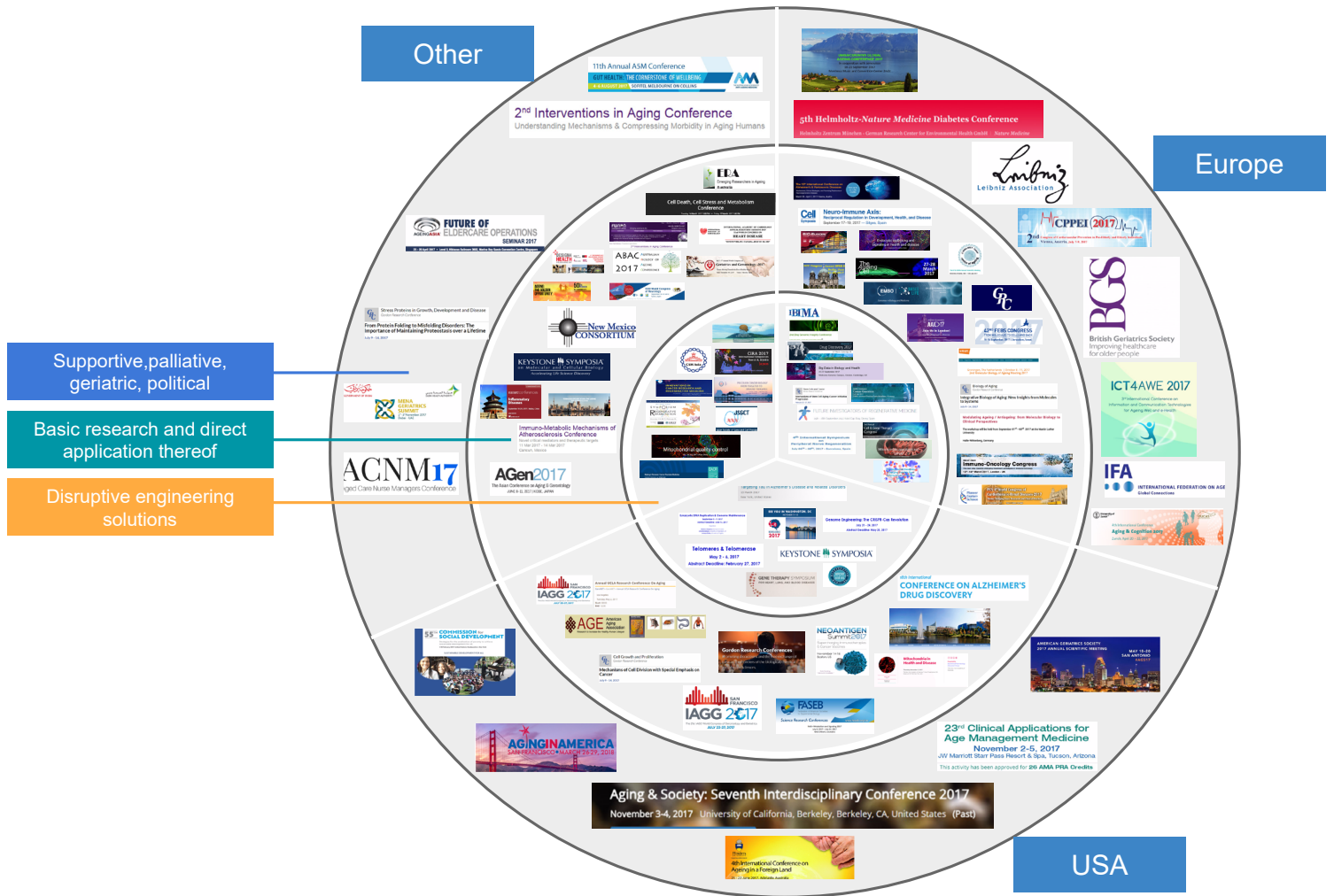


Part VI

Top 100 Longevity Conferences



Analytical Report 2017

Top 100 Longevity Conferences

1. XXIII World Congress of Neurology
2. 11th Annual A5M Healthy Ageing & Aesthetic Medicine Conference
3. 14th International Symposium on Neural Transplantation and Repair
4. 16th Annual Gene Therapy Symposium for Heart, Lung, and Blood
5. 16th National Conference of Emerging Researchers in Ageing
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20. 3rd International Conference on Information and Communication Technologies for Ageing Well and e-Health (ICT4AWE)
21. 3rd International Conference on Innovations in Cancer Research and Regenerative Medicine
22. 44th European Calcified Tissue Society Congress
23. 4th International Conference on Ageing in a Foreign Land
24. 4th International Symposium on Peripheral Nerve Regeneration
25. 50th Australian Association of Gerontology Conference, 8-10 November 2017
26. 55th Session of the Commission for Social Development
27. 6th Annual International Symposium on Regenerative Rehabilitation
28. Aged Care Nurse Managers Conference
29. Ageing Asia Future of Eldercare Operations Seminar
30. Aging & Society: Seventh Interdisciplinary Conference
31. Alzheimer's Association International Conference
32. American Geriatrics Society Annual Scientific Meeting 2017
33. American Society on Aging (ASA) 2018 Aging in America Conference
34. Annual International Symposium on Diabetes
35. Annual UCLA Research Conference on Aging
36. Australian Biology of Ageing Conference
37. Big Data in Biology and Health
38. BIO-Europe 2017
39. Bioinformatics in Ageing Research - Satellite Workshop
40. BIT's 5th World Annual Congress of Geriatrics and Gerontology-2017
41. British Geriatrics Society Autumn Meeting 2017
42. British Geriatrics Society Spring Meeting 2017
43. British Society for Research on Aging 67th Annual Scientific Meeting
44. Cell Death. Cell Stress and Metabolism Conference
45. Cell Symposium: Neuro-Immune Axis: Reciprocal Regulation in Development, Health and Disease
46. CiRA International Symposium: A Decade of Human iPSCs: from Bench to Bedside
47. CSH Asia: Precision Cancer Biology: From Targeted to Immune
48. CSH Asia: Stem Cells, Aging & Rejuvenation
49. CSHL: Genome Engineering: The CRISPR-Cas Revolution
50. Design 4 Health
51. EMBL Conference: Cancer Genomics
52. EMBO/Basel Life Innovation Forums
53. EMBO Conference: Endocytic Trafficking and Signalling in Health and
54. EMBO: Towards Novel Therapies: Emerging Insights from Structural and Molecular Biology
55. EMBO Workshop: Mitochondrial Quality Control
56. European Cognitive Aging Society, Aging and Cognition Conference
57. FASEB Science Research Conference for Autoimmunity
58. Eukaryotic DNA Replication & Genome Maintenance
59. Federation of European Biochemical Societies 42nd Congress: From Molecules to Cells and Back
60. FMBO Workshop: Mitochondria, Apoptosis and Cancer
61. Future Investigators of Regenerative Medicine
62. Gordon Research Conference: Biology of Aging
63. Gordon Research Conference: Cell Growth & Proliferation
64. Gordon Research Conference: Glial Biology
65. Gordon Research Conference on Stem Cells & Cancer 2017
66. Gordon Research Conference: Oxidative Stress & Disease
67. Gordon Research Conference: Stress Proteins in Growth, Development & Disease
68. IFA Global Think Tank on Ageing
69. Immuno-Metabolic Mechanisms of Atherosclerosis
70. 18th International Conference on Alzheimer's Drug Discovery
71. Keystone Symposia: Aging and Mechanisms of Aging-Related Disease (E2)
72. Keystone symposia: Cancer Immunotherapy
73. Keystone Symposium: Engineered Cells and Tissues as Platforms for Discovery and Therapy
74. Keystone Symposium: Tumor Metabolism: Mechanisms and Targets
75. Making it Personal: Cancer Precision Medicine
76. MENA Geriatrics Summit
77. Mitochondria in Health and Disease
78. Mitochondria, Metabolism and Heart
79. Modulating Ageing/Anti-ageing: from Molecular Biology to Clinical Perspectives
80. NAD+ Metabolism and Signalling 2017
81. Natureconferences: 5th Helmholtz-Nature Medicine Diabetes Conference
82. NatureConferences: Nature Conference on Inflammatory Diseases
83. Neoantigen Summit
84. Neuroscience 2017
85. Next Gen Immuno-Oncology Congress
86. Oxford Global 3rd Annual Cell/ Gene Therapy Congress
87. Oxygen Club of California World Congress
88. PCS 4th World Congress of Cardiothoracic-Renal Diseases
89. Synthetic Immunity Symposium 2017
90. Stem Cells in Drug Discovery
91. Targeting Tau in Alzheimer's Disease and Related Disorders
92. Telomeres & Telomerase
93. The 13th International Conference on Alzheimer's & Parkinson's Diseases - AD/PD 2017
94. The 2018 Undoing Aging Conference
95. The Ageing Cell
96. The Asian Conference on Aging and Gerontology
97. The Biology of Aging: Advances in Therapeutic Approaches to Extend Healthspan
98. The IFA 14th Global Conference on Ageing
99. The International Growth and Development Conference (IGDC)
100. The ISSCR International Symposia

XXIII World Congress of Neurology



Date(s): September 16-21, 2017

Location: Kyoto, Japan

Website: <http://www.2017.wcn-neurology.com/>

Description:

WCN will bring together leading scientists, public health experts, policy-makers to translate recent momentous scientific advances into action that will address means to end the epidemic, within the current context of significant global economic challenges.

WCN will have a positive impact on the topics of the congress response globally with the following objectives;

- To bring together the worlds scientific experts to catalyze and advance scientific knowledge about Neurology, present the most recent research findings, and promote and enhance scientific collaborations around the world.
- To bring together community leaders, scientists, and policy leaders to promote and enhance programmatic collaborations to more effectively address regional, national and local responses to Neurology around the world and overcome barriers that limit access to prevention, care and services.
- To engage key, new and non-traditional stakeholders throughout the world in the development of and participation throughout the congress program.

11th Annual A5M Healthy Ageing & Aesthetic Medicine Conference



Date(s): 4-6 August 2017

Location(s): Melbourne, Australia

Organizer: <https://www.a5m.net/events/event/11th-annual-a5m-healthy-ageing-aesthetic-medicine-conference-2017>

Website: <http://www.aacds.com.au/11th-annual-a5m-conference/>

Description:

General practitioners, physicians, medical professionals, pharmacists, naturopaths, nurses, aesthetic practitioners and other allied health professionals are invited to attend A5M's 11th Annual Conference, with the key theme being the role the gut microbiota plays in health, disease and our physical appearance.

The two day event will explore the gut as a major influence on the body, mind, work, family and the ageing process. The links between healthy lifestyle and healthy ageing, across internal and external health, are well established and increasingly researched in the medical world. Delegates will gain cutting- edge industry information in the latest medical technologies and research, as well as a great opportunity to network with industry peers.

14th International Symposium on Neural Transplantation and Repair



Date(s): September 13-16, 2017

Location: Port Douglas. Australia

Website: www.intr2017.com

Description:

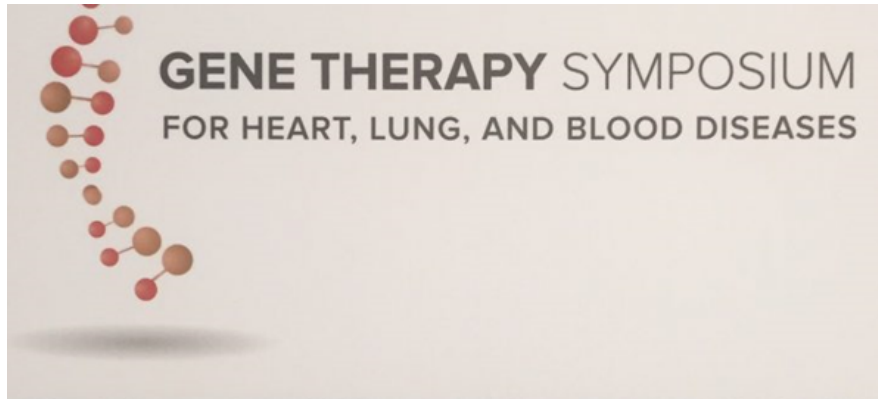
The INTR meetings have been held every 2-3 years bring together an international community of basic scientists and clinicians sharing a common interest in central nervous system development and repair.

The objective of the meeting is to provide an overview of current research in the field and offer the opportunity for interaction between delegates in a relaxed environment. We also place a strong emphasis on attendance and participation of students and early career scientists.

This is the first time the meeting will be held in Australia and we hope you can join us in what we anticipate will be an exciting and successful meeting.

This meeting will cover topics such as neurogenesis and endogenous repair; updates on clinical trials; alternative mechanisms for cell-based therapies; disease in a dish; gene therapy and so much more.

16th Annual Gene Therapy Symposium for Heart, Lung, and Blood Diseases



Date(s): November 15-17, 2017

Location: Sonoma, California

Website: <http://www.gts.ucdavis.edu/2017/2017.htm>

Description:

The intent of these annual interdisciplinary scientific symposia is to provide a novel and informal scientific setting for the dissemination and exchange of ideas and research findings by bringing together students, fellows, and junior/senior investigators who do not typically interact at other meetings. The opportunity for investigators in divergent, yet relevant, fields to interact has significantly declined because of the sheer size and objectives of most meetings. Therefore, our goal is for these annual fall symposia is to provide the opportunity for interactions that are not possible at larger meetings. We hope to encourage synergy, facilitate new research directions and collaborations, and enhance current approaches to gene transfer/gene therapy for the treatment of human disease. Presentations focus on unpublished works-in-progress, cutting edge technologies, and key thematic issues. Each year a focus topic is selected.

16th National Conference of Emerging Researchers in Ageing



ERA

Emerging Researchers in Ageing
Australia

Date(s): 6-7 November 2017

Location(s): Perth, Australia

Website: <http://www.era.edu.au/ERA+2017>

Description:

The idea of the Emerging Researchers in Ageing initiative in Australia grew out of a little group of PhD students and their supervisors who were associated with the Australasian Centre on Ageing at the University of Queensland. That group included some names you might recognize – Jeni Warburton, Andrea Petrijwsky, Joanne Everingham, Tim Henwood, Maree Petersen, Nancye Peel, Mair Underwood – to name a few – and of course, Helen Bartlett.

Over the course of regular meetings and discussions about doing a PhD in ageing research in Australia, it became clear that there was a general lack of a sense of research identity and connectedness to a community of researchers in the field. To begin to address this need, this intrepid bunch of PhD students undertook to organize the first conference for Emerging Researchers in Ageing in Australia. The conference was held at the University of Queensland in 2002, and it was a resounding success, attracting far more interest and support than expected.

This event is being held immediately prior to the Australian Association of Gerontology (AAG) conference in Perth to give participants the opportunity to attend both if they wish.

2017 American Aging Association 46th Annual Meeting



Date(s): June 09-12

Location(s): New York City, NY, USA

Website: <https://www.americanagingassociation.org/Org>

Description:

In 2017, the AGE meeting Targeting Aging: Molecules to Main Street was held in New York City from the evening of June 9th to mid-day June 12th and will include leading aging researchers from the UK, Australia, Canada and the US. This meeting will cover exciting new topics in aging research.

Mission

- To promote biomedical aging studies directed towards increasing the functional life span of humans with one goal being to slow the aging process.
- To keep the public informed of the progress of aging research and of practical means of achieving a long and healthy life.
- To increase knowledge of biogerontology among physicians and others in the health fields

2017 Gordon Research Conference (GRC) on the Biology of Aging



Date(s): July 9-14 2017

Location(s): Les Diablerets, Switzerland

Website: <https://www.grc.org/biology-of-aging-conference/2017/>

Description:

The 2017 Gordon Research Conference (GRC) on the Biology of Aging was held at the Les Diablerets Conference Center (Les Diablerets, Switzerland) on July 9-14, 2017, and the Gordon Research Seminar (GRS), which will be held at the same location on July 8-9, immediately prior to the GRC. The program has been developed around the theme of «Integrative Biology of Aging: New Insights from Molecules to Systems». Recent studies from diverse model organisms, such as worms, flies, and mice, have demonstrated that systemic interplay between multiple tissues and organs regulates aging and longevity. Additionally, subcellular systems such as organelles and stress pathways can often communicate intra- and intercellularly. To dissect such complex systemic regulation of aging and longevity, significant progress has been made in identifying control networks and basic architectures, but how communication is achieved at different levels of organization and assembled into larger architectures is only beginning to be explored. The dysfunction of critical components in these control networks contributes to the induction of the cellular and molecular hallmarks of aging, including mitochondrial dysfunction, epigenetic alterations, chronic inflammation, circadian rhythm dysfunction, genomic instability, loss of proteostasis, and others, and underlies diminished healthspan and lifespan.

In the 2017 GRC, our major objective is to capture this new wave of the «integrative biology of aging», and further stimulate our thoughts and efforts to translate our knowledge into the development of effective interventions to achieve «productive aging», making the later years of our lives as healthy and productive as possible. The major objective of the GRS is to explore these themes in a supportive setting that particularly focuses on the needs of graduate students and postdoctoral trainees, and prepare them for a full and productive participation in the GRC to follow.

2017 IAHSA/CURAVIVA Global Ageing Conference



Date(s): 18-21 September 2017

Location(s): Montreux, Switzerland

Website: <http://globalageing.org/event/2017-global-ageing-conference/>

Description:

Switzerland tops HelpAge International's Global Ageing Index as the best place in the world to grow old. It is the perfect setting for our global ageing community to progress efforts in improving the lives of elders worldwide.

This year's Global Ageing Conference in Montreux, Switzerland (18-21 September 2017) connected over a thousand aged care professionals representing more than 20 countries and 6 continents! Conference highlights ranged from an immersive 2-day leadership development program to a robust educational offering with topics ranging from innovative care models and dementia care to strategic leadership and wellness.

Emerging leaders and seasoned professionals of aged care organizations come together to learn together from other experienced leaders in the field. Participants come away with skills, insights, ideas and confidence in providing leadership in times of change and innovation. They gain a global peer network that is sustained well beyond the retreat experience.

The retreat includes facilitator-led conversations with visionary leaders, team exercises, readings, tools, films and participatory discussions enriched by participants' diverse perspectives.

21st IAGG World Congress of Gerontology and Geriatrics



Date(s): July 23 – 27, 2017

Location(s): San Francisco, California

Website: <https://www.iagg2017.org>

Description:

In 2017, the theme “Global Aging and Health: Bridging Science, Policy, and Practice” brought representatives from medicine, nursing, social science, psychological science, finance, policy fields, and other disciplines to address the latest approaches to improving the quality of life of the world’s older adults. This is the premier meeting for professionals in gerontology and geriatrics.

The Gerontological Society of America was proud to host the 21st International Association of Gerontology and Geriatrics (IAGG) World Congress in San Francisco, July 23-27, 2017. This prestigious event brought together some of the top researchers, clinicians, and industry experts who have dedicated their careers to improving the lives of older adults.

With approximately 2,500 different organizations represented from more than 75 countries, this conference reminds us that there is nothing more powerful than when our community comes together in an open dialogue to reflect on our progress and further initiatives to advance healthy aging.

There were many diverse and dynamic speakers, who provided in-depth insight, actionable steps and practical tools for increasing innovation, investment, education and outreach in our field. We are pleased to share many of the PowerPoint presentations from the conference, program abstracts, and the Bridge Blogs written by some of the top names in the field of aging. To view some of the moments from #IAGG2017, visit the event Facebook album. A final report highlights the major elements of the Congress.

Save the date for the 22nd International Association of Gerontology and Geriatrics (IAGG) World Congress in Buenos Aires, Argentina, June 20-24, 2021

21st Hilton Head Regenerative Medicine Workshop



Date(s): March 21-24. 2018

Location: Hilton Head Island, South Carolina

Website: www.regenerativemedicineworkshop.com

Description:

This year's workshop will focus on "Synergizing Science, Engineering, and Clinical Translation," and is co-organized by the Regenerative Engineering and Medicine Center (a research consortium between Georgia Tech, Emory, and the University of Georgia), the University of Pittsburgh, the University of Wisconsin Madison, and the Mayo Clinic.

This annual workshop sells out each year at approximately 200 participants, and has a variety of sponsorship and exhibit opportunities with customized packages available. The intimate environment allows for a high level of access to all presenters and ample discussion time with attending faculty, trainees, industry participants and exhibitors. The program, which spans four days, has approximately 40 podium presentations and includes a poster session, debate/panel discussion and conference dinner event.

Regenerative Medicine Workshop providing cutting edge scientific content delivered by a powerhouse line-up of speakers and valuable presentations in the field of regenerative medicine. The program, which spans four days, has approximately 40 podium presentations and includes a poster session, debate/panel discussion, and a conference dinner.

22nd World Congress on Heart Disease



INTERNATIONAL
ACADEMY OF
CARDIOLOGY

INTERNATIONAL ACADEMY OF CARDIOLOGY
ANNUAL SCIENTIFIC SESSIONS 2017
22nd WORLD CONGRESS ON
HEART DISEASE

VANCOUVER, BC, CANADA, JULY 14 - 16, 2017

Date(s): July 14-16, 2017

Location: Vancouver. Canada

Website: <http://www.cardiologyonline.com/wchd2017/>

Description:

The Congress will provide the opportunity for a comprehensive overview of the latest research developments in cardiovascular medicine, primarily in the areas of Molecular and Cellular Cardiology, Genetics of Heart Disease, Cardiac Imaging, Coronary Artery Disease, Peripheral Arterial Disease, Interventional Cardiology, Lipoprotein Disorders, Hypertension, Diabetes Mellitus, Heart Failure, Valvular Heart Disease, Diseases of the Aorta, Cardiac Arrhythmias and Electrophysiology, Antiarrhythmic Devices, Sudden Cardiac Death, Pediatric Cardiology, Congenital Heart Disease, Cardiac Surgery, Heart Transplantation, Mechanical Circulatory Support and Measurement of Outcome and Quality of Cardiovascular Care.

Program areas will range from clinical pathophysiology to evaluation and stratification techniques and molecular and cellular biology, including neurohumoral, immunological and genetic studies. We will discuss new and innovative diagnostic methods, prevention and treatment of heart disease, and prognostic algorithms. Integrated into the program will be an update on the latest major clinical trials. We hope that you will participate in this Congress and submit for presentation your most recent scientific work in the rapidly evolving field of cardiovascular disease.

Your interaction with your colleagues from many different countries will stimulate a creative exchange of ideas and will be personally rewarding.

23rd Annual Meeting of the Japan Society of Gene and Cell Therapy



Japan Society of Gene and Cell Therapy

Date(s): July 20-22. 2017

Location: Okayama. Japan

Website: www.mcd-gakkai.org/jsgct23/cng

Description:

Since 1990 when the first gene therapy clinical trial was conducted for adenosine deaminase deficiency, gene and cell therapy has made steady progress with repeated ups and downs and proven to be effective in ex vivo stem cell gene therapy for primary immunodeficiencies and metabolic disorders, in vivo gene therapy using adeno-associated virus for hemophilia and inherited retinitis, CAR-T therapy for B cell leukemia and malignant lymphoma, and oncolytic virus therapy for solid tumors. With this, the international momentum for the practical realization of gene therapy as an innovative medical drug has increased rapidly and facilitated more companies to conduct gene therapy clinical trials worldwide for various intractable diseases. In addition, a new approach using genome editing techniques for diseases has also been applicable in clinical trials and in the near future the definition of gene therapy may change from “therapy with a gene” to “therapy for a gene”.

On the other hand, such a new technology to be put into practice, sometimes carry unimaginable risks which urges us to have further discussion on ethical issues, with other fields. The experience of tragic setbacks and overcoming times of difficulties has strengthened gene and cell therapy to establish itself as a safe and effective therapy and I am certain to say that our society will play a critical role in the contribution to the progress of gene and cell therapy in Japan.

23rd Clinical Applications for Age Management Medicine

23rd Clinical Applications for Age Management Medicine

November 2-5, 2017

JW Marriott Starr Pass Resort & Spa, Tucson, Arizona

Date(s): November 2-5, 2017

Location: Tucson, Arizona

Website: <http://bit.ly/2tTRes0>

Description:

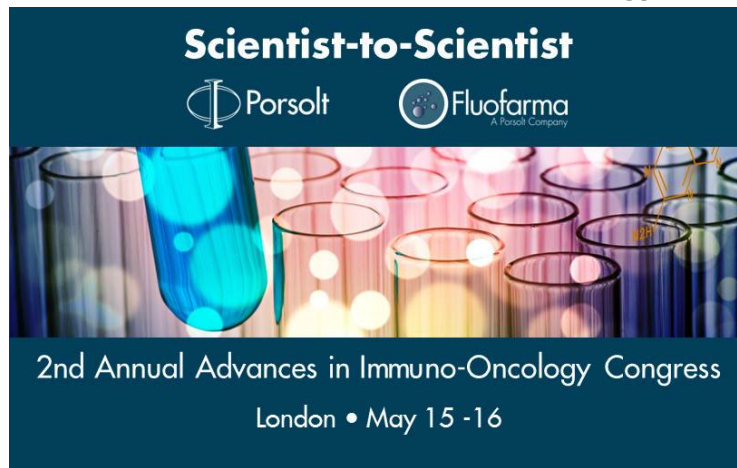
The Age Management Medicine Group (AMMG) would like to encourage qualified speakers who wish to become members of our faculty to submit for consideration.

The Conference Planning Committee will review all submissions. Preference will be given to credentialed faculty at the medical professional level who have an expertise in their field and have the ability to provide comprehensive learning materials for the course syllabus. Topics that reflect non-commercial, new or cutting edge evidence based information for Age Management Medicine clinicians and include the theme of this event are preferred. All faculty and presentations must adhere to ACCME standards.

The General Conference Curriculum will Include These Topics:

- Are their Guidelines for the Use of Testosterone in Women?
- Women's Sexual Health
- Testosterone and Breast Cancer
- Basic Clinical Evaluation for Women
- Dysfunctional Bleeding
- Alzheimer's Prevention
- Brain Health
- What to Look for and Screen in Dementia
- Loss of the Microbiome and the Extracellular Matrix as an Etiology for Accelerated Neurologic Aging and the Modern Disease Epidemics
- Translational Enteroimmunology
- Microbial Age
- Molds and Mycotoxins: How they affect our brain, and how to treat patients affected by them
- Progressive Peptide Therapy
- How to Pick a Good Supplement: Proper Dosage, Packaging, Ingredients
- Impact of Hormones. Toxins and the Microbiota on Mood

2nd Annual Advances in Immuno-Oncology Congress



Date(s): May 15-16, 2017

Location: London. United Kingdom

Website: <https://www.immunooncology-congress.com/>

Description:

Oxford Global are proud to present the 2nd Annual Advances in Immuno-Oncology Congress, taking place 15-16 May 2017 in London UK. The event features 200 delegates from world renowned academic institutions, hospitals, global pharmaceutical organisations and leading biotechnology companies. 36 presentations and case studies will focus on the key developments in Immuno-Oncology with specific reference to the discovery of therapeutic areas, pre-clinical and clinical studies, screening, assays and modelling.

On the congress, there were over 300 delegates from world renowned academic institutions, hospitals, global pharmaceutical organisations and leading biotechnology companies.

Over 50 presentations and case studies focusing on the key developments in Immuno-Oncology with specific reference to the discovery of therapeutic areas, pre-clinical and clinical studies was shown.

There were 6 interactive streams:

- Discovery of Immuno-Oncology Therapies
- Translational Immuno-Oncology
- Genomics in Cancer Immunotherapy and Precision Medicine
- Preclinical Development: Screening, Assays and Modelling in Immuno-Oncology
- Immuno-Oncology Therapeutics Approaches: Clinical Research and Clinical Trials
- Microbiome in Immuno-Oncology

2nd Cardiovascular Prevention in Pre-Elderly and Elderly Individuals



Date(s): July 7-9, 2017

Location: Vienna, Austria

Website: <http://www.cardioelderly.org/>

Description:

The Congress has been designed to provide an innovative and comprehensive overview of the latest research developments in cardiovascular medicine, as well as responses to the most debatable issues primarily in the areas of the prevention of hypertension, diabetes, metabolic syndrome, coronary artery disease, heart failure, cardiac arrhythmias, stroke and acute coronary syndromes in Pre-Elderly and Elderly Individuals.

Many distinguished cardiologists and scientists have joined the faculty and will take part in this Congress. Papers will be presented in the form of plenary sessions, symposia, workshops, oral presentations and posters and will include superb scientific material that will be carefully selected by the Scientific Abstract Review Committee

The conference have more than 15 presentations on different anti-ageing themes.

2nd Interventions in Aging Conference

2nd Interventions in Aging Conference

Understanding Mechanisms & Compressing Morbidity in Aging Humans

Date(s): March 2-5, 2017

Location: Cancun, Mexico

Website: <https://www.fusion-conferences.com/conference48.php>

Description:

A plethora of genetic, dietary and pharmacological interventions can extend healthy lifespan in laboratory animals, and can delay or ameliorate diverse aging-related diseases. Many of the signalling pathways involved are evolutionarily conserved, and are starting to be implicated in human aging. This raises the intriguing possibility of performing preventative medicine against the chronic diseases of our time by targeting the main risk factor for all of them, namely aging. Two important current challenges in the field are (1) to understand the downstream pathways by which longevity interventions combat age-related loss of function and pathology, and (2) to translate the findings into the extension of human healthspan.

The conference organisers have \$1,000 grants available for students and post-docs to help offset the cost of registration. Applications must contain a full name, brief description of current research, a short explanation as to why they would benefit from attending and lastly an abstract must be attached for consideration for either a talk or poster presentation.

Key Sessions:

- Epigenetics
- Stem Cells
- Cell Signalling
- Translating Research to Benefit Aging Humans

2nd International Symposium Healthy Ageing



Date(s): February 27-28

Location(s): Magdeburg, Germany

Website: <http://www.leibniz-gesundes-altern.de/symposium/2nd-international-symposium-healthy-ageing/>

Description:

Healthy Ageing – living free of diseases, functional decline, and disabilities as long as possible while keeping up high levels of well-being – should be an achievable goal for most older people in modern industrialized societies. In order to achieve this goal interdisciplinary research is required to obtain knowledge and environmental factors promoting the preservation of health, which can be used to develop novel strategies for intervention.

To address these challenges, the Leibniz Research Alliance Healthy Ageing (LRA Healthy Ageing) was formed in 2013. It consists of 21 institutes of the Leibniz Association and combines expertise in life sciences, psychology, education science, sociology, and economics covering a very broad and comprehensive scientific spectrum in a unique manner.

To stimulate, facilitate and intensify scientific collaborations within the LRA across the various disciplines, the LRA Healthy Ageing will meet at the 2nd International Symposium Healthy Ageing.

The program will cover plenary sessions with international keynote speakers, who are highly respected in ageing research. It will also leave enough time for the scientist to come into contact by open poster sessions, meetings in focus groups and developing new research projects within the groups.

2nd Molecular Biology of Ageing Meeting 2017

ERIBA

[Home](#) [Programme](#) [Registration fees](#) [Call for Abstracts and Posters](#) [Venue](#) [Accommodation and Travel](#) [Sponsors](#) [Contact](#)

Groningen, The Netherlands | October 8 - 11, 2017
2nd Molecular Biology of Ageing Meeting 2017

Date(s): October 08-11

Location(s): Groningen, The Netherlands

Website: <http://www.bioageing.nl>

Description:

Let's become a part of a leading Meeting on the Molecular Biology of Ageing.

On the Meetings, world-leading scientists working in the diverse research areas that are relevant for understanding the biology of ageing, come together. The Meeting will begin on October 8th with an Opening Lecture by Professor Andrew Dillin, Thomas and Stacey Siebel (Distinguished Chair in Stem Cell Research at the Department of Molecular and Cell Biology at Berkeley).

The Program of the Meeting is organized into ten sessions covering a wide range of topics related with the process of ageing. For each session two leading scientists will introduce the topic and present their latest work. One to two additional speakers for each session have been selected from submitted abstracts. Abstracts will also be presented as posters in two sessions. We hope to stimulate new ideas and approaches and foster collaborations that will facilitate community-building in the field of ageing research.

Session topics:

- Telomeres
- DNA repair and genome instability
- Mitochondria and apoptosis
- Nutrient Sensing
- Autophagy and Immunity
- (Epi)genetics and ageing
- Protein homeostasis
- Stem cells
- Cellular senescence

2nd Zing Genomic Integrity Conference



Biological | Chemical Biology & Medicinal | Human Health

2nd Zing Genomic Integrity Conference

9 July 2017 16:00 - 13 July 2017 12:30, Dublin, Ireland 

Date(s): July 9-13. 2017

Location: Dublin. Ireland

Website: <http://www.rsc.org/events/detail/25203/2nd-zing-genomic-integrity-conference>

Description:

This 4 day meeting will focus on the molecular pathways that protect living organisms from deleterious genetic changes. It will include sessions covering both established areas in the field, including excision repair pathways, DNA damage signalling, translesion synthesis and recombination as well as more emergent topics such as DNA damage in mitosis and the role of RNA in the DNA damage response. There will also be sessions covering human disorders and therapeutic targeting of genome stability.

The program will include time for vibrant group discussions, poster sessions and ample time for individual interactions. The key goal of this international meeting is to allow the community of scientists working in this highly interconnected set of sub-fields to come together in a single location, so as to share their exciting results and to discuss their thoughts for future research directions and collaborations.

3rd International Conference on Information and Communication Technologies for Ageing Well and e-Health (ICT4AWE)



Date(s): 28-29 April, 2017

Location(s): Porto, Portugal

Website: <http://www.ict4ageingwell.org/>

Description:

The International Conference on Information and Communication Technologies for Ageing Well and e-Health aims to be a meeting point for those that study and apply information and communication technologies for improving the quality of life of the elderly and for helping people stay healthy, independent and active at work or in their community along their whole life. ICT4AWE facilitates the exchange of information and dissemination of best practices, innovation and technical improvements in the fields of age-related health care, education, social coordination and ambient assisted living. From e-Health to intelligent systems, and ICT devices, this will be a point of interest for all those that work in research and development and in companies involved in promoting the well-being of aged people, by providing room for industrial presentations, demos and project descriptions.

Conference Areas:

- Ambient Assisted Living
- Telemedicine and e-Health
- Monitoring, Accessibility and HCI
- Independent Living

3rd International Conference on Innovations in Cancer Research and Regenerative Medicine



Date(s): September 10-13. 2017

Location: Ho Chi Minh City. Vietnam

Website: <http://www.crrmconference.com/>

Description:

CRRM is the conference about Cancer Research and Regenerative Medicine co-organized by University of Science, VNU-HCM, Viet Nam, University of California, Los Angeles (UCLA), US. CRRM is an international forum for all scientists, researchers, doctors, students about cancer research and regenerative medicine.

From the success of the first and second conference, the third CRRM is widely interested by scientific community. There were presented 200+ speakers, 500+ attendees from 20+ countries.

All registered abstracts of the 3rd Innovations in Cancer Research and Regenerative Medicine are published in a Supplement of the Biomedical Research and Therapy journal published by Biomedpress. Biomedical Research and Therapy is indexed by ESCI, Web of Science, EMBASE, DOAJ, EBSCO, IndexCernicus and other databases. Publishing is free of charge.

44th European Calcified Tissue Society Congress



Date(s): May 13-16. 2017

Location: Salzburg. Austria

Website: <http://ects2017.org/category/about-the-congress/>

Description:

ECTS serves as a forum for researchers and clinicians working in the musculoskeletal field to join forces, discover and discuss the latest advances and controversies in research and in the daily care of patients. One of the great successes of the ECTS scientific programme over time has been due to the principle of bridging the gaps between translational research and clinical application. The Scientific Programme Committee has continued to develop the programme based on this successful format and has created a stimulating and varied agenda.

The 2017 ECTS Programme offers:

- An exciting programme of invited speaker lectures featuring some of the world's leading experts in the field
- Meet the Professor sessions
- Dedicated New Investigator sessions
- Joint ECTS-ASBMR debate and lecture
- A high proportion of submitted abstracts selected for the oral programme
- Well-attended poster sessions with dedicated poster viewing time
- A busy poster and exhibition area with lunch included in the delegate fee
- Company-supported satellite symposia highlighting some of the latest developments in therapy and research

One of the great successes of the ECTS scientific programme over time has been due to the principle of bridging the gaps between translational research and clinical application. The Scientific Programme Committee has continued to develop the programme based on this successful format and has created a stimulating and varied agenda..

4th International Conference on Ageing in a Foreign Land



Date(s): 21-22 June 2017

Location(s): Adelaide, Australia

Website: <http://www.flinders.edu.au/ehl/conferences/ageing/>

Description:

Building on an international theme, the title of the conference - 'Ageing in a Foreign Land' - highlights the important issue of ageing from a culturally and linguistically diverse (CALD) perspective.

This unique conference with a multicultural perspective journeys into the deep cultural, spiritual, and linguistic areas of ageing amongst CALD communities. It represents a stimulating and colourful cross disciplinary and cross generational insight into our noiseless, but not silent, ethnic communities and neighborhoods.

The theme for 2017 is: Hope, Strength and Meaning

We welcome attendance and participation from academics, researchers, practitioners, policy makers, service providers, aged care workers, and the community. An exciting program will include the following topics:

- Spirituality
- Culture
- Demography

4th International Symposium on Peripheral Nerve Regeneration

4th International Symposium on Peripheral Nerve Regeneration

July 06th - 08th, 2017 - Barcelona, Spain

Date(s): July 6-8, 2017

Location: Barcelona, Spain

Website: <https://sites.google.com/site/0ispnr0/>

Description:

The study of peripheral nerve repair and regeneration has gained considerable interest in regenerative medicine.

Despite the scientific advancements however, application to the patients is still limited. It appears that in order to optimize the strategy for tissue engineering of the peripheral nerve in the clinical perspective, more basic research is needed. Neuroscientists need to strive for a new level of innovation which brings together (in a multi-translational approach) the main pillars of regenerative medicine, namely 1) Reconstructive microsurgery, 2) Transplantation (of tissues, cells and genes), 3) Material science and bioengineering, 4) Physical therapy and biostimulation, 5) Bioelectronics and bioengineering.

In line with this growing interest, and following the success of the preceding symposia in 2009, 2014 and 2015, the ISPNR aims at bringing together an international and interdisciplinary panel of scientists who critically address some of the most important issues in this emerging biomedical field.

50th Australian Association of Gerontology Conference, 8-10 November 2017



Date(s): 8-10 November 2017

Location(s): Perth, Australia

Website: <https://www.aag.asn.au>

Description:

The AAG 2017 Conference will provide a forum to reflect on and re-imagine the incredible potential of our ageing society, now and into the future. It will seek to describe and imagine ways in which we can best support and enhance health and well-being, and to encourage debate on the nature of our society and the importance of ageing within it. It will seek to demonstrate how ground-breaking research and evidence-based policy can harness the great value of our diverse and ageing population for the benefit of all. It will offer attendees an opportunity to explore the variety of experiences of ageing, and reimagine what ageing means to us all as a society.

Hear from leading experts in the field of ageing. This year's program included presentations and discussions led by respected researchers, academics, policy makers and practitioners. Discover the latest developments in the field, hear new research and learn about best-practice in the industry.

Presenting at an AAG Conference is a powerful way to gain recognition for your expertise among fellow gerontology leaders, practitioners, professionals, students and emerging stars of the field. It is the platform for discussion and sharing of ideas with your peers and colleagues.

55th Session of the Commission for Social Development



Date(s): February 01-10

Location(s): New York City / NY, USA

Website: <https://www.un.org/development/desa/dspd/unity-nations-commission-for-social-development-csod-social-policy-and-development-division/csod55.html>

Description:

The fifty-fifth session of the Commission for Social Development (CSocD55) took place in conference room 4, at the United Nations Headquarters in New York from 1 to 10 February 2017. The priority theme for the 2017-2018 review and policy cycle is “Strategies for eradicating poverty to achieve sustainable development for all”.

The CSocD55 stressed that the international community must bolster current commitments to eradicate poverty in all its forms and must fully implement the 2030 Agenda in its entirety to ensure that no one was left behind. It noted that the 2030 Agenda was inextricably linked to the rights of women, young people, older persons, indigenous people, persons with disabilities and other vulnerable groups. Those groups continued to disproportionately face major obstacles to their development, while people living in extreme poverty lacked the political power and equal opportunities to take charge of their destiny. Hence, human dignity must be at the centre of any sustainable development process

Themes:

- Strategies for eradicating poverty to achieve sustainable development for all
- Review of relevant United Nations plans and programmes of action pertaining to the situation of social groups:
 - (i) World Programme of Action concerning Disabled Persons
 - (ii) Standard Rules on Equalization of Opportunities for Persons with Disabilities
 - (iii) World Programme of Action for Youth
 - (iv) Madrid International Plan of Action on Ageing, 2002
 - (v) Family issues, policies and programmes
- Promoting Integrated Policies for Poverty Eradication: Youth Development in the 2030 Agenda

6th Annual International Symposium on Regenerative Rehabilitation



Date(s): 1-3 November 2017

Location: Pittsburgh, Pennsylvania

Website: www.ar3t.pitt.edu/cducation/symposium.html

Description:

The Symposium on Regenerative Rehabilitation, featuring renowned researchers and clinicians from around the world, focuses on the emerging field of Regenerative Rehabilitation. This new and innovative approach combines discoveries in tissue engineering and cellular therapies with rehabilitative treatments, resulting in improved functional outcomes for patients. This Symposium encourages the participation of scientists, clinicians and physical therapists who are in the fields of regeneration, physical medicine and rehabilitation. The Symposium agenda has been designed to create a platform for bridging these areas of expertise in a setting that fosters discussion, interaction, cross-discipline pollination and networking.

As we approach a new era of technological advancements, regenerative medicine scientists must work closely with rehabilitation specialists in the development of clinical protocols to optimize functional recovery. To date, there have been few opportunities for regenerative biologists to be exposed to protocols and methodologies commonly employed in the clinic by rehabilitation professionals, protocols which serve as potent stimuli to drive functional tissue restoration. Nor are most rehabilitation scientists and clinicians exposed to the many advances in the field of regenerative medicine. There is, therefore, a great need to increase the interaction of individuals across the fields of rehabilitative and regenerative medicine such that, as technologies are developed and as understanding of regenerative biology progresses, advances may be smoothly and efficiently translated to the clinic.

A better understanding of the synergistic effect of rehabilitation approaches and regenerative medicine technologies has the potential to propel the translation of regenerative technologies into functionally relevant treatment interventions for a host of pathologies which will, in turn, transform the future of rehabilitative healthcare.

Aged Care Nurse Managers Conference

ACNMM17

Aged Care Nurse Managers Conference

Date(s): May 10-11 2017

Location(s): Melbourne, Australia

Website: <http://www.totalagedservices.com.au/acnm-conference.html>

Description:

The Aged Care Nurse Managers Conference (ACNM) is an annual event that attracts over 200 delegates. Aimed at DONs, DDONs, NUMs, Coordinators, Team Leaders, ACNs, Education Coordinators and Quality Managers, this 2 day event is sure to impress.

The conference aims to:

Present contemporary, clear & concise information with practical application & provides delegates with a professional opportunity to reflect, review & recharge.

Feature an extensive Trade Expo, terrific 'stories from the field' sessions and a great opportunity to network & share information/ideas.

ACNM is run by Total Aged Services - a quality provider of a range of events/services for the Australian Health, Aged & Disability sectors including: Conferences, workshops, exhibitions and other education/consulting services. The founder & principal of Total Aged Services is Wayne Woff. He has over 30 years experience in the Australian Health & Aged Care sectors - as nurse, clinician, manager, educator, consultant, event organiser & publisher.

Ageing Asia Future of Eldercare Operations Seminar



FUTURE OF ELDERCARE OPERATIONS SEMINAR 2017

25 - 26 April 2017 • Level 3, Hibiscus Ballroom 3602, Marina Bay Sands Convention Centre, Singapore

Date(s): 25-26 April, 2017

Location(s): Singapore

Organizer: <https://www.ageingasia.com/>

Website: <http://ageingasia.com/index.php/industry-trainings/singapore/aa-future-of-eldercare-operations-seminar>

Description:

The annual Ageing Asia Future of Eldercare Operations Seminar looks to bringing together healthcare and eldercare managers and care teams from the Government, Business and Not-for-Profits to gain access to global programmes, innovations and strategies that help to increase productivity, improve capabilities and quality of life.

Launched in 2016, the inaugural Ageing Asia Future of Eldercare Operations Seminar welcomed over 30 speakers sharing their perspectives and exchange knowledge with international and local representatives from the sector.

As part of Ageing Asia's social enterprise mission, Ageing Asia is sponsoring all Singapore Intermediate and Long Term Care (ILTC) service providers with complimentary passes to attend the seminar.

Key Learning Objectives:

- Exchange knowledge of global best practices in care for older adults
- Increase operational care knowledge
- Encourage culture change to improve quality of care delivery
- Foster camaraderie and partnerships in care industry
- Identify new approaches towards care delivery

Aging & Society: Seventh Interdisciplinary Conference

Aging & Society: Seventh Interdisciplinary Conference 2017

November 3-4, 2017 University of California, Berkeley, Berkeley, CA, United States (Past)

Date(s): November 3-4, 2017

Location: Berkeley, California

Website: <http://agingandsociety.com/2017-conference>

Description:

Founded in 2011, the Aging & Society Research Network is a forum for discussion of challenges and opportunities for a rapidly growing segment of the population worldwide. The process of aging is a concern for individuals, families, communities, and nations. The social context of aging provides a rich background for community dialogue on this, one of the critical questions of our time.

Aging & Society: An Interdisciplinary Conference attendees include leaders in the field, as well as emerging scholars, who travel to the conference from all corners of the globe and represent a broad range of disciplines and perspectives. A variety of presentation options and session types offer opportunities for attendees to share their work, discuss key issues in the field, and build relationships with attendees.

Aging & Society: Seventh Interdisciplinary Conference features research addressing the following annual themes:

Theme 1: Economic and Demographic Perspectives on Aging

Theme 2: Public Policy and Public Perspectives on Aging

Theme 3: Medical Perspectives on Aging, Health, Wellness

Theme 4: Social and Cultural Perspectives on Aging.

Alzheimer's Association International Conference



Date(s): July 16-20, 2017

Location: London, United Kingdom

Website: https://alz.org/aaic/releases_2016/mon_930_ET.asp

Description:

This event showcases like foster an atmosphere to encourage research opportunities of care management for persons engaged with Alzheimer etc. in the Medical & Pharmaceutical industry.

For the 2016 year, for example, Canadian researchers presented at AAIC the next observations:

- Discoveries identifying biomarkers of memory resilience in people with Alzheimer's disease and preserved motor function in people with Parkinson's disease, which may offer new targets for treatment.
- Creative and evidence-based methods of delivering culturally appropriate dementia care to several First Nation (Indigenous) communities in the province of Ontario.
- An Ontario-based physical and social recreation program provides significant improvements in physical function, activity and agility for people with dementia.

Also, according to researchers, the prevalence of Alzheimer's disease and other dementias has increased more than 18 percent in Ontario, Canada, over the past eight years. Although prevalence rates have remained higher among women (97.3 per 1,000 in 2012/13) than men (68.2 per 1,000), the increase over the study period was greater among men.

American Geriatrics Society Annual Scientific Meeting 2017



Date(s): May 18-20

Location(s): San Antonio / TX, USA

Website: <https://www.americangeriatrics.org/about-us>

Description:

The American Geriatrics Society (AGS) is a nationwide, not-for-profit society of geriatrics healthcare professionals dedicated to improving the health, independence, and quality of life of older people. Our nearly 6,000 members include geriatricians, geriatric nurses, social workers, family practitioners, physician assistants, pharmacists, and internists.

The Society provides leadership to healthcare professionals, policymakers, and the public by implementing and advocating for programs in patient care, research, professional and public education, and public policy.

Healthcare providers from an array of professions and specialties consider the AGS meeting the premier professional forum for information on geriatrics research, clinical practice, and professional education. The AGS Annual Meeting Exhibit & Support Program gives companies and non-profit organizations an excellent place to spotlight new products and services, reaching the most influential leaders and decision-makers in geriatrics.

Aging in America

THE ANNUAL CONFERENCE OF THE AMERICAN SOCIETY ON AGING

MARCH 20-24, 2017 IN CHICAGO

Date(s): March 20-24, 2017

Location(s): Chicago / IL, USA

Website: <http://www.asaging.org/asas-annual-aging-america-conference>

Description:

ASA offers professional education, outstanding publications and online information and training resources that are nationally recognized.

ASA's Aging in America Conference is the nation's largest and most dynamic multidisciplinary event known for its comprehensive view of the issues, challenges and opportunities in aging. It is the place to connect with peers, refresh your knowledge and gain new perspectives. We invite you to join our conference community of nearly 3,000 multidisciplinary professionals who, like you, are working to improve the lives of older adults.


All conference activities will take place at the Hilton San Francisco Union Square.

Central themes from the conferences:

- Older Adults and HIV/AIDS
- Older Adults and Sexual Health
- LGBT Aging
- How the Arts Can Affect How We Think About Aging

Annual International Symposium on Diabetes

3rd Annual International Symposium on Diabetes

1 May 2017 09:00 - 4 May 2017, Athens, Greece 

Date(s): May 1-4. 2017

Location: Athens. Greece

Website: <http://www.atiner.gr/diabetes>

Description:

The Medicine Research Unit of ATINER organizes its 3rd Annual International Symposium on Diabetes, 1-4 May 2017, Athens, Greece as part of the 5th Annual International Conference on Health & Medical Sciences sponsored by the Athens Journal of Health.

The aim of the conference is to bring together academics and researchers from all areas of diabetes and related disciplines.

Special arrangements will be made with a local hotel for a limited number of rooms at a special conference rate. In addition, a number of social events will be organized: A Greek night of entertainment with dinner, a special one-day cruise to selected Greek islands, an archaeological tour of Athens and a one-day visit to Delphi. Details of the social program are available here.

Annual UCLA Research Conference on Aging

Annual UCLA Research Conference On Aging

GeroNET > GeroNET > Annual UCLA Research Conference On Aging

Los Angeles

Wednesday, May 16, 2018

Start: 08:00

End: 12:30

Ackerman Grand Ballroom

Date(s): May 2, 2017

Location: Los Angeles, California

Website: <http://www.geronet.ucla.edu/rcoa>

Description:

The conference will highlight UCLA's diverse research efforts to enhance and extend productive and healthy lifestyles for older adults. The event serves as a networking opportunity to connect with others interested in aging research and will feature presentations ranging from basic biology to public policy.

The event provides opportunities for researchers and community members to network, be apprised of the latest research across a broad range of topics including aging biology, epidemiology, clinical research in older adults, public health, and health policy, and to spark new and innovative collaborations. The program includes one keynote lecture, two poster sessions, and plenary talks.

Conference Sponsors:

1. UCLA Multicampus Program in Geriatric Medicine and Gerontology
2. The UCLA Longevity Center
3. The UCLA Mary S. Easton Center for Alzheimer's Research
4. UCLA Clinical and Translational Science Institute

Australian Biology of Ageing Conference



Date(s): 27-28 April 2017

Location(s): Sydney, Australia

Website: <http://www.ageingbiologyaustralia.org/>

Description:

The overwhelming burden of non-communicable disease is borne by the older population, with conditions treated or researched in isolation. With ageing now viewed as a programmed, biological phenomenon, there is the possibility that interventions in this process could be used to treat a broad range of diseases, and drastically reduce health spending.

The conference aims to encourage the study of ageing as an underlying program involved in disease processes. More than 130 experts will discuss the latest research into prolonging life, maintaining health and slowing the ageing process. This meeting will foster new cross-disciplinary collaborations in the local community, by bringing together researchers from diverse fields including metabolism, epigenetics, cell biology, systems biology, neurobiology, proteomics, cancer, pharmacology, physiology, geriatric medicine, nutrition, genomics, evolutionary biology and ecology.

Big Data in Biology and Health



Big Data in Biology and Health

25-27 September 2017

Wellcome Genome Campus, Hinxton, Cambridge, UK

Date(s): September 25-27. 2017

Location: Hinxton, United Kingdom

Website: <https://coursesandconferences.wellcomegenomecampus.org/events/item.aspx?e=664>

Description:

The second big data in biology and health meeting will explore the opportunities and challenges of big data in biology, health and disease and provide a forum for scientists and clinicians from academia and industry to drive the future development of research in this area.

Individualised medicine based on patient genomes will have an enormous impact on healthcare. With breakthroughs in DNA sequencing technology, the number of sequenced genomes could reach >1 million within 5–10 years. The simultaneous generation and integration of this associated molecular and clinical data will provide an unprecedentedly rich set of 'big data' for basic research and translation. Integration of these data will provide new research opportunities, for example, through the identification of novel biomarkers or by enabling the identification of causal relationships in molecular biology through analysing complex datasets, but will also come with significant technical and bioethical challenges.

This year's meeting will focus on the theoretical foundations for the use of large datasets in healthcare. It will address the opportunities and challenges of 'big data' analytics and data mining, there will be sessions on infrastructure, pipelines and data sharing. We will also explore the applications of big data in basic research and genomics, and the translational opportunities in the clinical setting.

The meeting will bring together a wide group of researchers including computational biologists, computer scientists, epidemiologists and clinicians from academia and industry. Overall this interdisciplinary meeting aims to enable the research community to participate in and help drive the future development of "big data" research, as well as raise further awareness for this new and relevant research direction in the life sciences.

BIO-Europe 2017



Date(s): November 6-8, 2017

Location: Berlin, Germany

Website: <https://ebdgroup.knect365.com/bioeurope/>

Description:

BIO-Europe is the preeminent partnering conference for the life sciences, bringing together international decision makers from the biotechnology, pharmaceutical and financial sectors, offering networking opportunities, workshop and panel participation, a high profile exhibition, and private, prescheduled one-to-one meetings.

Delegates from all parts of the biotechnology value chain come to BIO-Europe to quickly identify, engage and enter into strategic relationships that drive their businesses successfully forward. Investment and collaboration opportunities developed in prior BIO-Europe conferences have produced many highly successful business partnerships.

BIO-Europe attracts a wide range of business leaders, including senior executives of leading biotech companies, business development teams from large and midsize pharmaceutical companies, investors and other industry experts

Bioinformatics in Ageing Research - Satellite Workshop

IBIMLA

Date(s): September 01, 2017

Location(s): Halle, Germany

Website: <https://sites.google.com/site/ageingbioinfo/ageingbioinfo2>
<http://www.medizin.uni-halle.de/index.php?id=3709>

Description:

Population aging in the 19th to 21st centuries is unprecedented in human history. Although average life expectancy is still increasing, we will have to confront the same degenerative diseases as in the last century. Within the world wide health systems, the major goal will change from just treating isolated single diseases to an increase in healthspan. Ageing is the most important common risk factor and the basis for most of the age-related chronic diseases. In model systems, we have learned a great deal about the mechanisms of ageing and are able to modify health as well as lifespan by genetic, pharmacological or lifestyle interventions. It will be the goal in the future to translate such results into humans.

The purpose of this meeting is (1) to discuss aging as a modifiable risk factor of diseases, (2) to promote greater communication among the world-wide community of individuals engaged in ageing research and (3) to invite young students to join this field of research.

The congress will be the 8th international meeting on ageing in Halle (Saale) and will accompany the development of a focus on ageing research in Central-Germany. It will comprise invited talks and poster sessions. There will be no concurrent sessions.

BIT's 5th World Annual Congress of Geriatrics and Gerontology-2017



Date(s): December 04-06. 2017

Location(s): Fukuoka, Japan

Website: <http://www.bitcongress.com/WCGG2017/default.asp>

Description:

WCGG-2017 is an international event focusing on the core knowledge and major advances in the ever-expanding field of Geriatrics and Gerontology by attracting experts on a global scale and we will supply the most cutting-edge technology information to you. With the participation of outstanding international experts, we hope productive discussions would stimulate new creative ideas to translate new discoveries into better practice and application. We hope your participation would contribute to your professional development and relationships.

Highlights of the WCGG-2017:

- 100+ Oral Presentations Covering the Hot Topics and Cutting-Edge Technology in the Field of Geriatrics and Gerontology
- 30+ Posters Demonstrating
- Cutting-Edge Keynote Addresses by Prominent Leaders from All Over the World
- Creating a Harmonious Environment for Project Matchmaking and Promotion
- Opportunities to Visit Japan Natural and Humanistic Landscapes

British Geriatrics Society Autumn Meeting 2017



British Geriatrics Society
Improving healthcare
for older people

Date(s): November 22-24. 2017

Location(s): London, UK

Website: <https://eu.eventscloud.com/ehome/200170574>

Description:

The BGS Autumn meeting will cover the latest scientific research and the best clinical practice in care of older people. Our ageing population is stimulating extensive NHS service redesign to deal with the challenge of caring for larger numbers of older people both in and out of hospitals. This conference will cover core areas of interest to all specialists responsible for the health care of older people in the United Kingdom.

Plenary sessions on:

- Community geriatrics
- Commissioning Care Homes services
- Care Home Research
- Designing care homes
- Pain in Older People
- Movement Disorders - Parkinson's & Non Parkinson's
- Cardiac Disease & TAVI
- Research clinic
- Gastro Intestinal Disorders in Older People
- Biology of Ageing
- Depression
- Drugs and Prescribing
- Respiratory Issues in Older People
- Foot Disorders

British Geriatrics Society

Improving healthcare for older people

Date(s): April 26-28. 2017

Location(s): SAGE Gateshead / Newcastle, UK

Website: <https://eu.eventscloud.com/ehome/200170575>

Description:

The BGS Spring meeting will cover the latest scientific research and the best clinical practice in care of older people. Our ageing population is stimulating extensive NHS service redesign to deal with the challenge of caring for larger numbers of older people both in and out of hospitals.

Full day sessions on:

- Ethics and Law
- Dementia

Sessions on:

- Falls and Syncope
- Embedding CGA in other Specialties
- Digital Technology and Telehealth for older patients
- Causes of age-related illness
- Healthy Life Simulation
- Oral Hygiene in older people
- Improving Continence
- Hematology in the Older Person

Workshops on:

- Coroner's court
- Eyes and Ears workshop

British Society for Research on Aging 67th Annual Scientific Meeting



The 67th BSRA Annual Scientific Meeting

University of Exeter, 10th – 12th July 2017

Date(s): July 10-12. 2017

Location: Exeter. United Kingdom

Website: <http://bsra.org.uk/bsra-2017-university-exeter/>

Description:

The aim of this meeting is to show how the -omics technologies allow detailed dissection of ageing processes and age-related disease.

Topics include:

- Epigenetics: Epigenomic trajectories to health and disease, Epigenetic biomarkers of aging and applications, Epigenetic control of gene expression patterns in ageing yeast.
- Transcriptomics: Transcriptomics and ageing: from humans to lab models and back again
- Proteomics: Understanding age-related changes in redox signalling using proteomics
- Ageing mechanisms: Building haystacks and finding needles in the genomics of ageing, 'Senescence: from young to old and back again?
- Immune Ageing: How aging impacts the response to influenza
- Chromosomes and chromatin: Chromosome behavioural changes in old cells

Other events:

- Early career researcher (ECR) event on grant writing
- Public lecture by Prof Judith Campisi, The Buck Institute for Aging Research, USA
- Conference dinner at Reed Hall, a stunning grade II listed building nestled in 300 acres of enchanting landscaped gardens.

Cell Death. Cell Stress and Metabolism Conference

Cell Death, Cell Stress and Metabolism Conference

Tuesday 14 March 2017 1:00 PM » Friday 17 March 2017 1:00 PM

Date(s): March 14-17. 2017

Location: Cancun. Mexico

Website: <https://www.fusion-conferences.com/conference65.php>

Description:

The interplay between cell death, cell stress and metabolism plays a crucial role in shaping normal turnover of tissues, in sensing of danger posed by pathogens or other damage and the immunological response that is mounted to response to them. At this conference we will discuss the basic biological principles that govern cell death, cell stress and metabolism. We will also cover how cellular stress and alterations in metabolism influence the cellular death programs such as apoptosis, necroptosis, ferroptosis and others.

Importantly, this conference aims to become the go-to forum at which the most current and up-to-date therapeutic avenues in the fields of cell death, cell stress and metabolism will be presented and discussed. We anticipate representation from researchers interested in cell death, cell stress and metabolism in both academia and the biotech/pharma industries who want to be on top of these interconnected fields and participate in an international meeting serving as platform for presentation and discussion of the most up-to-date preclinical and clinical work emerging from them.

Learning Objectives:

- To be on top of the field with the diversity of new mechanisms of cell death induction, in addition to apoptosis, which recently entered this field of research
- To understand the interplay between cell death, cell stress and metabolism
- To develop an understanding for where the treatment options are currently seen in these fields
- To learn what is presently being developed preclinically and what is already in clinical trials
- To develop a good sense for where the opportunities for the future lie, both with respect of mechanistic insight and treatment options for the various diseases affected by dysregulated cell death, cell stress and metabolism

Cell Symposium: Neuro-Immune Axis: Reciprocal Regulation in Development, Health and Disease



Neuro-Immune Axis:
Reciprocal Regulation in Development, Health, and Disease
September 17–19, 2017 — Sitges, Spain

Date(s): September 17-19, 2017

Location: Sitges, Spain

Website: <http://cell-symposia.com/neuroimmunology-2017/>

Description:

The goal of this symposium is to explore the interface between the nervous and immune systems during development, homeostasis, and disease. The meeting will examine the mediators, mechanisms, and implications of neuro-immune crosstalk in the central and peripheral nervous systems. It will also cover emerging areas such as the neuronal regulation of peripheral immune function and the influence of the microbiota on the brain. We will bring together researchers from across the fields of neuroscience and immunology to facilitate discussion of exciting new concepts and developments in both fields.

Topics include:

- Neuroimmune mediators in development and homeostasis
- The Gut-Brain axis
- Blood brain barrier function and dysfunction
- Peripheral immunity, inflammation, and infection in regulation of the brain
- Neural control of peripheral immunity and inflammation

CiRA International Symposium: A Decade of Human iPSCs: from Bench to Bedside



Date(s): November 6-8. 2017

Location: Kyoto. Japan

Website: <http://www.cira.kyoto-u.ac.jp/e/pressrelease/seminar/170614-100000.html>

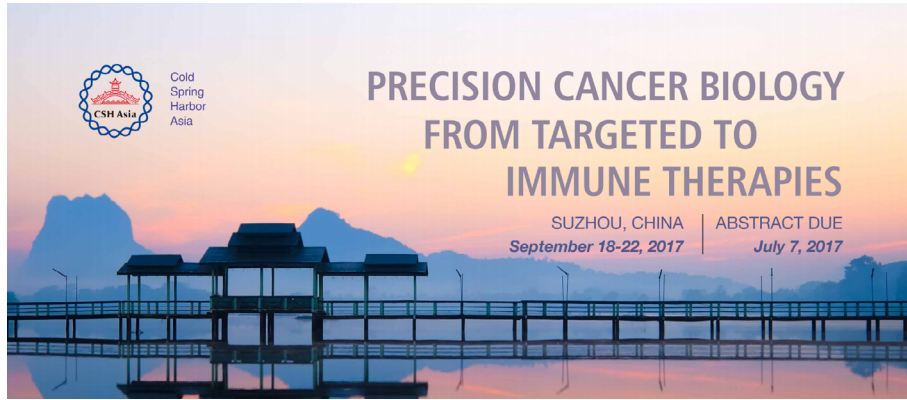
Description:

CiRA organizes an international symposium to promote the worldwide dissemination of its research results and to advance iPS cell research. We will hold the CiRA International Symposium on November 6-8, 2017, celebrating the 10th anniversary of the discovery of human iPS cells. The topics of the symposium range from basic research on pluripotency and cutting-edge technologies to novel applications of stem cells.

Session Topics:

- Understanding pluripotency
- Emerging Technologies
- Regenerative Medicine
- Disease Modelling and Drug Development
- Stem Cell Bank for Applications

CSH Asia: Precision Cancer Biology: From Targeted to Immune Therapies



Date(s): September 18-22. 2017

Location: Suzhou. China

Website: https://www.csh-asia.org/2017meetings/Flyer/flyer_cancer.pdf

Description:

The conference will include eight oral sessions and one poster session covering the latest findings across many topics in cancer biology. Many talks will be selected from the openly submitted abstracts on the basis of scientific merit and relevance. Social events throughout the conference provide ample opportunity for informal interactions.

Major topics:

- Tumor immunology and immunotherapy
- Cancer genomics and targeted therapy
- Cancer stem cells
- Cancer pathways
- Tumor metastasis
- New technologies and large-scale cancer biology

CSH Asia: Stem Cells, Aging & Rejuvenation



Date(s): November 6-10, 2017

Location: Suzhou, China

Website: <http://www.csh-asia.org/2017meetings/AGING.html>

Description:

The conference will include eight oral sessions and one poster session covering the latest findings across many topics in aging relevant basic biomedical researches. Many talks will be selected from the openly submitted abstracts on the basis of scientific merit and relevance. Social events throughout the conference provide ample opportunity for informal interactions.

Major Topics:

- Geroscience
- Stem cells & aging
- Microbiota & aging
- Immune aging
- Brain aging
- Aging as causes to diseases
- Rejuvenation to prevent or cure diseases

CSHL: Genome Engineering: The CRISPR-Cas Revolution

Genome Engineering: The CRISPR-Cas Revolution

July 21 - 24, 2017

Abstract Deadline: May 25, 2017

Organizers:

Jennifer Doudna, University of California, Berkeley/HHMI

Maria Jasin, Memorial Sloan Kettering Cancer Center

Stanley Lei Qi, Stanford University

Jonathan Weissman, UCSF/HHMI

Date(s): July 21-24, 2017

Location: Cold Spring Harbor, New York

Website: <https://meetings.cshl.edu/meetings.aspx?meet=CRISPR&year=17>

Description:

The specific goal for this meeting is to foster fruitful and creative interactions between researchers interested in applying these systems to genome engineering and related advances in a wide variety of organisms, together with scientists studying the basic biology of CRISPR-Cas and related bacterial defense systems. This meeting will consist of six oral sessions plus one poster session; speakers will be invited as well as selected from submitted abstracts.

Topics:

- CRISPR
- CRISPR Medicine
- Screens and Technology
- Cancer and Stem Cells
- Repairing DNA Breaks
- Gene Drive and Model Organisms

Design 4 Health



Date(s): 4-7 December 2017

Location(s): MCG Melbourne, Australia

Website: <https://www.swinburne.edu.au/events/departments/health-arts-design/2017/12/design-4-health-2017.php>

Description:

Design4Health is a biennial conference that brings together designers, health professionals and creative practitioners with researchers, clinicians, policy makers and users from across the world to discuss, disseminate and test their approaches and methods in the ever-changing nexus between design and health.

This year's theme and sub themes are:

- Technology and health
- Environment and health
- Future self and ageing
- Innovations in practice, processes and systems

Also welcomed are the papers focused on methods or education and training that cross-link into one or more of the themes listed above.

EMBL Conference: Cancer Genomics



Date(s): November 5-8. 2017

Location: Heidelberg, Germany

Website: <https://www.embl.de/training/events/2017/CAN17-01/>

Description:

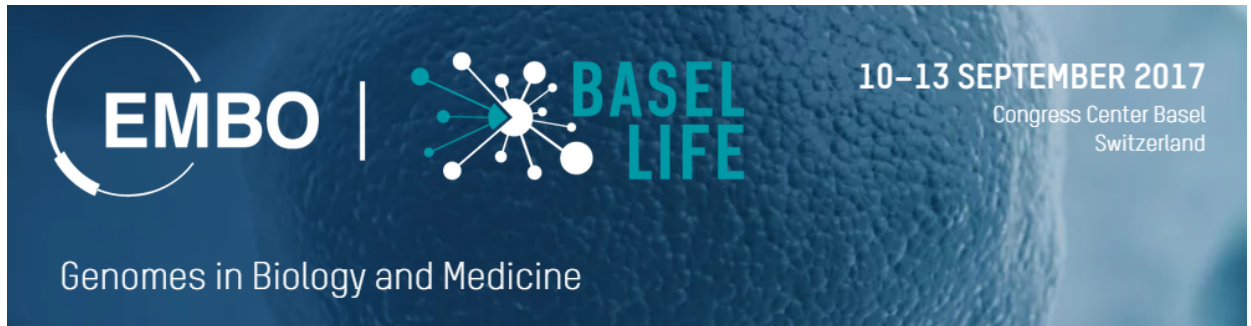
This conference will provide an opportunity to learn about and keep up to date with the rapidly progressing area of cancer genomics. It will cover presentations from cancer genome projects, the areas of cancer functional genomics, systems biology, cancer immunogenomics and epigenomics, cancer mouse models and the translation and clinical impact of scientific results obtained. The meeting will bring together leading scientists from across these areas for a unique opportunity to interact and stimulate further integration of these efforts.

European Cancer Genomics research is particularly strong in the Heidelberg area, with three International Cancer Genome Consortium (www.icgc.org) projects being currently pursued with significant participation from Heidelberg institutions, including EMBL. As in the 2015 meeting, a large number of renowned speakers will be invited, with a strong representation of overseas speakers. The atmosphere at the conference will make this an exceptional event with cutting edge science, extensive scientific discussions and ample possibilities for meetings between and after sessions to facilitate in-depth discussions and new collaborations.

Topics

- Structural genomics and cancer
- Systems biology and drivers of cancer
- Cancer immunogenomics
- Cancer genome and epigenome
- Cancer genome medicine

EMBO/Basel Life Innovation Forums



Date(s): September 10-13. 2017

Location: Basel. Switzerland

Website: <https://www.basellife.org/embo>

Description:

The conference will bring the best in fundamental research to a wide audience, ranging from leading experts in their fields to young researchers at the beginning of their careers, and to students. It aims to foster a fruitful exchange between researchers from academia, clinics, pharmaceutical and biotech industry, and it will promote excellence in the life sciences to a wide audience.

EMBO Conference: Endocytic Trafficking and Signalling in Health and Disease



Date(s): September 10-15, 2017

Location: Serock, Poland

Website: <http://meetings.embo.org/event/17-endocytic>

Description:

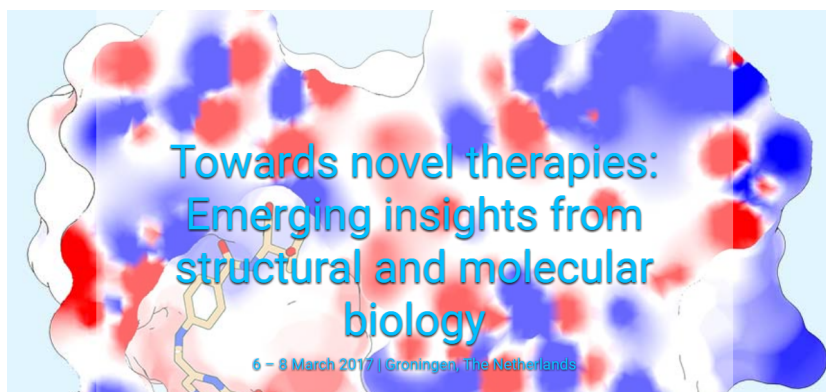
The field of endocytosis gathers researchers investigating endocytic membrane trafficking at multiple levels, from single molecules to organisms. Endocytosis research now extends beyond cell biology and becomes integrated into physiology, developmental biology or molecular medicine but also into physics of biological processes and systems biology. Therefore, the main objective of this EMBO Conference is to present the current diversity of endocytosis research, embracing new conceptual and technological developments. The particular emphasis will be placed on studies integrating endocytic mechanism into the physiology of cells, tissues or organisms, and into disease processes. At the same time, physical and structural approaches to study molecular basis of endocytic trafficking will be represented.

For the conference participation, a limited number of travel grants, in part funded by EMBO, will be available for PhD students and post-docs,. To be eligible for travel grants, you have to be formally registered and accepted for the meeting, i.e. travel grant applications must be filed after the payment deadline of June 20, 2017. To apply for travel grants, please send an mail to embo.endocytosis@iimcb.gov.pl, stating the reasons for applying and including a CV.

The travel grants will be allocated on the basis of the quality of the abstract submitted, with priority given to scientists of any nationality working in laboratories in: Croatia, Czech Republic, Estonia, Greece, Hungary, Malta, Lithuania, Poland, Portugal, Slovakia, Slovenia, Spain and Turkey. A maximum of €500 per travel grant can be awarded but depending on the number of applicants, the amount of the travel grant may be lowered to include more participants.

In addition, there will be at least two travel grants exclusively for participants of any nationality working in laboratories in India, Singapore and Taiwan. A maximum of €1,000 per travel grant can be awarded but depending on the number of applicants, the amount of the travel grant may be lowered to include more participants.

EMBO: Towards Novel Therapies: Emerging Insights from Structural and Molecular Biology



Date(s): March 6-8. 2017

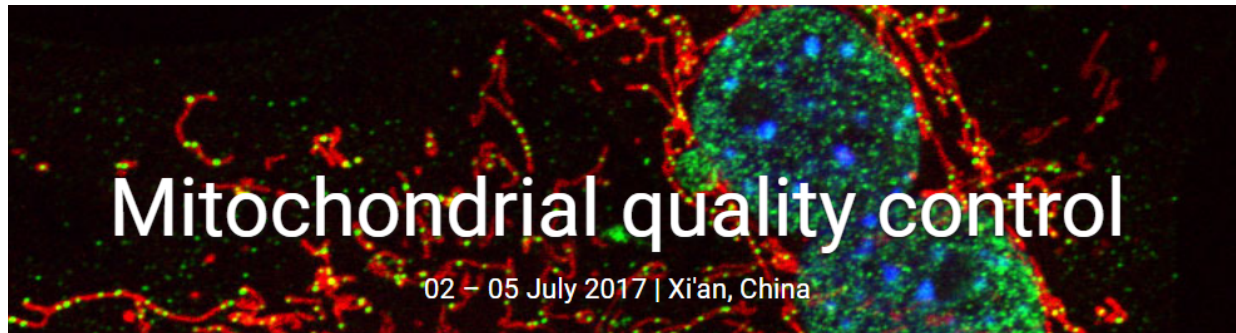
Location: Groningen. The Netherlands

Website: <http://events.embo.org/17-structural-biol/>

Description:

Molecular and structural biology are currently witnessing revolutionary developments, which are providing unprecedented insight in the mechanisms of processes catalyzed by biomacromolecules. The fundamental progress is tremendously exciting, and at the same time offers an ever more sophisticated platform to combat human diseases. This Conference will focus on three areas where progress has been spectacular, each intimately related to human disease: structural neurobiology, bacterial machines and infectious diseases, and regulation and cancer. The conference will provide examples of the use of structural knowledge to develop compounds of great therapeutic promise, and highlight how compounds designed for potential therapeutic use have tremendous value as handles to study fundamental mechanisms of action. By bringing together scientists from different backgrounds (from Academia and industry) who share a profound interest in structural and molecular biology we aim to create a setting in which the links between different disciplines will be emphasized. In addition, students and postdocs will see the similarities, differences and interactions between industry and academia, which may help in their future career choices.

A limited number of travel grants are available for eligible participants. Applicants do not need to apply separately for travel grants for this event. Selection of awardees is handled directly by the organizer who will notify all eligible participants. More information is available at EMBO Travel Grants' page.



Date(s): July 2-5, 2017

Location: Xi'an, China

Website: <http://meetings.embo.org/event/17-mito-quality>

Description:

The upcoming EMBO Workshop thus covers the following exciting topics:

- Mitophagy;
- Ubiquitin and mitochondrial quality control;
- Mitochondrial proteases and stress responses;
- Mitochondrial biogenesis;
- Mitochondrial dynamics, quality control and disease.

Mitochondria are essential organelles for many fundamental cellular processes, including energy production, fatty acid β -oxidation, metabolite synthesis, iron and calcium homeostasis, and programmed cell death. Mitochondrial activities decline with the progression of aging and a dysfunction of mitochondria is associated with many prevalent diseases, such as metabolic disorders, cancer and neurodegenerative disorders. It is therefore of pivotal importance for the maintenance of cell function, tissue homeostasis and organismal survival to monitor the functional status of mitochondria and ensure removal of damaged mitochondria.

Mitochondrial quality control and the surveillance of the functionality of mitochondria occur at the level of individual proteins, at a sub-organellar or organellar level and at a cellular level. These processes are intimately linked to the dynamic behavior of mitochondria, which undergo cycles of fusion and fission and communicate in multiple ways with their cellular environment. How these processes are orchestrated and how mitochondrial events are integrated with other cellular activities and cell fate determinations became a major focus of mitochondrial and biomedical research.

European Cognitive Aging Society, Aging and Cognition Conference



University of
Zurich^{uzh}

4th International Conference

Aging & Cognition 2017

Zurich, April 20 – 22, 2017



Date(s): 20-22 April 2017

Location(s): Zurich, Switzerland

Website: <http://eucas.org/conference/a-c-2017/>

Description:

The 4th International Conference Aging & Cognition and the 2nd Conference of the European Cognitive Ageing Society (EUCAS) is organized by the University Research Priority Program Dynamics of Healthy Aging and will take place in Zurich from 20th-22nd April 2017.

The conference series „Aging & Cognition“ aims to stimulate research in the domain of cognitive aging and related research fields in Europe by bringing together European and non-European scientists. Cognition is defined in the broadest sense, including sensory, cognitive, motor and emotional aspects, as well as human and animal studies. Whereas cognition and cognitive neuroscience for healthy aging are the main focus of the conference series, an additional focus targets interventions aimed at influencing age-related cognitive deficits.

The program for the Aging & Cognition 2017 conference consist of both plenary sessions involving 4-5 talks and poster sessions. There are no parallel sessions.

Eukaryotic DNA Replication & Genome Maintenance

Eukaryotic DNA Replication & Genome Maintenance

September 5 - 9, 2017

Abstract Deadline: June 16, 2017

Organizers:

Karlene Cimprich, Stanford University
Anne Donaldson, University of Aberdeen, UK
Anindya Dutta, University of Virginia

Date(s): September 5-9, 2017

Location: Cold Spring Harbor, New York

Website: <https://meetings.cshl.edu/meetings.aspx?meet=DNAREP&year=17>

Description:

It is a broad-based meeting, and abstracts are welcomed on all aspects of replication of DNA and genomic instability in eukaryotes. The format of the meeting will include morning and afternoon/evening sessions consisting of short talks, principally on unpublished work. In addition, there will be at least two poster sessions.

The organizers are eager to have as many young people as possible attend since they are likely to benefit most from this meeting. They have applied for funds from government and industry to partially support graduate students and postdocs. Preference will be given to those who submit abstracts.

Topics:

- Genome Instability and Mutagenesis
- Replication of Telomeres and Links to Human Disease
- Chromatin & Replication Timing
- Replication Initiation at Origins
- Coordinating the Cell Cycle & DNA Replication; Other Initiation Systems
- Replisomes and Fork Progression
- Fork Stalling and Replication Stress
- Response of Replication to Transcription and DNA Damage

FASEB Science Research Conference for Autoimmunity



Date(s): July 9-14, 2017

Location: Saxtons River, Vermont

Website: <http://www.faseb.org/src/micro/Site/Auto/home.aspx>

Description:

The FASEB Science Research Conference for Autoimmunity has an uninterrupted tradition of over 20 years and offers a broad overview of recent advances in the field of autoimmunity in a highly interactive environment.

Understanding immune tolerance and its breakdown is necessary to treat autoimmune diseases such as lupus, multiple sclerosis, uveitis, type 1 diabetes, arthritis, inflammatory bowel disease, and many others. We bring together basic scientists with clinicians and industry experts to present and discuss new insights into the triggers, pathogenesis and therapy of chronic inflammatory and autoimmune disease.

Eight major sessions will cover a broad range of topics in development, pathogenesis and therapy of autoimmune disease, starting with the effects of genetics and environment, through the role of innate and adaptive immune elements as well as the tissue itself, the role of commensal microbiome and metabolism, and finally translational research and clinical approaches. Each thematic session will feature 4 invited speakers and two talks selected from submitted abstracts.

Participants have ample opportunity for interaction and discussion. Spontaneous mingling of junior and established scientists will be strengthened by meet-the-speaker sessions that allow discussions of both career issues and science. The intimate atmosphere, strong emphasis on communication and discussion, and a really close interaction between senior and junior scientists makes this conference unique and memorable to participants.

Federation of European Biochemical Societies 42nd Congress: From Molecules to Cells and Back



Date(s): September 10-14. 2017

Location: Jerusalem. Israel

Website: <https://2017.febscongress.org/>

Description:

The FEBS Congress is one of the most visible activities of FEBS. As one of the largest bio-congresses in Europe, featuring up to approx. 2500 attendees, the Congress provides a platform for international scientific exchange and showcases the newest developments in biochemistry, molecular biology and related areas. The Congress comprises plenary lectures presented by outstanding scientists including Nobel Laureates, a range of subject-specific symposia to provide the latest updates in different areas of bioscience research, extensive poster communications, and a variety of interesting workshops and other activities on related topics. The Congress is held annually in countries that have a Constituent Society of FEBS, moving to a different location each year.

The 2017 FEBS Congress, entitled «From molecules to cells and back», will cover the entire spectrum of molecular life sciences with symposia that include:

- Cancer biology
- Chromatin structure and epigenetic modifications
- Molecular neuroscience
- Mechanisms for protein homeostasis
- Medicinal chemistry
- Metabolomics and signaling
- Molecular machines in action
- Protein degradation
- Signaling across membranes: receptors, channels and transporters
- Systems biology
- Structural computational biology

FMBO Workshop: Mitochondria, Apoptosis and Cancer



Date(s): September 16-18. 2017

Location: Bled. Slovenia

Website: <http://meetings.embo.org/event/17-mito-cancer>

Description:

Mitochondria are cells' energy centers and a central point where a number of signaling pathways leading to cell death converge, leading to activation of apoptotic machinery and impairment of cells' bioenergetic functions. Moreover, cellular homeostasis is regulated through mitophagy, the specific elimination of mitochondria through autophagy. Since both cellular metabolism and apoptotic pathways are compromised in many cancers, mitochondria-targeting drugs are considered as viable alternatives to eradicate chemotherapy-resistant cancer cells, since they directly initiate mitochondrial perturbations independently of upstream signaling events. This will provide novel insights into the control of mitochondrial functions and their deregulation in human cancers that has a major potential for development of innovative cancer therapeutics.

The overall aim of this EMBO Workshop is to bring together world leaders in several areas of biology and medicine, focusing on mitochondria and cancer from the point of view of cell death, the most efficient way to combat cancer.

A limited number of travel grants are available for eligible participants. Applicants do not need to apply separately for travel grants for this event but should indicate on the registration form if they wish to be considered for a travel grant. Selection of awardees is handled directly by the organizer who will notify all eligible participants.

Future Investigators of Regenerative Medicine`



FUTURE INVESTIGATORS OF REGENERATIVE MEDICINE

25th - 28th September 2017, Hotel Cap Roig, Girona, Spain

Date(s): September 25-28. 2017

Location: Girona. Spain

Website: <https://www.firmsymposium.com/>

Description:

The Future Investigators of Regenerative Medicine (FIRM) is a society established by Alex Lomas, Hareklea Markides, Jim Rose and David Smith of the EPSRC Doctoral Training Centre (DTC) in Regenerative Medicine based between Loughborough, Keele and Nottingham University. Recognising the ever growing regenerative medicine community, they have decided to bring young researchers from European institutions and further afield together. With this, they established FIRM PhD Symposium.

This is a symposium organised by young researchers for young researchers. One of the main aims of the symposium is to encourage young researchers such as ourselves get to know each other on a friendly and informal level in this way establishing an international network from very early on in our careers. The FIRM Symposium will showcase the latest advances in regenerative medicine research undertaken Worldwide and create a platform on which to build collaboration.

FIRM 2017 will cover all aspects of the diverse field of Regenerative Medicine. Topics include applied research in basic biology, cell and gene therapies, tissue engineering, biomaterials, enabling technologies and commercialisation. Having a mixture of UK-based and international delegates from across the world, FIRM aims to bring early career researchers together from a range of scientific disciplines to discuss their scientific projects in a relaxed and friendly atmosphere. Our keynote presentations include a number of world renowned experts working in both academia and industry.



Integrative Biology of Aging: New Insights from Molecules to Systems

July 9 - 14, 2017

Date(s): July 9-14, 2017

Location: Les Diablerets, Switzerland

Website: <https://www.grc.org/biology-of-aging-conference/2017/>

Description:

The program has been developed around the theme of «Integrative Biology of Aging: New Insights from Molecules to Systems». Recent studies from diverse model organisms, such as worms, flies, and mice, have demonstrated that systemic interplay between multiple tissues and organs regulates aging and longevity. Additionally, subcellular systems such as organelles and stress pathways can often communicate intra- and intercellularly. To dissect such complex systemic regulation of aging and longevity, significant progress has been made in identifying control networks and basic architectures, but how communication is achieved at different levels of organization and assembled into larger architectures is only beginning to be explored. The dysfunction of critical components in these control networks contributes to the induction of the cellular and molecular hallmarks of aging, including mitochondrial dysfunction, epigenetic alterations, chronic inflammation, circadian rhythm dysfunction, genomic instability, loss of proteostasis, and others, and underlies diminished healthspan and lifespan. In the 2017 GRC, our major objective is to capture this new wave of the «integrative biology of aging», and further stimulate our thoughts and efforts to translate our knowledge into the development of effective interventions to achieve «productive aging», making the later years of our lives as healthy and productive as possible. The major objective of the GRS is to explore these themes in a supportive setting that particularly focuses on the needs of graduate students and postdoctoral trainees, and prepare them for a full and productive participation in the GRC to follow.



Mechanisms of Cell Division with Special Emphasis on Cancer

July 9 - 14, 2017

Date(s): July 9-14, 2017

Location: West Dover, Vermont

Website: <https://www.grc.org/cell-growth-and-proliferation-conference/2017/>

Description:

Proliferation of cells represents one of the most fundamental biological processes. The core cell cycle machinery that drives cell proliferation has been conserved from yeast to humans. Proper spatial and temporal control of cell division is essential to allow normal organismal development, and to maintain physiological homeostasis. Abnormal and uncontrolled cell proliferation leads to several pathological states, most notably cancer. Despite decades of research, our understanding of mechanisms governing cell proliferation in normal tissues and in cancer remains very incomplete. The 2017 Gordon Research Conference on Cell Growth and Proliferation will provide a venue to present the most recent discoveries in the field. Leaders in the field will discuss their unpublished work involving cutting-edge approaches and topics, such as studies of normal stem cells and cancer «stem cell-like» cells, analyses of cell populations at a single cell resolution, elucidating the links between cell proliferation and cell metabolism, as well as the roles of non-coding RNAs and epigenetic modifications in regulating cell proliferation. The Conference will focus on abnormal cell proliferation in cancer. Speakers will discuss a range of topics from the use of mouse cancer models to cell cycle-focused targeted therapies for cancer patients. The talks will also cover other aspects of cancer cell proliferation, including aberrant chromosome separation and aneuploidy, proteolysis and cancer, as well as DNA damage and cancer. Because of the emphasis on novelty, the Chairs plan to select approximately half of the talks from submitted abstracts. Hence, the Chairs invite Principal Investigators and trainees from academia and industry to register and submit their most recent work. We also encourage students and post-docs to attend the associated Gordon Research Seminar (GRS) that will immediately precede the research conference. This seminar will offer a great opportunity for networking with other trainees and with Principal Investigators, and to give oral presentations.

Gordon Research Conference: Glial Biology



Glial Biology: Functional Interactions Among Glia and Neurons

Gordon Research Conference

Neuron-Glia Interactions in Health and Disease

March 5 - 10, 2017

Date(s): March 5-10, 2017

Location: Ventura, California

Website: <https://www.grc.org/glial-biology-functional-interactions-among-glia-and-neurons-conference/2017/>

Description:

The goal of this meeting is to provide an active forum for exchange of results in the rapidly advancing fields of glial biology and neuron-glia interactions. Far more active than once thought, glial cells are critical participants in every major aspect of brain development, function, and disease. The biology of astrocytes, microglia, and other glial cells in physiology and pathology will be emphasized. Leaders in the field will present cutting edge research and discuss critical gaps in our knowledge. The spirit of this conference will be constructive, collaborative and forward-looking, with an emphasis on emerging research, tools and technologies. In conjunction with the affiliated Gordon Research Seminar (GRS), trainees will have many opportunities to present their work, network, and share new ideas. The topics addressed in this meeting have direct relevance for human health, as they seek to clarify key mechanisms underlying nervous system injury and disease. The program is divided into nine sessions covering the role of glia in brain development, plasticity, and homeostasis; modulation of synaptic function and dysfunction; metabolic control and neurovascular coupling; contribution to disease and repair; and emerging technologies for defining glial function. Poster sessions will permit all participants to contribute to these topics.



Stem Cells and Cancer
Gordon Research Conference

Mechanisms of Stem Cell Aging, Cancer Initiation Progression

February 12 - 17, 2017

Date(s): February 12-17

Location(s): Lucca, Italy

Website: <https://www.grc.org/stem-cells-and-cancer-conference/2017/>

Description:

The sixth Gordon Conference on Stem Cells and Cancer will focus on how stem cell aging influences the initiation and progression of cancer. Aging leads to progressive impairments in stem cell functionality. There is increasing evidence that this leads to initiation and clonal selection of stem cells harboring genetic and epigenetic instability. The meeting will explore stem cell intrinsic factors that contribute to the initiation and selection of aberrant stem cell clones, but also the influence of stem cell extrinsic factors including alteration in the stem cell niche, the systemic blood circulatory environment, metabolism, and proliferative competition. There is tremendous interest in the aberrant reactivation of pathways that govern development and stem cell plasticity. Session on basic principles aim to improve our understanding of carcinogenesis across different organ systems including the hematopoietic system, skin, breast, intestine, brain, pancreas, and others. A therapeutic aim will be to target aging related mechanisms driving the clonal dominance of aberrant stem cells and tumor initiation as well as the plasticity and selection of sub-clones in cancers. There is also a GRS associated with the conference, allowing students and postdoctoral fellows to explore aging induced differences in signaling in cancer stem cells and normal stem cells and how organismal and tissue aging may influence this transition.



Oxidative Stress and Disease

Gordon Research Conference

Redox Biology in Disease and Translational Medicine

March 19 - 24, 2017

Date(s): March 19-24, 2017

Location: Lucca (Barga), Italy

Website: <https://www.grc.org/oxidative-stress-and-disease-conference%2F2017%2Fdefault.aspx>

Description:

The theme for 2017 Oxidative Stress and Disease GRC is «Redox Biology in Disease and Translational Medicine». Its focus is on questions and approaches at the forefront of the field of redox biology with particular emphasis on cutting edge basic research with high translational potential to eliminate disease, improve quality of life and promote healthy longevity. A special effort has been made to highlight important research areas not recently emphasized at other meetings. Topics of emphasis at the 2017 meeting will include: (1) recent insights into ROS/RNS signaling and its translational potential, (2) advances in our understanding of proteostasis and mitochondrial quality in longevity, (3) the role of ROS/RNS in human health, inflammation and disease progression, and (4) initial strategies currently being applied for translation of basic redox biology research discoveries into the clinical realm.

This GRC will be held in conjunction with the «Oxidative Stress and Disease (GRS)» Gordon Research Seminar (GRS). Those interested in attending both meetings must submit an application for the GRS in addition to an application for the GRC

Gordon Research Conference: Stress Proteins in Growth, Development & Disease



Stress Proteins in Growth, Development and Disease
Gordon Research Conference

From Protein Folding to Misfolding Disorders: The Importance of Maintaining Proteostasis over a Lifetime

July 9 - 14, 2017

Date(s): July 9-14, 2017

Location(s): Newry, Maine, USA

Website: <https://www.grc.org/stress-proteins-in-growth-development-and-disease-conference/2017/>

Description:

The Gordon Conference on «Stress Proteins in Growth, Development and Disease» will highlight the most recent advances in stress biology and biomedical research of stress-related diseases. Special emphasis is on a multitude of model systems that are being used to investigate stress sensing, signaling and regulation of gene expression, including epigenetic mechanisms. Cutting-edge work on spatial quality control and management of protein misfolding at the ribosome will be highlighted. Connections between compartmental protein folding status and disease will be explored. The Conference's collegial and scholarly environment encourages vigorous discussions of exciting developments related to several areas of stress research. The meeting also provides excellent opportunities for graduate students, postdoctoral fellows and junior group leaders to present their work either in posters or short talks. We will continue recent meetings innovations of poster teaser talks and career tables, and will be adding for the first time a Power Hour focused on women investigators in the field. The formal scientific program, limited attendance and organized but informal opportunities for interaction make this meeting a preeminent conference promoting deeper understanding of the versatile roles of stress proteins in human health, aging and disease.

IFA Global Think Tank on Ageing

IFA



INTERNATIONAL FEDERATION ON AGEING
Global Connections

Date(s): April 24-25

Location(s): Copenhagen, Denmark

Website: <http://www.ifa-copenhagen-summit.com>

Description:

The International Federation on Ageing (IFA) is the global point of connection of experts and expertise in the field of ageing and achieves this through the development of national, regional and international information platforms that help to influence and shape effective age-related policy.

The purpose of the connected events of the IFA Global Think Tank on Ageing (as well as the IFA Copenhagen Summit) is to gain a deeper understanding of potential cognitive reserve models and their benefits.

Finding initiatives that will maintain cognitive function and reduce cognitive decline in older adults is imperative. Peer-reviewed literature generally supports maintaining and increasing cognitive reserve as effective buffers against cognitive ageing. Nonetheless, an increasing list of questions remain unanswered, such as:

- What gaps in knowledge and practice must be addressed to render maintaining and increasing cognitive reserve a viable policy strategy?
- Why should stakeholders, including governments, funding bodies, and caregivers, maintain and increase cognitive reserve?
- How would a successful cognitive reserve model look, and what support would it require?
- What challenges must be overcome to implement a cognitive reserve model?
- What are the global, societal, and individual implications of a cognitive reserve model?

The Think Tank on Ageing is an invitation-only meeting.

Immuno-Metabolic Mechanisms of Atherosclerosis Conference

Novel critical mediators and therapeutic targets

11 Mar 2017 - 14 Mar 2017

Cancun, Mexico

Date(s): March 11-14. 2017

Location: Cancun. Mexico

Website: <https://www.fusion-conferences.com/conference54.php>

Description:

The goal of this meeting is to provide attendees with a comprehensive overview of current research on atherosclerosis with a focus on the latest and most exciting developments in the immuno-metabolic mechanisms that govern disease initiation and progression. There is little doubt that the next most exciting therapy to combat cardiovascular disease will be based on targeting a biological pathway that will have been discussed during this conference.

Seven sessions are planned and will highlight the following major research areas: vascular cell activation, monocyte/macrophage identity and activation by lipoproteins, microRNAs and immuno-metabolism, innate immune mechanisms involving inflammasome activation, NETosis, necroptosis and their interplay with the cell metabolic environment, pro- and anti-atherogenic mechanisms operated by selective subsets of T and B lymphocytes, adipose tissue inflammation, microbiome and immunometabolism. We will also review the pathways that govern inflammation resolution, their regulation by bioactive lipids, and how they can be harnessed to develop new therapeutic strategies to combat the disease. Finally, we will discuss existing and validated targets that are now in late-phase clinical trials. This conference will bring together a restricted but high-level group of scientists from different disciplines and participants from all career levels enabling thorough discussions of the latest research between established and young investigators and trainees, and cross-fertilization among scientists from a variety of backgrounds.

18th International Conference on Alzheimer's Drug Discovery

18th International

CONFERENCE ON ALZHEIMER'S DRUG DISCOVERY



September 11-12, 2017

Hyatt Regency
Jersey City, NJ

Date(s): September 11-12, 2017

Location: Jersey City, New Jersey

Website: <https://www.alzdiscovery.org/events/event/18th-international-conference-on-alzheimers-drug-discovery>

Description:

This annual conference brings together academic and industry scientists intent on accelerating the development of innovative treatments for Alzheimer's disease and related dementias. The ADDF's funded investigators and leading scientists in the field present their current research progress and stimulate discussion. The conference offers ample opportunity for collaboration and partnering.

The 2017 program is organized into four sessions.

- **Session 1: Neuroinflammation**
Talks will highlight unique neuroinflammation targets and repurposing opportunities relevant to inflammation.
- **Session 2: Neuroprotection And Neural Regeneration**
Talks will highlight therapeutic approaches targeting neurotrophic factors or hormones that promote neuronal survival, strategies to convert neural stem cells into mature neurons, and approaches to prevent neuronal death.
- **Session 3: Epigenetics And Cognitive Enhancing**
Talks will highlight advances in epigenetic therapeutics, comparative effectiveness research, and drug repurposing in treating or preventing cognitive symptoms associated with Alzheimer's, mild cognitive impairment, and aging.
- **Session 4: Misfolded Proteins And Proteostasis**
Talks will highlight drug discovery programs pursuing innovative routes towards solving the problem of misfolded proteins and protein accumulation, along with biomarker programs under development.

Keystone Symposia: Aging and Mechanisms of Aging-Related Disease (E2)



Date(s): May 15-19

Location(s): Yokohama, Japan

Website: <https://www.keystonesymposia.org/17E2>

Description:

Populations are aging rapidly worldwide, particularly in Asia, driving a strong interest in aging/longevity research. This Keystone Symposia meeting will capture the cutting-edge front of this exciting field of science, covering essential aspects of aging/longevity research, including critical signaling pathways and regulators, inter-tissue communication, stem cells, stress and damage responses, cellular senescence, physiological rhythms, human genetics and mental well-being (happiness). Because aging is a systemic phenomenon, it is important to address various layers of the aging/longevity-controlling hierarchy, particularly focusing on metabolic regulation, including mitochondria, NAD⁺, oxidative stress, inflammation, protein homeostasis, autophagy and many other age-associated pathophysiologies. The outcome of these studies needs to be translated to resolve social and economic issues caused by rapidly aging societies. Novel therapeutic and preventive interventions have been explored and developed as a growing attempt to meet the unmet needs of our aging societies, and these new aspects of aging/longevity research and the gaps in knowledge between the basic science and practical applications will also be covered in the meeting. There is a growing body of evidence that our modern lifestyle, such as the heavy use of blue light in smart phones and tablet computers, affects physiological rhythms and metabolism, promoting age-associated diseases such as obesity, diabetes, cancer and depression. Therefore, it is now time to think differently about what we can do to deal with all these problems in light of recent progress in this exciting field of science.

Keystone symposia: Cancer Immunotherapy



Date(s): March 19-23, 2017

Location: Whistler, Canada

Website: <http://www.keystonesymposia.org/18C5>

Description:

By 2025, most patients with cancer will receive immunotherapy as part of their treatment regimen. This symposium will cover the most critical topics integral to this vision: How can we integrate, sequence or combine immunotherapy with standard-of-care cytotoxic therapy, radiotherapy and targeted therapies? Which preclinical models are best predictive of combination approaches? How do we combine immune agonists as well as molecules inhibiting immune-suppressive pathways with checkpoint inhibitors? What are the rational combinations for cancer vaccines and viro-therapy? Which combinatorial approaches could prevent or treat adaptive mechanisms of resistance? Most immunotherapies are being developed in isolation, or being tested as single agents in preclinical models or in clinical studies. This conference helps to address the gaps in knowledge of how and when to combine therapies, and how to integrate immunotherapy into current standard-of-care or novel targeted therapy approaches – both preclinical and clinical. Overall, the objectives of this meeting are to: 1) Elucidate rational combinations for immunotherapy; 2) Discuss preclinical and other models to inform combinatorial approaches; 3) Understand the relevance for biomarker approaches; and 4) Provide insights into the latest preclinical and clinical data for immunotherapy combinations.

Keystone Symposium: Engineered Cells and Tissues as Platforms for Discovery and Therapy



Date(s): March 9-12, 2017

Location: Boston, Massachusetts

Website: <http://www.keystonesymposia.org/index.cfm?e=Web.Meeting.Summary&meetingid=1484&subTab=summary>

Description:

Tissue engineering, cell therapies and regenerative medicine have witnessed accelerated progress over the past decade. Fueled by fundamental discoveries in iPS, progenitor, and developmental cell biology, cells are now used as building blocks to create model systems, as testing platforms for drug interventions and as active therapeutics. High-throughput production of various types of “microtissues” or “organoids” is making increasing contributions to our understanding of human development, disease and repair. This Keystone Symposia meeting will highlight these rapidly emerging cell-based tools for fundamental and applied discovery. Culture systems ranging from simple cell cluster organoids, to highly advanced cell-electronic composites, will be discussed. In addition, the encouraging progress that is being made in cell-based therapies across a range of organs and diseases will be featured. The goal of this meeting is to provide a state-of-the-art review of both pluripotent and differentiated cells as tools for discovery and therapy. A broad range of cell types and therapeutic areas will be included.

Keystone Symposium: Tumor Metabolism: Mechanisms and Targets



Date(s): March 5-9. 2017

Location: Whistler. Canada

Website: <http://www.keystonesymposia.org/17X3>

Description:

This conference is on the rapidly moving field of tumor metabolism and its implications in cancer development, progression and therapy. Experts from distinct fields of research will be brought together to present their latest discoveries on tumor metabolism, which is an inherently interdisciplinary field. Defining the diversity of metabolic strategies employed by cancer cells and how the genetic events underlying different types of cancer, as well as the tumor microenvironment, influence these metabolic properties is a major goal of this meeting. In addition, a combination of basic, translational and clinical studies will be presented, with the goal of identifying promising avenues in tumor metabolism that impact our understanding, diagnosis and treatment of cancer. In addition to a stellar line up of invited speakers, short talks and poster presentations will provide opportunities for researchers at all levels to discuss their most current work in this field. This meeting provides an excellent opportunity to share knowledge and methodology in tumor metabolism research in a collegial and social atmosphere.

Making it Personal: Cancer Precision Medicine

Making it Personal: Cancer Precision Medicine

Amsterdam, Netherlands 13 - 16 March 2017



Date(s): March 13-16. 2017

Location: Amsterdam. The Netherlands

Website: <https://www.eacr.org/conference/precisionmedicine2017/scientific-programme>

Description:

This conference is the second on this topic co-organised by the EACR and OEI. The conference will update you on advances in personalised cancer medicine, focusing on targeted and immunological therapeutic approaches. It will cover the challenges of tumour heterogeneity, drug resistance and the influence of the tumour microenvironment.

The programme will emphasise new in vitro and in vivo experimental models capturing the complexity of human tumours. New therapeutic targets will be discussed, including those from the metabolome and microenvironment. We will also give attention to how advances coming from the laboratory are being implemented in the clinic.

The programme includes plenary lectures and dedicated poster sessions, providing an excellent forum to share new data and to network with colleagues. Indeed, this conference will be limited to 120 participants, and speakers are invited to stay for the duration of the conference. There will be ample opportunity for networking and interaction, including a meet-the-speaker round table session.

MENA Geriatrics Summit



Date(s): November 2-3, 2017

Location: Dubai. United Arab Emirates

Website: <http://geriatricssummit.org/>

Description:

On behalf of the scientific and organizing committees, it is my great pleasure as the Chairperson, to welcome you all to attend and participate in MENA Geriatric Summit 2017, which is hosted by the Dubai Health Authority. The event will take place on 2nd - 3rd November 2017 in Dubai.

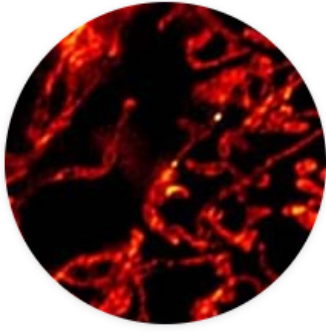
As the region's healthcare delivery improves, mortality numbers are dropping and there is an increasing ageing population that we as healthcare professionals must take care of. This event will be an intensive and comprehensive review of the most important changes in Elderly Healthcare and Geriatric medicine.

The objective is to bring together Geriatricians, Family Physicians, Internists, General Practitioners, Cardiologists, Neurologists, Ophthalmologists, ENT physicians, Oncologists, Medical residents, Nurses, Physiotherapists, Paramedics, Health care providers, academicians and other specialists to exchange ideas and knowledge between the different disciplines.

The scientific program will showcase new developments and share international views on different topics in elderly care which will cover the Healthy Aging, Nutrition for the aging, Geronto-psychiatry, Sensory, Neuro disorders of aging, NCDs, Anti-aging medicine and Chronic disease,

This program is credited by the Dubai Health Authority's continuous Medical Education Department and will award participants CME credits

Mitochondria in Health and Disease



Mitochondria in Health and Disease

Thursday, November 2, 2017

The New York Academy of Sciences, 7 World Trade Center, 250 Greenwich St Fl 40, New York, USA

Date(s): November 2, 2017

Location: New York, USA

Website: <https://www.nyas.org/events/2017/mitochondria-in-health-and-disease/>

Description:

The Mitochondria in Health and Disease, organized by the The New York Academy of Sciences will take place on 2nd November 2017 at the The New York Academy of Sciences in New York, United States Of America.

Mitochondria in Health and Disease will capitalize on growing excitement surrounding the field of mitochondrial function in physiology and medicine. Speakers will explore mitochondrial dynamics, their role in signaling, physiology, mitophagy, and regulated metabolic and bioenergetic functions, across diverse disciplines including neurology, aging, oncology, autophagy, membrane morphogenesis, structural biology, and bioenergetics. As the most important discoveries in mitochondrial dynamics lie ahead, interactions at this meeting will play a key role in advancing the field.

Mitochondria, Metabolism and Heart



Date(s): May 8-12. 2017

Location: Santa Fe, New Mexico

Website: <https://www.keystonesymposia.org/17Z4>

Description:

The overall learning objectives of this meeting are to: 1) Understand how the novel functions of mitochondria contribute to the development or the prevention of myocardial injury and heart failure, and 2) Discuss how the quality of mitochondria is maintained in adult cardiomyocytes, whose mitochondrial dynamics are quite distinct from other commonly investigated cell types. Special emphasis will be placed on discussing the function and the mechanism of mitophagy; a novel mechanism of cell death mediated through autophagy; interaction between mitochondria dynamics and mitophagy; mitochondrial unfolded protein response (UPR) controlling aging, stress resistance and longevity; the role of metabolic intermediates as signaling mechanisms; and novel biomarkers identified through metabolomics analyses. With a joint session on angiogenesis shared with the meeting on "Angiogenesis and Vascular Disease," attendees will get a quick overview regarding how mitochondria and metabolism regulate angiogenesis, a critical determinant for physiological versus pathological hypertrophy and ischemic injury. Overall, the audience will obtain better understanding regarding how the function of mitochondria is regulated in the heart, how it affects the overall function of the cardiovascular system, and how one intervenes with mitochondria and metabolism to achieve better treatment for heart failure and other cardiovascular diseases.

Modulating Ageing/Antiaging: from Molecular Biology to Clinical Perspectives

Modulating Ageing / Antiaging: from Molecular Biology to Clinical Perspectives

The workshop will be held from September 01st - 03rd 2017 at the Martin Luther University

Halle-Wittenberg, Germany

Date(s): September 1-3, 2017

Location: Halle-Wittenberg, Germany

Website: <http://www.medizin.uni-halle.de/index.php?id=3709>

Description:

Within the world wide health systems, the major goal will change from just treating isolated single diseases to an increase in healthspan. Ageing is the most important common risk factor and the basis for most of the age-related chronic diseases. In model systems, we have learned a great deal about the mechanisms of ageing and are able to modify health as well as lifespan by genetic, pharmacological or lifestyle interventions. It will be the goal in the future to translate such results into humans.

The purpose of this meeting is (1) to discuss aging as a modifiable risk factor of diseases, (2) to promote greater communication among the world-wide community of individuals engaged in ageing research and (3) to invite young students to join this field of research.

The congress will be the 8th international meeting on ageing in Halle (Saale) and will accompany the development of a focus on ageing research in Central-Germany. It will comprise invited talks and poster sessions. There will be no concurrent sessions.

NAD⁺ Metabolism and Signalling 2017



NAD⁺ Metabolism and Signaling 2017
July 9, 2017 – July 14, 2017
New Orleans, Louisiana

Date(s): July 9-14, 2017

Location: New Orleans, Louisiana

Website: <http://faseb.org/src/micro/Site/NAD/home.aspx>

Description:

NAD and its metabolites are important regulators of cancer, metabolic disease, autoimmunity, and aging. They play important roles in energy metabolism, function as signaling molecules, and as protein modifications such as ADP-ribosylation. This diversity of function demonstrates the biological importance of NAD and the interconnectivity between cellular metabolism, physiology, and cellular signaling. Recently, significant progress has been made in our understanding of NAD that highlight its broad relevance to human health and disease. This SRC brings together all of the leading experts in NAD biology to one venue with the goal of advancing our understanding of the molecule. Experts come from several NAD relevant fields that include Poly-(ADP-ribose) polymerases (PARPs), Sirtuins, NAD dependent signaling networks, calcium signaling, NAD biosynthesis and the chemical biology of NAD.

Over 30 scientific leaders from institutions worldwide will present their latest data. In addition, a large number of oral presentations will be selected from submitted abstracts. Selected talks, poster presentations, and recreational activities will provide students and postdoctoral fellows opportunities to exchange ideas and interact with senior colleagues. For the first time, this meeting will be held in the exciting city of New Orleans, an ideal setting to discuss science.

Natureconferences: 5th Helmholtz-Nature Medicine Diabetes Conference

5th Helmholtz-Nature Medicine Diabetes Conference

Helmholtz Zentrum München - German Research Center for Environmental Health GmbH | *Nature Medicine*

Date(s): September 17-19, 2017

Location: Munich, Germany

Website: <http://www.nature.com/natureconferences/hmgu2017/index.html>

Description:

Our fifth, high impact conference brings together international top leaders in the field of diabetes to facilitate the identification of, and potential solutions to, the preeminent scientific challenges facing the prevention and treatment of type 2 diabetes. Moreover the conference will feature two award presentations: the Helmholtz Diabetes Lecture, in recognition of the lifetime achievements of a senior leader in the field, and the Novo Nordisk Helmholtz Young Investigator in Diabetes Award (HeIDI), in recognition of a rising star. Every year, this conference series integrates research reports on essential scientific questions in urgent need of a breakthrough. In 2017, we will focus on continuing and emerging hot topic areas including the molecular basis of exercise benefits, beta-cell regeneration, adipocyte biology and novel links connecting cellular energy metabolism with ageing.

Scientific Sessions:

Session 1: Systems Control of Energy Storage

Session 2: Incretin Biology

Session 3: Diabetes and the Brain

Session 4: Metabolic Liver Disease

Session 5: Systemic Control of Metabolism

Session 6: Role of Adipocyte Function

Session 7: Cellular Energy Metabolism

Session 8: Islet Biology & Beta Cell regeneration

Session 9: Energy Homeostasis and Ageing

Session 10: Exercise Metabolism

Nature Conference on Inflammatory Diseases

September 17-20, 2017 / Grand Hyatt Beijing, China



Date(s): September 17-20. 2017

Location: Beijing. China

Website: <http://www.nature.com/natureconferences/ncid2017/index.html>

Description:

Uncontrolled inflammation is the underlying pathological mechanism of a variety of infectious and non-infectious diseases that together are responsible for a growing burden on human health. Insights into the biology, molecular basis and regulation of inflammation and its role in disease are crucial for exploring novel approaches to modulating the pathological mechanisms in human inflammatory diseases. This Nature Conference will bring together leading international scientists to explore emerging themes in inflammatory mechanisms, innate immune signaling and immune dysregulation, as well as the role of inflammation in the pathogenesis of inflammation-associated diseases, including autoinflammatory diseases, cancer, metabolic syndrome and autoimmune diseases. The conference will also include a session on new technologies in inflammation research, as well as industry and young researcher networking opportunities.

Scientific Sessions:

- 1) Innate immune cells
- 2) Microbiota and immune regulation
- 3) Cell death and inflammation I
- 4) Cell death and inflammation II
- 5) Metabolism and inflammation I
- 6) Metabolism and inflammation II
- 7) Technologies in inflammation research
- 8) Innate sensing and signaling
- 9) Inflammatory diseases
- 10) Inflammation and cancer

Neoantigen Summit

NEOANTIGEN Summit2017

Supercharging Immunotherapies
& Cancer Vaccines

November 14-16
Boston, US



Early Booking
* Discounts Available *

Date(s): November 14-16, 2017

Location: Boston, Massachusetts

Website: <http://neo-antigen.com/>

Description:

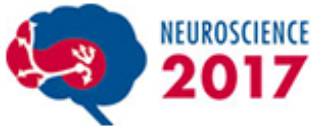
The Neoantigen Summit is the dedicated end-to-end industry focused meeting ensuring the supercharging of immunotherapies and cancer vaccines to bring truly individualized therapies to patients in need.

Hear the latest clinical updates from pioneers in this field and define your commercialization roadmap to achieve future regulatory success, scale manufacturing and ensure enhanced clinical efficacy.

In such a rapidly evolving field, this is the premier platform to benchmark against the industry and network with the crème de la crème of neoantigen therapy developers.

The Neoantigen Summit brings together the pioneers supercharging immunotherapy and vaccine development to share key clinical data and insights from sample acquisition, all the way through to vaccine manufacturing and getting a product to market.

Neuroscience 2017



November 11-15 | Washington, DC

Date(s): November 11-15. 2017

Location: Washington, DC

Website: <https://www.sfn.org/annual-meeting/neuroscience-2017>

Description:

SfN's 47th annual meeting, Neuroscience 2017, is the world's largest neuroscience conference for scientists and physicians devoted to understanding the brain and nervous system. Attendees can take advantage of countless opportunities to share and learn about emerging and unpublished findings, explore career paths and professional development opportunities, and discuss hot topics in scientific publishing, academia, advocacy, public education, and more.

Neuroscience 2017 was held November 11-15 at the Walter E. Washington Convention Center in Washington, DC. More than 30,300 attendees convened in the U.S. capital city for the world's largest marketplace of ideas and tools for global neuroscience. Abstracts from the annual meeting are available online.

Neuroscience 2017 events included:

- Major featured and special lectures by world-renowned scientists from around the globe
- More than 15,000 abstracts sharing new and exciting discoveries
- Symposia and minisymposia promoting comprehensive coverage of significant neuroscience research topics
- More than 600 exhibitors showcasing new tools, technologies, and publishing opportunities
- Dozens of professional development, advocacy, and networking events
- More than 100 satellite events being held in conjunction with the annual meeting

Next Gen Immuno-Oncology Congress



Date(s): March 14-15. 2017

Location: London. United Kingdom

Website: <http://www.mnmconferences.com/Next-Gen-Immuno-Oncology-Congress#MediaPartners>

Description:

In recent years, the field of immuno-oncology has become one of the most promising and fastest growing areas of cancer research with many drugs introduced in the market and many more in the pipeline of different pharmaceutical companies. Immuno-oncology has become a sub-specialty within oncology owing to its unique science and its potential for substantial and long-term clinical benefit. This success is based on progress in both preclinical and clinical development of first and second generation of therapeutics using different molecules and immune system that include Antibody drug conjugates, bispecific antibodies, immune checkpoint blockades, adoptive cellular therapy.

Despite the growth much more research is needed to understand the breadth of opportunities these new generations of immunotherapies represent.

Next Gen Immuno-Oncology Congress to be held on 13th and 14th March 2017 in London, UK aims to bring academicians, researchers and scientists from research institutes pharmaceutical, bio-pharmaceutical and biotechnology companies to discuss the growth of existing therapeutics and pave way for emerging next generation therapeutics. Keynote presentations, Brainstorming Panel Discussions and Case studies will give the stakeholders an opportunity to discuss and understand the issues faced.

Oxford Global 3rd Annual Cell/ Gene Therapy Congress



Date(s): November 6-7. 2017

Location: London, United Kingdom

Website: <https://www.celltherapy-congress.com/>

Description:

Cell & Gene Therapy: Development & Clinical Trials - Cell Therapy Bioprocessing and Manufacturing Presentations will include cell & gene therapy development, updates in regulatory pathways, commercialisation, bioprocessing and manufacturing.

These conferences bring together over 250 delegates representing leading biotech companies, global pharma organisations and internationally renowned academic institutions.

Over 20 presentations and case studies focused on the key issues in cell & gene therapy development, updates in regulatory pathways, commercialisation, bioprocessing and manufacturing are shown here.

The conference contains 2 interactive streams:

- Cell & Gene Therapy: Development & Clinical Trials
- Cell Therapy Bioprocessing and Manufacturing

Oxygen Club of California World Congress



Date(s): June 21-23, 2017

Location(s): Berlin, Germany

Website: <http://www.occ-2017.com/>

Description:

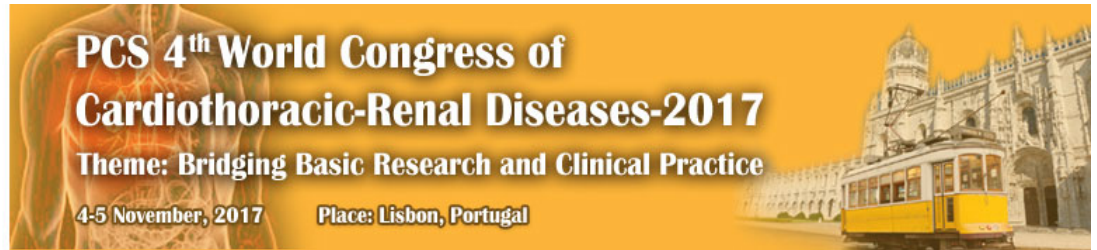
The Oxygen Club of California (OCC) is a non-profit scientific organization dedicated to enhancing education and promoting research in the field of oxidants, antioxidants, nutrition, micronutrients and free radicals in biology and medicine with the goal of promoting human health.

Both events, the annual meeting of the SFRR-E and the OCC World Congress, have a long lasting history. Some OCC events have been hosted already in Europe. For the first time, both events will be merged ensuring a high quality and first rate scientific program with the participation of renowned scientists from around the world. Both events, the annual meeting of the SFRR-E and the OCC World Congress, have a long lasting history. Some OCC events have been hosted already in Europe. For the first time, both events will be merged ensuring a high quality and first rate scientific program with the participation of renowned scientists from around the world.

Topics:

- Nutrition, nutrient sensing, and redox regulation
- Redox control of proteostasis and cell functions
- Metabolic stress, adaptation and aging

PCS 4th World Congress of Cardiothoracic-Renal Diseases



Date(s): November 4-5. 2017

Location: Lisbon, Portugal

Website: <http://www.pcscongress.com/wccrd2017/>

Description:

2017 PCS 4th World Congress of Cardiothoracic-Renal Diseases (WCCRD-2017) will be held in Lisbon, Portugal on 4-5 November, 2017 with the theme of «Bridging Basic Research and Clinical Practice». PCS WCCRD-2017 will emphasize its topics from Research Innovation to Clinical Management. The conference provide a highly interactive platform for all experts from more than 30 countries worldwide.

A number of new topics were introduced as the highlights of WCCRD-2017 to emphasize its topics from Research Innovation to Clinical Management. All participants shared their new ideas and had a wonderful experience during the conference.

Highlights of WCCRD-2017:

- Research Breakthrough of Cardiothoracic-Renal Diseases
- PCS 3rd World Cardiology Summit
- PCS 2nd World Thoracic Summit
- Global Research Integration Forum

Synthetic Immunity Symposium 2017



Date(s): July 10-14, 2017

Location: Santa Fe, New Mexico

Website: <https://newmexicoconsortium.org/events/symposium-on-synthetic-immunity>

Description:

The Symposium on Synthetic Immunity 2017 will be held from July 10 - 14, 2017 at the La Fonda Hotel in Santa Fe, New Mexico. This symposium is hosted by the New Mexico Consortium and sponsored in part by Los Alamos National Laboratory.

The participants in this symposium will discuss and debate how a combination of biology, clinical medicine, nanotechnology, and modeling enables us to obtain quantitative knowledge of specific processes in adaptive and innate immune responses in a healthy state as well as to determine the key steps that fail in a given disease state.

The symposium sessions will cover the following specific topics:

- Immune System Modeling
- Immune System Evasion by Pathogens
- Novel Vaccines and Therapeutics Against Highly Variable and Resistant Pathogens
- Immunology and Immunotherapy of Cancer and Neurological Disorders

Stem Cells in Drug Discovery



Date(s): March 6-7. 2017

Location: Cambridge. United Kingdom

Website: <http://selectbiosciences.com/conferences/index.aspx?conf=SCDD2017>

Description:

This meeting was at the Wellcome Genome Campus Conference Centre in Cambridge, UK on 6 - 7 March 2017, attendees will benefit from unrestricted access to all four tracks.

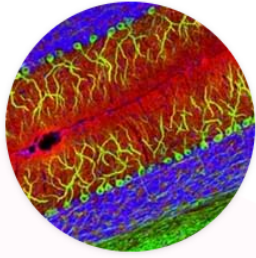
Progress in developmental and stem cell biology is revolutionising drug discovery research; the ability to grow and differentiate stem cell lines is providing a far more relevant model for pre-clinical testing. So much so that the FDA is looking into replacing previous models as a matter of urgency. However, challenges in assay development, scale up and quality control still persist and need to be addressed in order for success in this field to continue.

Stem Cells in Drug Discovery 2017 will see an even larger event with more talks, attendees and discussions than ever before. Hear from and network with researchers who are currently screening for efficacy and toxicity using iPS cell lines, and those responsible for developing the techniques and technologies enabling them to do so. There will also be discussions on industry and regulatory developments that are shaping the future of drug discovery.

Agenda Topics

- 3D Cell Based Models
- Cellular Reproducibility and Robustness
- Disease Modelling
- Scale Up and Quality Control
- Screening and Drug Discovery Assays

Targeting Tau in Alzheimer's Disease and Related Disorders



Targeting Tau in Alzheimer's Disease and Related Disorders

Monday, March 13, 2017

The New York Academy of Sciences

Date(s): March 13, 2017

Location: New York, New York

Website: <http://www.globaleventslist.elsevier.com/events/2017/03/targeting-tau-in-alzheimers-disease-and-related-disorders/>

Description:

The microtubule associated protein tau (MAPT) is a key mediator of neurodegeneration in Alzheimer's disease and related disorders. This symposium will address the potential of tau-related targets for immunotherapy, across the spectrum of tauopathies. On this conference, participants reviewed the pre-clinical and clinical development of several tau immunotherapy programs that exemplify this emerging therapeutic strategy for Alzheimer's disease and other devastating neurodegenerative disorders.

Telomeres & Telomerase

Telomeres & Telomerase

May 2 - 6, 2017

Abstract Deadline: February 27, 2017

Organizers:

Steven Artandi, Stanford University

Julia Cooper, National Cancer Institute

Roger Reddel, Children's Medical Research Institute, Australia

Date(s): May 2-6. 2017

Location: Cold Spring Harbor. New York

Website: <https://meetings.cshl.edu/meetings.aspx?meet=TELO&year=17>

Description:

Cold Spring Harbor Laboratory is a big venue which is quite spacious and along with various additional facilities that makes it one of the perfect places to host official events or conferences with some positive results. This place is famous and noted for bringing together more than 12,500 scientists each year from around the world to discuss about the latest technologies and share advances in biological and biomedical research. This venue is quite easy to reach. People who are interested to visit this place can take their nearest flight and reach either of the two big airports which are LaGuardia Airport or the Newark Liberty International Airport. Cold Spring Harbor Laboratory is ideal for holding important scientific meetings and is always packed with bookings.

Topics:

- Regulation of Telomerase Expression & Activity
- Telomerase Biogenesis & Structure
- Telomere Replication
- Mechanisms of ALT
- Mechanisms of Telomere Protection
- Telomere Protein Functions at Telomeres and Genomewide
- Telomere Shortening & Mechanisms of Senescence
- Telomeres & Human Health & Disease

The 13th International Conference on Alzheimer's & Parkinson's Diseases - AD/PD 2017

The 13th International Conference on Alzheimer's & Parkinson's Diseases

Mechanisms, Clinical Strategies, and Promising Treatments of Neurodegenerative Diseases

March 29 - April 2, 2017 | Vienna, Austria

Earn up to
32 CME
credits



Date(s): March 29 - April 2, 2017

Location(s): Vienna, Austria

Website: <http://adpd2017.kenes.com>

Description:

The continuing success of the AD/PDTM meetings is the result of several key ingredients:

A high-quality scientific program covering most recent research, developments, and treatments, with emphasis on overlaps and congruent results among AD, PD and related neurological disorders.

A multidisciplinary mix of participants representing both clinical investigators and basic scientists; as well as both established investigators and young upcoming talents.

An International Scientific Advisory Board covering a broad range of expertise in AD, PD and related neurological disorders.

A concerted attempt to provide an ambiance at the Conference that encourages interaction, exchange of ideas and networking opportunities among all participants.

The 2018 Undoing Aging Conference

Undoing Aging 2018

Accelerating rejuvenation therapies to repair the damage of aging



March 15 - 17
Berlin

Date(s): March 15 - 17, 2018

Location: Berlin, Germany

Website: <https://www.undoing-aging.org/>

Description:

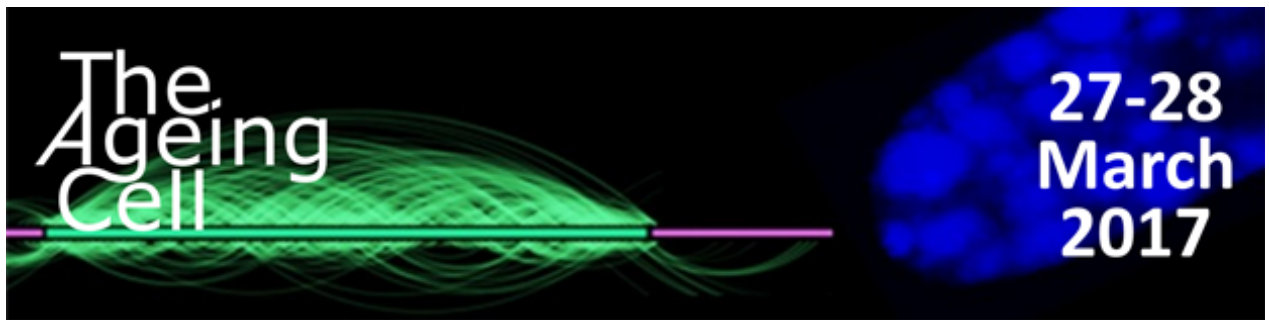
The 2018 Undoing Aging Conference is focused on the cellular and molecular repair of age-related damage as the basis of therapies to bring aging under full medical control.

The conference provides a platform for the existing science community that already works on damage repair and at the same time offers interested scientists and students a first-hand understanding of the current state of this exciting new field of biomedical research.

Speakers will include leading researchers from around the world focused on topics including stem cells, senescent cells, immunotherapies, biomarkers and drug discovery.

Undoing Aging is not only open to the scientific community but also welcomes all interested members of the broader Life Extension community.

The Ageing Cell



Date(s): March 27-28. 2017

Location(s): Cambridge, UK

Website: <https://www.babraham.ac.uk/the-ageing-cell>

Description:

One of the major achievements of the modern era is the extension of the human lifespan through improvements in medical care, nutrition, sanitation and access to clean water. Over the last century, life expectancy at birth in the UK has risen by almost 30 yrs so that both men and women can now expect to live well into their 80s. This is shifting population demographics; almost 1 in 5 of the UK's total population is aged 65 or over and this is expected to rise to 1 in 4 by 2050.

The Ageing Cell conference will bring together an international community of researchers from academia, industry and the clinic in the fields of immunology, genetics, epigenetics and signalling to discuss ageing at the cellular level.

The conference sessions will include:

- The ageing stem cell – how stem cell development, proliferation and function changes with age
- The ageing immune system – how composition and function change with age
- Signalling and the ageing cell – signalling pathways that control metabolism and cellular fitness
- Epigenetics of the ageing cell – exploring changes to the epigenome during ageing

The Asian Conference on Aging and Gerontology

AGen2017

The Asian Conference on Aging & Gerontology

JUNE 8–11, 2017 | KOBE, JAPAN

Date(s): 8-11 June 2017

Location(s): Kobe, Japan

Website: <https://agen.iafor.org/agen2017/>

Description:

The theme of the conference explores the tensions that have emerged due to globalisation and the growing influence of Western cultural values on Eastern traditions such as intergeneration coresidence, filial piety and the family-based support networks that provide for the care of the elderly in later life. Jolly and Macintyre's depiction of the persistent belief in an "unchanging cultural core" of bedrock values such as family support for the elderly has resulted in the resistance of many governments in Asia and the Pacific Rim to plan effectively for the care and needs of a growing aging population. By treating culture as a dynamic process that adapts to new ideas, opportunities and economic realities we can anticipate change and implement proactive policies that support the elderly, their families and the societies that are ultimately responsible for the quality of life among their populations. This conference serves as an opportunity to present new research on the changing face of aging in the Asia-Pacific Region, to network with fellow professionals and to develop policy interventions that improve the lives of our elders.

The Biology of Aging: Advances in Therapeutic Approaches to Extend Healthspan

The Biology of Aging: Advances in Therapeutic Approaches to Extend Healthspan

22–25 January 2017

Jupiter, United States



Date(s): January 22-25

Location(s): Jupiter, FL, USA

Website: <http://aging.scripps.edu/>

Description:

The 2nd Scripps Florida Symposium on The Biology of Aging entitled 'Advances in Therapeutic Approaches to Extend Healthspan' was held on January 22nd–25th, 2017 at The Scripps Research Institute in Jupiter, Florida. The goal of the symposium was to bring together leaders in the fields of aging and drug development to discuss strategies for identifying and developing therapeutic approaches to extend human healthspan. This symposium made it highly evident that the biology of aging field is moving quickly toward translational research. At the symposium, there were numerous reports of successful drug screens and drug testing in a variety of model systems. There was also an overall sense of excitement, given that multiple therapeutic modalities, including young plasma, recombinant proteins, and small molecules, extend healthspan and lifespan in model organisms and that clinical trials to test the efficacy of these treatment modalities on healthspan and resilience have been initiated.

Session topics included:

- Drug Screening
- Anti-geronic Factors
- Senotherapeutics
- Genetic Identification of Drug Targets
- Molecular Targets for Drug Development
- Stem Cells and Clinical Trials.

The IFA 14th Global Conference on Ageing



Date(s): 8-10 August 2018

Location(s): Toronto, Canada

Website: <https://www.ifa2018.com>

Description:

The IFA 14th Global Conference on Ageing is being convened at the Chelsea Hotel and Ryerson University in the IFA's home city of Toronto, Ontario on 8–10 August 2018. The Conference will revolve around four key themes related to the field of ageing, and will feature prominent experts presenting and discussing critical issues. The conference is proud to be supported by an international network of partners.

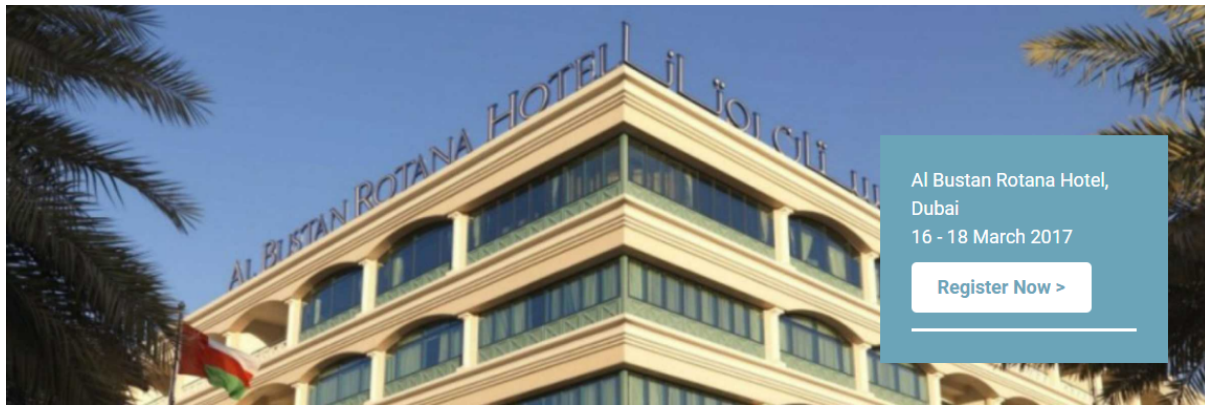
The title of IFA's 14th Global Conference, "Towards a Decade of Healthy Ageing – From Evidence to Action," is in response to the World Health Organization (WHO) Global Report on Ageing and Health and the subsequent goals of the WHO Global Strategy and Action Plan (2016).

Specifically, the Global Strategy focuses on five strategic objectives: commitment to action on healthy ageing in every country; developing age-friendly environments; aligning health systems to the needs of older populations; developing sustainable and equitable systems for providing long-term care (home, communities, institutions); and improving measurement, monitoring and research on Healthy Ageing.

The Global Strategy and Action Plan is a significant and much needed step forward in establishing a framework for Member States. The IFA, in its formal relations with the WHO, is strongly committed, through the platform of our Global Conference and attending delegates, to contributing to the evidence and partnerships necessary to support a Decade of Healthy Ageing from 2020 to 2030.

The IFA is committed to helping enable older people to do what they value through a deeper evidence-based understanding and has aligned the IFA Global Conference's themes to the WHO's Strategy with links to the UN Sustainable Development Goals (SDGs).

The International Growth and Development Conference (IGDC)



Date(s): March 16-18. 2017

Location: Dubai, United Arab Emirates

Website: <https://www.nutrition society.org/events/international-growth-and-development-conference>

Description:

The International Growth and Development Conference (IGDC) entitled 'Healthy Ageing: Paediatric to Geriatric' has been organised by an Organising Committee and the programme has been produced by a Scientific Committee. The First International Growth and Development Conference - 2017 (IGD-2017) is to be held on 16 - 18 March 2017 in Dubai, United Arab Emirates (UAE). The IGD Conference-2017 highlights the theme «Healthy Ageing: Paediatric to Geriatric». Health is a basic human right! Optimising individual physical, social and mental well-being is an essential element of health development throughout the life course.

The IGD Conference-2017 with the theme of Healthy Ageing: Paediatric to Geriatric is the first conference to be held in the region. It will feature leading keynote speakers, session speakers and poster presenters. Researchers will present their research on topics related to healthy ageing, along with age-related changes in metabolism and body composition, as well as the effects of conditions that develop during the ageing process. The conference provides a great platform for multidisciplinary collaboration between medical professionals, scientific and public health researchers from around the world.

THE ISSCR INTERNATIONAL SYMPOSIA



Date(s): November 10-12. 2017

Location: Guangzhou, China

Website: <http://www.isscr.org/meetings-events/international-symposia/guangzhou-2017>

Description:

The International Society for Stem Cell Research (ISSCR) and the Guangzhou Institutes of Biomedicine and Health (GIBH) present Stem Cells: The Next Generation, an ISSCR International Symposium, 10-12 November, 2017. This forward-thinking conference will explore the development of stem cell therapy. From the foundational to the translational, the ISSCR continues to bring you the latest information from the field's leading minds: the «next generation» of stem cell research and therapeutic application.

The International Society for Stem Cell Research (ISSCR) and the Guangzhou Institute for Biological Health (GIBH) are proud to present an exciting scientific program in an engaging, intimate atmosphere. The meeting begins with a keynote lecture on Friday, 10 November and conclude on Sunday, 12 November. There are opportunities for interactions among all levels of attendees. Lecture sessions will be supplemented with opportunities for abstract-selected talks, poster teasers presentations, and social and networking events.

SESSION TOPICS

- Stem Cell State and Differentiation
- Organoids and Disease Modeling
- Cell-Based Therapies
- Ethics of Genome Engineering