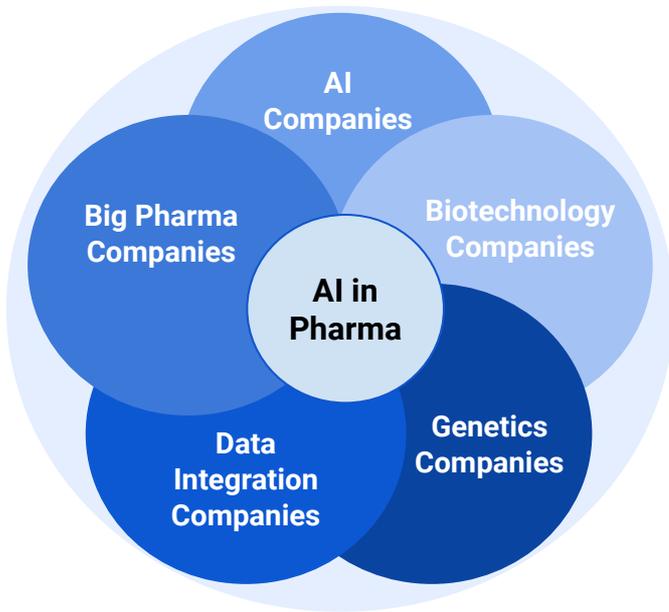


Investment Digest

Q4 2021 Overview of Pharmaceutical AI Sector

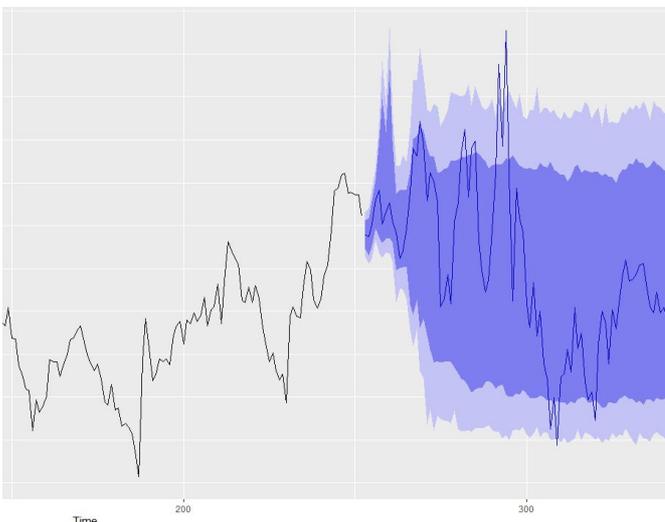


This **Investment Digest** is summarizing key players and observations in the private equity and venture capital ecosystem, focusing on the pharmaceutical artificial intelligence (AI), as well as the market behaviour of the top public companies. The Digest summarizes information about key industry trends, 470 promising AI-driven biotech startups, and 50 leading biotech investors in this sector, outlining major investment rounds and relevant R&D partnerships illustrating the industry traction and readiness of institutional investors (big pharma/biotech) to potentially acquire most successful AI-vendors.

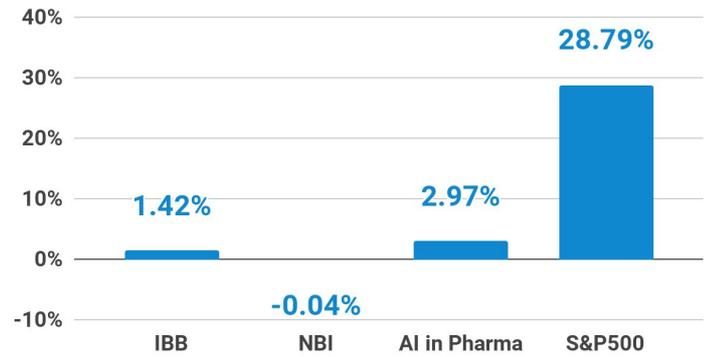


Neural Networks-based AI in Pharma focused companies' Index 90-days forecast

The Digest delivers short- and long-term forecasts of AI in Pharma sector performance compared to trends of key market benchmarks.



Market Returns During 2021

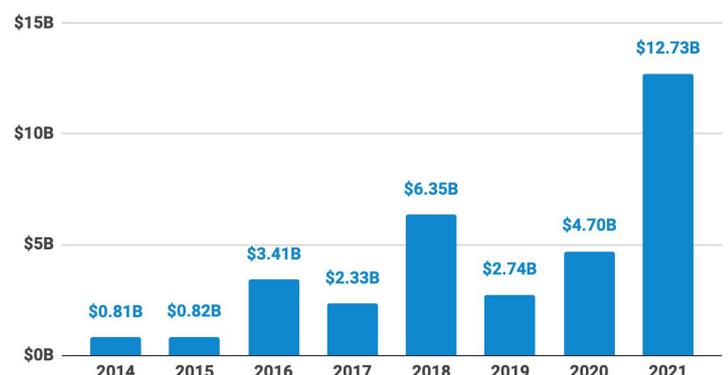


As of the end of 2021 AI in Pharma corporations market capitalization outperforms iShares Biotechnology ETF (IBB) and NASDAQ Biotechnology Index (NBI). However, S&P 500 gained solid 28.79% which placed it at the first place.

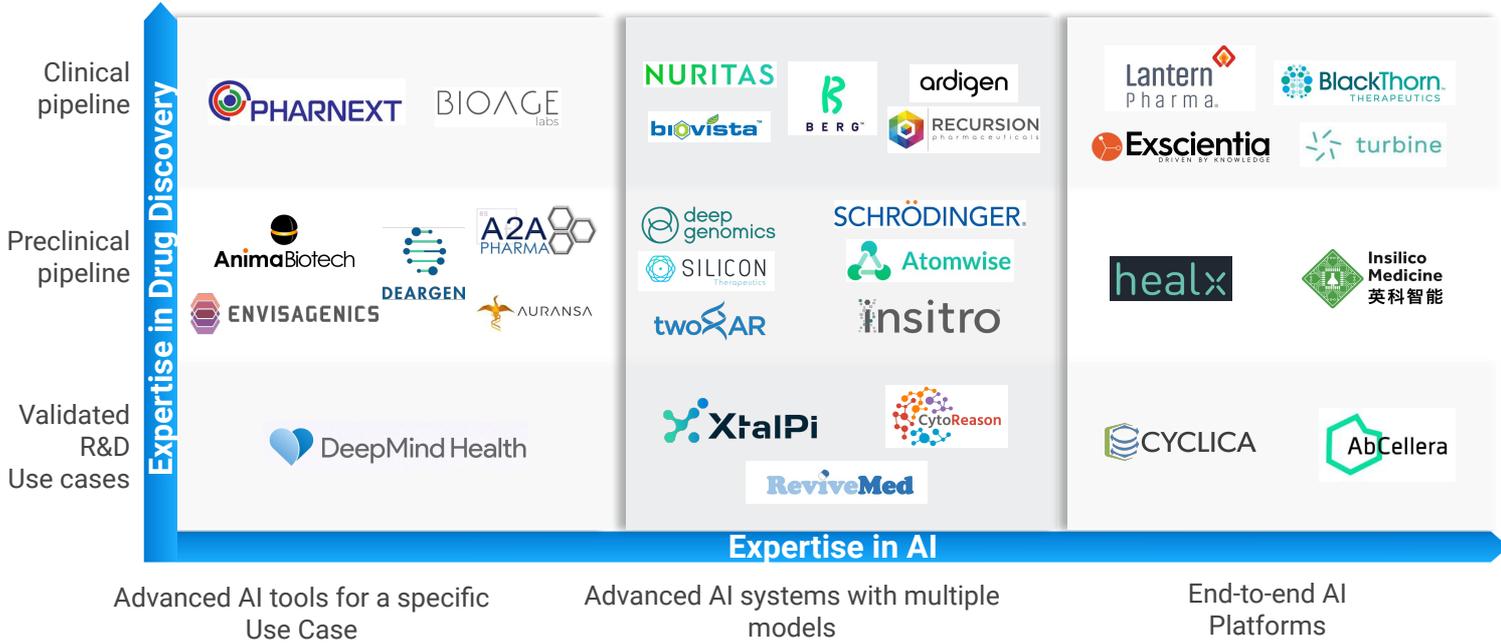
Some of the key takeaways from this digest include:

- The segment of pharmaceutical AI continues consolidation;
- Pharmaceutical AI sector is “heating up” for investments;
- AI-driven companies closed large-sum late-stage venture capital rounds (B, C, and D) in 2021;
- New IPOs attract a significant number of non-biotech investors to enter the Life Sciences sector;
- The market is maturing for rapid increase in M&A activity in the nearest future;
- Biotech industry is embracing trend of bringing companies to public markets via Special Purpose Acquisition Companies (SPACs);
- Publicly traded companies present rapid growth with reaching \$110B of cumulative capitalization as of December, 31 2021.

Dynamics of Investments in AI in Pharma



Comparison of Top-30 Leading AI for Drug Discovery Companies Expertise in Drug Discovery R&D / AI



Pharma AI Deals Structure 2021

