement planning](#)
3. [Powell: Retirement obstacles to overcome? Here's how to live comfortably later in life](#)
4. [8 steps to building a better nest egg for your retirement years](#)
5. [How many years of retirement do you need to fund?](#)
6. [The key to a secure retirement? Working longer](#)
7. [Six ways to protect yourself and your loved ones against elder fraud](#)
8. [6 retirement goals for people in their 20s](#)
9. [Retirement tips: 8 ways to start your year-end financial planning now](#)
10. [Left without a pension? Check out IRAs and 401\(k\)s.](#)

Robert Weisman

Boston Globe

Location: USA

Sector: Finance / Aging & Society

Robert is particularly interested in retirement and reinvention, aging, and second acts. In his 18 years at The Globe, Weisman has previously worked as a technology editor and a business writer covering high-tech and venture capital, aerospace, management issues, hospitals, health insurance, and life sciences. Before coming to The Globe, he was a business editor and writer for the Seattle Times, Hartford Courant, and New Haven Register. He is a native of Norwich, Conn., and a graduate of Boston University.

Articles:

1. [Help wanted, but not from older workers: Many struggle to find jobs as employers post openings](#)
2. [As drug development flounders, people fearing Alzheimer's embrace lifestyle changes](#)
3. [For some seniors, a cultural shift and a vital volunteerism](#)
4. [As older population grows, Massachusetts angles to become the Silicon Valley for 'age-tech'](#)
5. [Breaking taboo, Chinese elders learn express end-of-life wishes](#)
6. [On matters of spirituality, baby boomers are changing paths and writing their own scripts](#)
7. [Workers stuck in 'old person jobs' pin hopes on tight labor market](#)

Robin Seaton Jefferson

155

Forbes

Location: USA

Sector: AI / Business / Geroscience / Aging & Society

Robin is a professional researcher, interviewer, journalist and writer. Based in the St. Louis Metropolitan Area, she has worked in print and electronic media for 25 years. Her coverage history includes daily news, science and medical writing, financial writing, business writing, fashion writing and feature writing.

Articles:

1. [Company Seeks To Combat Aging And Disease With AI And Deep Learning](#)
2. [AI And Biotech Companies In The East And West Invest In Combating Aging](#)
3. ['Most Comprehensive Study Of Carb Intake' Seems To Confirm Age-Old Idea Of Everything In Moderation](#)
4. [Scientists Reverse Wrinkles, Restore Hair Growth In Mice. Implications Are 'Huge' For Aging Research](#)
5. [Older Adults Projected To Outnumber Children For First Time In U.S. History](#)
6. [Re-Integrating Elderly Into Society After Years Behind Bars](#)
7. [Discovery Could Lead To New Treatments For Cancer, Neurodegeneration, Aging And Viral Infections](#)
8. [AI Scientists Via Their 'Aging Clock' May Have Discovered How To Rewind Our Biological Clocks](#)

Forbes

Ruth Williams

Freelance (Nature, The Scientist, SEED, The Naked Scientists)

Location: USA

Sector: The Science of Longevity

Ruth is a freelance journalist who specializes in writing about doctors, scientists, and all the things that they do. She has written for a wide range of lay and academic publications on everything from Nobel Prize winning partnerships to inebriated insects and from cutting edge therapies to medical malpractice. Ruth also ventures beyond the realms of science and medicine occasionally, to dabble in a spot of travel writing. Ruth's work has appeared in various print and online publications including: The Lancet, Nature, The Scientist, SEED, The Naked Scientists, and Intelligent Life (Economist Group).

Articles:

1. [Aging Shrinks Chromosomes](#)
2. [Health Effects of Mitochondrial, Nuclear DNA Mismatch](#)
3. [Serum Survey Reveals Protein Patterns of Ill Health](#)
4. [Controlled Splicing Extends Life Span in Roundworms](#)
5. [The Aging and Inflammation Link](#)
6. [Dying Worms Emit Ethereal Glow](#)
7. [Mom's Mitochondria Affect Pup Longevity](#)



**Fred Hutchinson Cancer
Research Center**

Location: USA

Sector: The Science of Longevity

Sabrina Richards has been a Science Writer at Fred Hutchinson Cancer Research Center since October 2013.

Sabrina Richards

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Articles:

1. [DNA Methylation Linked to Memory Loss](#)
2. [DNA Methylation Declines with Age](#)
3. [Neurons Live Longer in New Brains](#)
4. [Dieting Monkeys Don't Live Longer](#)

Sarah Buhr

158

TechCrunch

Location: USA

Sector: Business

Sarah writes about the wild new frontier of biotechnology (3D printed organs, one drop blood tests, or hamburgers grown in a lab), also a bit of politics, gender and diversity and sometimes appears on camera at TechCrunch so send the fun gadgets and gizmos her way.

Articles:

1. [Anti-aging pill startup Elysium Health inks at least \\$20 million in Series B funding](#)
2. [Forever Labs preserves young stem cells to prevent your older self from aging](#)
3. [With \\$250 million, Peter Diamandis' new startup is all about taking stem cells from placentas](#)



Sarah Hedgecock

159

Forbes

Location: USA

Sector: AI, Business, Geroscience

Sarah produces the Pharma and Healthcare channel. Before landing at Forbes, she earned a B.A. in anthropology at Princeton. She has also spent time at The Daily Beast, Gawker, and Bustle.

Articles:

1. [Why Longevity Isn't Just A Numbers Game](#)
2. [Venture Capitalist Promises \\$1M To First Person To Reach 123rd Birthday](#)
3. [After Becoming Alphabet, Google Inks Another Healthcare Deal](#)

Sean Martin

160

Daily Express

Location: UK

Sector: The Science of Longevity

Sean is a science journalist at the Express Online tasked with creating content that has the potential to go viral.

Articles:

1. [Anti-ageing BREAKTHROUGH: Drug to REVERSE ageing in immune system](#)
2. [ANTI-AGEING BREAKTHROUGH: Ageing process REVERSED in human cells for first time](#)
3. [Anti-ageing BREAKTHROUGH: THESE are the ways scientists will make you live longer](#)
4. [ELIXIR OF LIFE: Scientists find way to REVERSE cell damage caused by ageing](#)

Shelley Fan

161

Singularity Hub

Location: USA

Sector: The Science of Longevity

Shelly Xuelai Fan is a neuroscientist at the University of California where she studies ways to make old brains young again. In addition to research, she's also an avid science writer with an insatiable obsession with biotech, AI and all things neuro. Shelly is also an award-winning science writer. Her popular science articles have appeared in Scientific American MIND, Discover, Science of Eating Disorders and UBC Medical Journal. She also runs the award-winning science blog NeuroFantastic.

Articles:

1. [Have We Reached the Limit of Human Longevity? New Study Says No](#)
2. [This Drug Combo Extends Lifespan and Healthspan in Mice by Killing 'Zombie' Cells](#)
3. [We Read This 800-Page Report on the State of Longevity Research So You Don't Have To](#)
4. [Eternal Life Is Mathematically Impossible, Says New Aging Theory](#)
5. [Breakthrough Stem Cell Study Offers New Clues to Reversing Aging](#)
6. [Old Mice Made Young Again With New Anti-Aging Drug](#)
7. [Young Blood Offered as Anti-Aging Therapy – But Is It Ready?](#)
8. [Is Radical Life Extension Good for Society?](#)
9. [Denying Death: Is Radically Longer Life Good for Society?](#)

Stephen Matthews

DailyMail

Location: UK

Sector: The Science of Longevity

Stephen Matthews is an award-winning medical journalist. Stephen has been an Assistant Health Editor at MailOnline since April 2018.

Articles:

1. [Why your mother's age could be the key to longevity: Women whose mothers live to the ripe old age of 90 are 25% more likely to reach the same milestone birthday](#)
2. [Death map of the world: Major report of 180 countries reveals how many people will die before their 70th birthday \(so, how does your nation rank?\)](#)
3. [Fasting can delay the signs of AGING, claims researcher following an array of 'promising' trials into the controversial fad of restricting calories](#)
4. [Leaving your house every day is as effective as cholesterol-busting STATINS and boosts lifespan, finds 'exciting' study](#)
5. [Having children ages women MORE than smoking and obesity: Offspring add 11 years to DNA associated with longevity, study finds](#)
6. [The fasting diet CAN keep you young: Harvard study explains how plans like the 5:2 protect your cells from aging](#)
7. [Simple urine test could measure how much our bodies have aged and even reveal how long we have left to live](#)

Steve Hill

Scientific writer and author of the book Aging Prevention for All

Location: Luton, United Kingdom

Sector: The Science of Longevity

As a scientific writer and a devoted advocate of healthy longevity technologies Steve has provided the longevity with multiple educational articles, interviews and podcasts, helping the general public to better understand aging and the means to modify its dynamics. His materials can be found at H+ Magazine, Longevity reporter, Psychology Today and Singularity Weblog. He is a co-author of the book "Aging Prevention for All" – a guide for the general public exploring evidence-based means to extend healthy life (in press).

Articles:

1. [Using artificial intelligence to rapidly identify brain tumors](#)
2. [How AI could help reduce cost drug discovery](#)
3. [Is immortality-possible?](#)

Steven N. Austad

Professor at UTHSCSA

Location: Boerne, Texas, USA

Sector: Science of Longevity

Steven N. Austad, Ph.D., is the scientific director of the American Federation for Aging Research, the co-principal investigator of the National Institute of Aging's Nathan Shock Centers of Excellence Coordinating Center, and a distinguished professor and department chair in the Department of Biology at the University of Alabama at Birmingham. His current research interests include figuring out why organisms age at different rates, particularly in especially long-lived organisms such as quahog clams and hydra. He is also interested in studying indicators of animal healthspan as well as the effects of rapamycin on mouse healthspan. He is author of more than 190 scientific articles and more than 100 newspaper columns on science. His book *Why We Age: What Science Is Discovering About the Body's Journey Through Life*, has been translated into eight languages.

Articles:

1. [Last Year's Research on Aging Hints at What Lies Ahead](#)
2. [Studies Show It's Never Too Late to Improve Your Health](#)
3. [New insights into what can help you stay healthy and live longer](#)
4. [The Low Cost, All-Natural Tool for Healthy Aging](#)
5. [Flies, Clocks, and the Nobel Prize](#)



Suzanne Woolley

165

Bloomberg

Location: USA

Sector: Finance

Suzanne is a financial journalist and content strategist with a history of managing high-impact multi-platform editorial projects. Suzanne enjoys leading and working on teams that make personal finance content engaging and approachable. She has coordinated successful internal and external content collaborations and leveraged content through social media, e-newsletters and special reports focused on retirement, behavioral finance, income strategies and more. Her work at leading national publications has involved writing articles of all lengths for print and the web and shaping editorial content ranging from short humor essays to feature stories to large franchise cover packages.

Articles:

1. [America Is Minting More Millionaire Retirees Than Ever](#)
2. [The World Isn't Prepared for Retirement](#)
3. [How to Retire Without Running Out of Money](#)

Tad Friend

The New Yorker

Location: USA

Sector: Business / Aging & Society

Tad Friend has been a staff writer at The New Yorker since 1998. He writes the magazine's Letter from California, and has examined Los Angeles's fixation on police pursuits, the cemetery entrepreneur Tyler Cassity, the electric-car magnate Elon Musk, life on death row at San Quentin, and Ben Stiller, among many other subjects. His piece on suicides at the Golden Gate Bridge, "Jumpers," inspired the documentary film "The Bridge" and the Sleater-Kinney song "Jumpers." His work has been chosen for "The Best American Travel Writing," "The Best American Sports Writing," "The Best American Crime Reporting," and "The Best Technology Writing." He is the author of a memoir, "Cheerful Money: Me, My Family, and the Last Days of Wasp Splendor," and "Lost in Mongolia: Travels in Hollywood and Other Foreign Lands," a collection of his articles. Previously, Friend was a contributing editor at Esquire.

Articles:

1. [Why Ageism Never Gets Old](#)
2. [Silicon Valley's Quest to Live Forever](#)
3. [Your Questions About "Silicon Valley's Quest to Live Forever," Answered](#)



Tia Ghose

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Purch

Location: USA

Sector: The Science of Longevity

Tia Ghose was a researcher and reporter at the Center for Investigative Reporting and California Watch. Before joining the organization in 2010, she was a Kaiser health reporting intern at the Milwaukee Journal Sentinel. Her work has appeared in Wired.com, Scientific American, the Salinas Californian, Science News and other publications. She earned a graduate degree in science writing from the University of California Santa Cruz.

Articles:

1. [Prenatal Stress Ages Offspring](#)
2. [Old Cells Advance Aging](#)
3. [Anti-aging Pathway Questioned](#)
4. [The Risk of Aging Fathers](#)
5. [Chimp Brains Don't Shrink with Age](#)

Tim Sandle

Digital Journal

Location: UK

Sector: The Science of Longevity

Dr.Sandle is the Head of Microbiology and Sterility Assurance at Bio Products Laboratory Limited, and an honorary tutor with the School of Pharmacy and Pharmaceutical Sciences, University of Manchester. Having 25 years of practical experience in microbiology his articles specializes in science, technology, and health care. He is also interested in history, politics and current affairs.

Articles:

1. [Essential Science: Methylene Blue as an anti-aging treatment](#)
2. [Big deal for AI-powered longevity biotechnology](#)
3. [Anti-diabetic drug slows ageing and lengthens lifespan](#)
4. [Interview: Is Alzheimer's caused by bacteriophages? SPECIAL](#)



Tina Woods

169

Forbes.com

Location: UK

Sector: Business, Geroscience

Tina Woods is the Founder & CEO of Collider Health and CEO and Co-founder of Longevity International. Tina is an ecosystem architect and builds collaborative networks to help corporates (eg pharma, insurers, energy firms, retail and other firms holding consumer data on our lives), start-ups, third sector, and investors form strategic partnerships and facilitate smart investment, for a long term, sustainable impact. Tina has a degree in Genetics from Cornell University (USA) and an MBA from Cass Business School (London). She writes for D/SRUPTION and Forbes. Her articles specialize in the technological, demographic and societal trends impacting the health and wellbeing of people, affecting business, government, third sector, and start-ups.

Articles:

1. [Lessons On Longevity- What The East Can Teach The West To Harness The 'Longevity Dividend'](#)
2. ['Age-Tech': The Next Frontier Market For Technology Disruption](#)
3. [After Accusations Of Bias- AI Could Bring Diversity To Tech](#)
4. ['Longevity' Could Reach Billions In 2019 - And Is No Longer Just The Preserve of Billionaires](#)
5. [A Data Powered Collaborative Health Economy](#)
6. [Technology Disrupting Business And Wellbeing](#)

Vera Gruessner

Freelance (Xtelligent
Media, ContentLEAD)

Location: USA

Sector: AgeTech

The majority of Vera's experience centers on social media marketing, blog writing, email marketing, and biomedical/healthcare writing and editing. She has written two books on cancer prevention and research. Vera is a co-author of a blog that won the recognition "Empowered Doctor Top Cancer Blog." At Xtelligent Media, she created content about the health insurance and IT industries along with interviewing healthcare experts. Through online marketing, she gained more than 2,500 followers for the Breast Health and Healing Foundation and quadrupled the following of Office Solutions Plus. At ContentLEAD, Vera researched and wrote 10 articles daily.

Articles:

1. [Remote Monitoring Advances Care for Baby Boomer Population](#)
2. [Mobile Health Devices Improving the Lives of Aging Citizens](#)
3. [How Remote Home Monitoring Improves Engagement, Elderly Care](#)

W. Harry Fortuna

Quartz

Location: USA

Sector: The Science of Longevity / Business

Harry Fortuna is a science and tech journalist in New York City. He comes to journalism after a long career in film and TV production on the West Coast. He is particularly interested in the organ between our ears and how our increasingly expansive understanding of it will affect our future.

Articles:

1. [Seeking eternal life, Silicon Valley is solving for death](#)
2. [What would life look like if we lived forever?](#)
3. [The first drugs designed to fight aging are ready for human testing](#)

Wade Pfau

172

Forbes

Location: USA

Sector: Finance

Wade is a Professor of Retirement Income at The American College in Bryn Mawr, PA. His research article on safe savings rates won the inaugural Journal of Financial Planning Montgomery-Warschauer Editor's Award, and he actively publishes research on retirement topics in a wide variety of academic and practitioner research journals. Wade is a frequent speaker about retirement income at national conferences.

Articles:

1. [How Long Can Retirees Expect To Live Once They Hit 65?](#)
2. [How To Be Prepared For The Unexpected In Retirement](#)
3. [What Is The 'Retirement Spending Smile'?](#)

Wesley J. Smith

National Review

Location: USA

Sector: Finance / Aging & Society

Wesley J. Smith is an American lawyer and author or co-author of fourteen books, a Senior Fellow at the Discovery Institute's Center on Human Exceptionalism. He is also a consultant for the Patients Rights Council. Smith is known for his articles about assisted suicide and utilitarian bioethics.

Articles:

1. [End-of-Life Care Is Only 9 Percent of Health-Care Costs](#)
2. [Pushing 'Healthspan' Duty to Die for the Elderly?](#)
3. [How Contemporary Society Promotes Elder Suicide](#)
4. [The Push Is on For Elderly Assisted Suicide](#)
5. [Transhumanism: A Wail of Despair in the Night](#)
6. [The Push to Starve Dementia Patients Appears in the New York Times.](#)



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Aging Analytics Agency is the world's premier provider of both public and proprietary industry analytics on the topics of Longevity, Precision Preventive Medicine and Economics of Ageing, and the convergence of technologies such as AI, Blockchain, Digital Health and their impact on the healthcare industry.

The agency is renowned for its development of sophisticated comparative analytical frameworks allowing for practical and tangible forecasts to be applied to industries that are otherwise too complex for standard analytical approaches to be used in a relevant way.

The company provides strategic consulting services in fields relating to Longevity, and currently serves as the primary source of analytics and data for the UK All-Party Parliamentary Group for Longevity, and the hybrid index hedge fund Longevity.Capital.



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Link to the Report: <https://www.aginganalytics.com/top-100-journalists>

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