

LIFE SCIENCE TREND ANALYSIS

CANADA | 2022



VENTURE VALUATION
GLOBAL VALUATION SERVICES



APRIL 2022



ABOUT US



The following statistical information has been obtained from Biotechgate. Biotechgate is a global, comprehensive Life Sciences database encompassing the Biotechnology, Pharmaceutical and Medical Device industries.

www.biotechgate.com



The Canadian Life Sciences Database is a part of the global Biotechgate and is brought to you in partnership with BioAlberta and Montréal InVivo.

www.canadianlifesciences.com



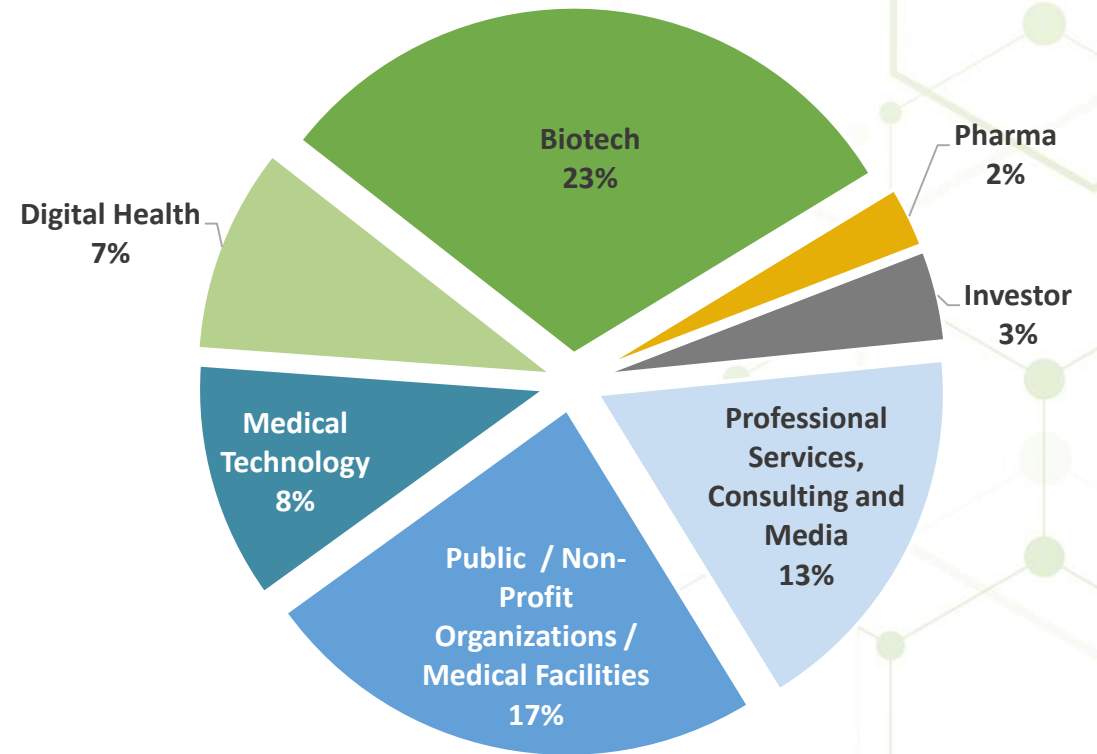
Biotechgate is owned and operated by Venture Valuation AG, a Zurich based company specializing in independent assessment and valuation of technology-driven companies in high growth industries, such as the Life Sciences (Biotech, Pharma, Medtech), ICT, high-tech, Nanotech, Cleantech and Renewable energy.

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OVERVIEW OF THE LIFE SCIENCE INDUSTRY

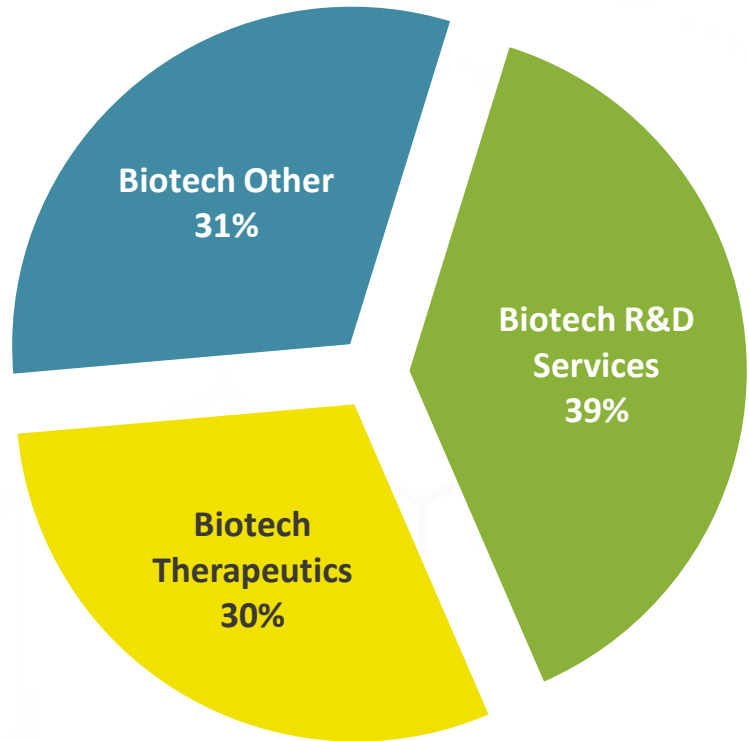
NUMBER OF COMPANIES BY SECTOR



For the definition of categories please visit www.biotechgate.com/web/cms/index.php/covered_industry_sectors.html. Biotech Companies include the following categories: Biotechnology – Therapeutics and Diagnostics; Biotechnology – R&D; Biotechnology – Other. Percentage value is expressed as % of total number of companies. Information displayed may alter as new information is received continuously

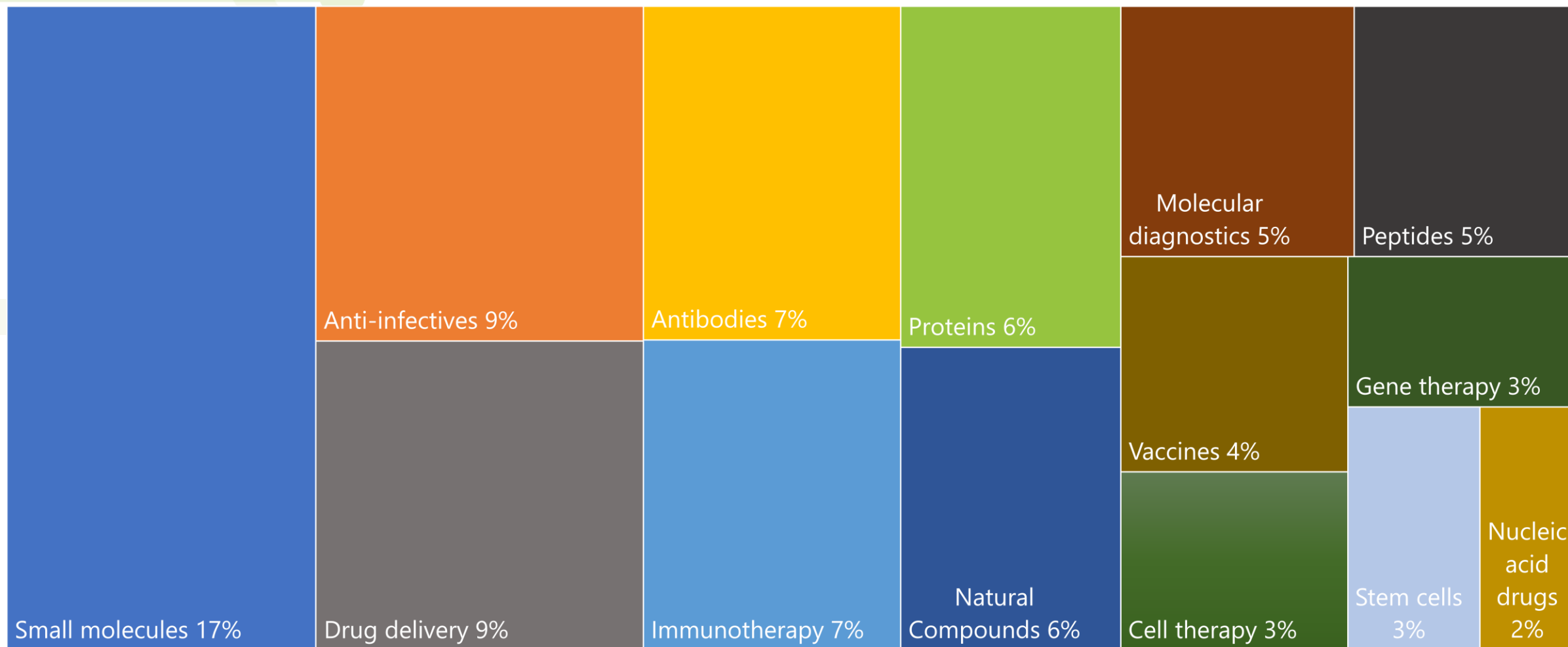
OVERVIEW OF BIOTECH COMPANIES

NUMBER OF COMPANIES BY SECTOR



BIOTECH - THERAPEUTICS COMPANIES BY KEY ACTIVITIES

AS PERCENTAGE OF TOTAL NUMBER OF BIOTECH - THERAPEUTICS COMPANIES

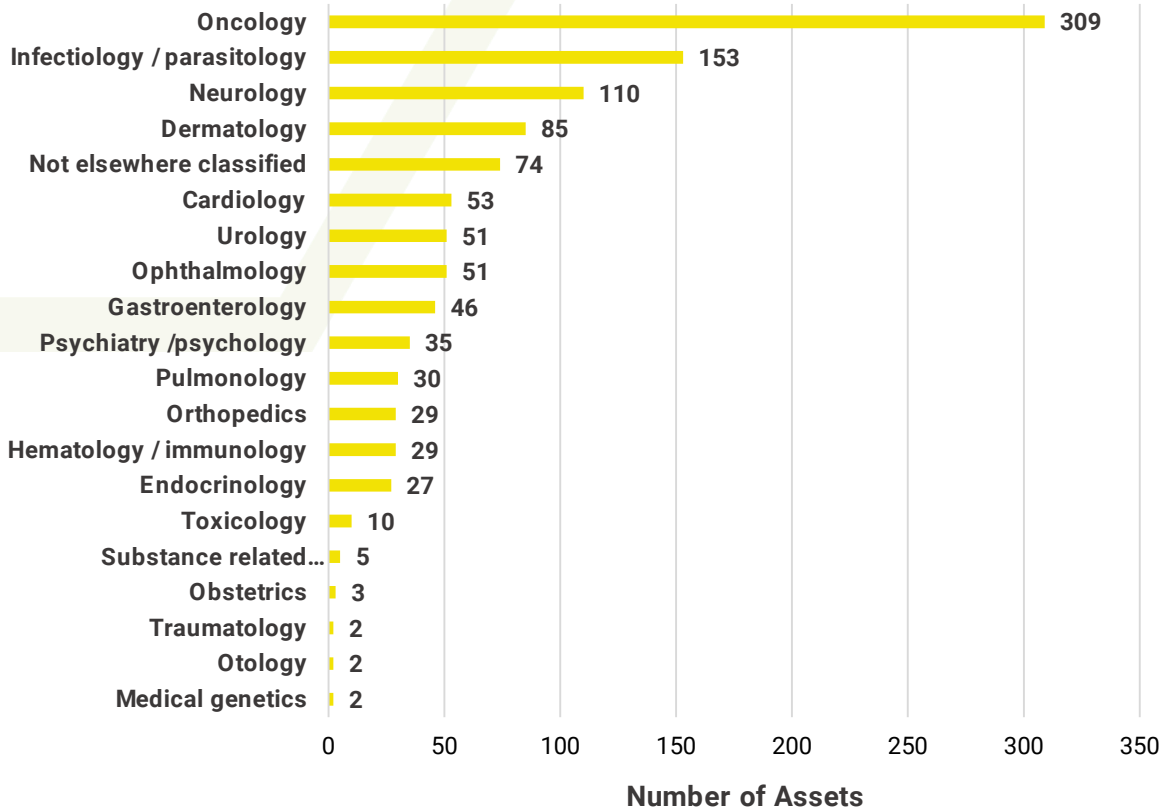


For 315 Biotech Therapeutics companies there were 556 subsectors (key activity areas) assigned (one biotech company can be active in multiple areas). The graph displays Biotech – Therapeutics and Diagnostics subsectors as the percentage of the total number of Biotech – Therapeutics and Diagnostics subsectors with exclusion of the category Others as well as Microbiome, Generics, Antibody-Drug-Conjugates and Biosimilars (very small percentages). The company subsectors are regarded as the key activities of a company. For the definition of subsectors please visit www.biotechgate.com/web/cms/index.php/covered_industry_sectors.html. Information displayed may alter as new information is received continuously.

BIOTECH ASSETS IN CLINICAL DEVELOPMENT

BY INDICATION AND DEVELOPMENT PHASE

BREAKDOWN BY INDICATION



BREAKDOWN BY DEVELOPMENT PHASE

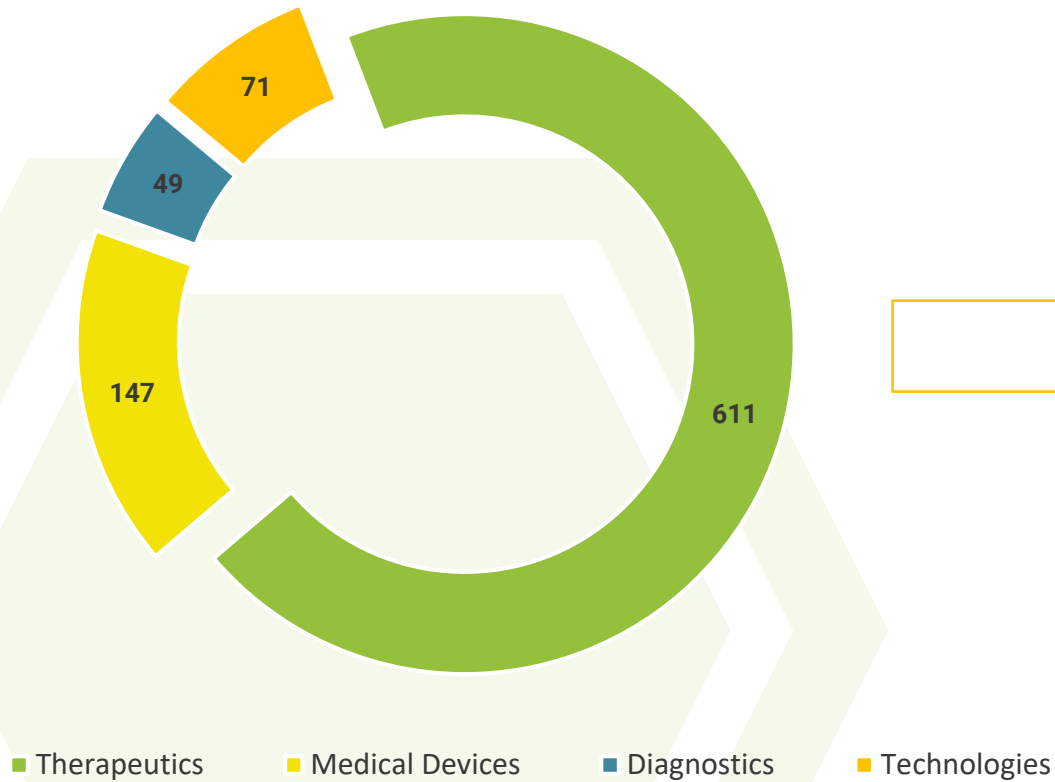


Both graphs contain the number of assets of Biotech – Therapeutics and Diagnostics companies (excl. of Pharma or Biotech – Others or Biotech R&D Services companies). Information displayed in the chart may alter as new information is received continuously.

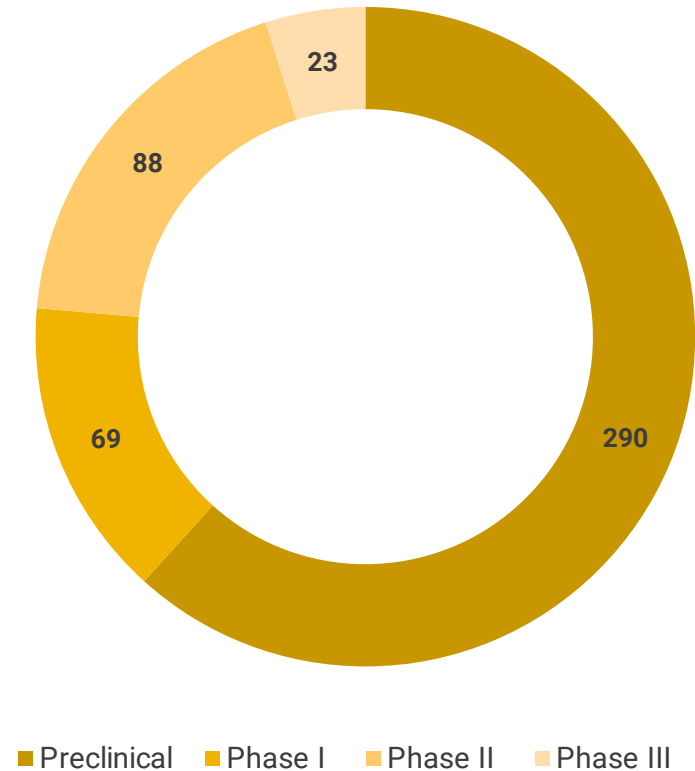
ASSETS AVAILABLE FOR OUT-LICENSING

NUMBER OF ASSETS

BY ASSET CLASS



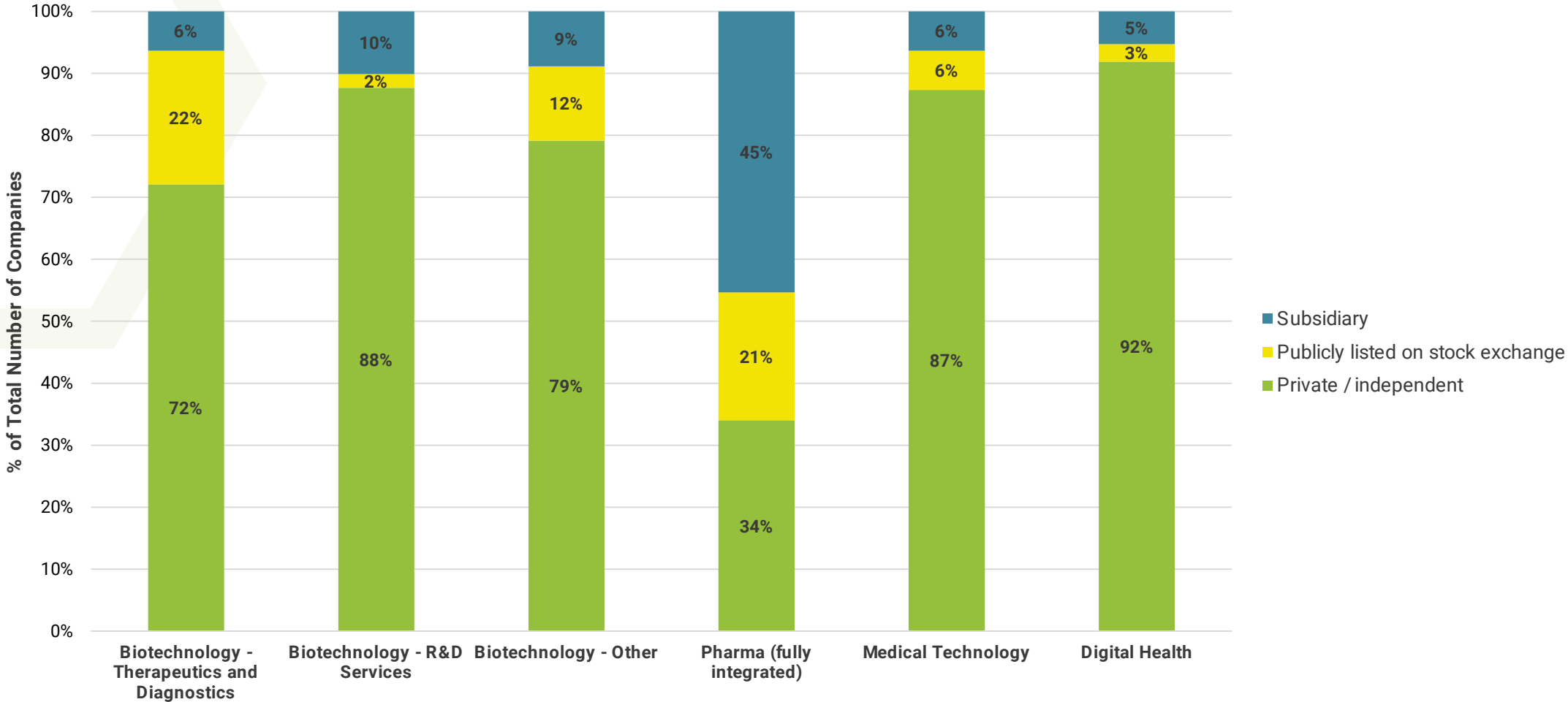
THERAPEUTICS IN DEVELOPMENT BY DEVELOPMENT PHASE



The graph titled Therapeutics in Development by Development Phase displays a subset of the asset class Therapeutics. Products in Discovery and Lead Optimization Phase are merged into Preclinical; Development Phase I/II trials are merged into Phase II and Phase II/III trials are merged into Phase III category.

OVERVIEW OF OWNERSHIP

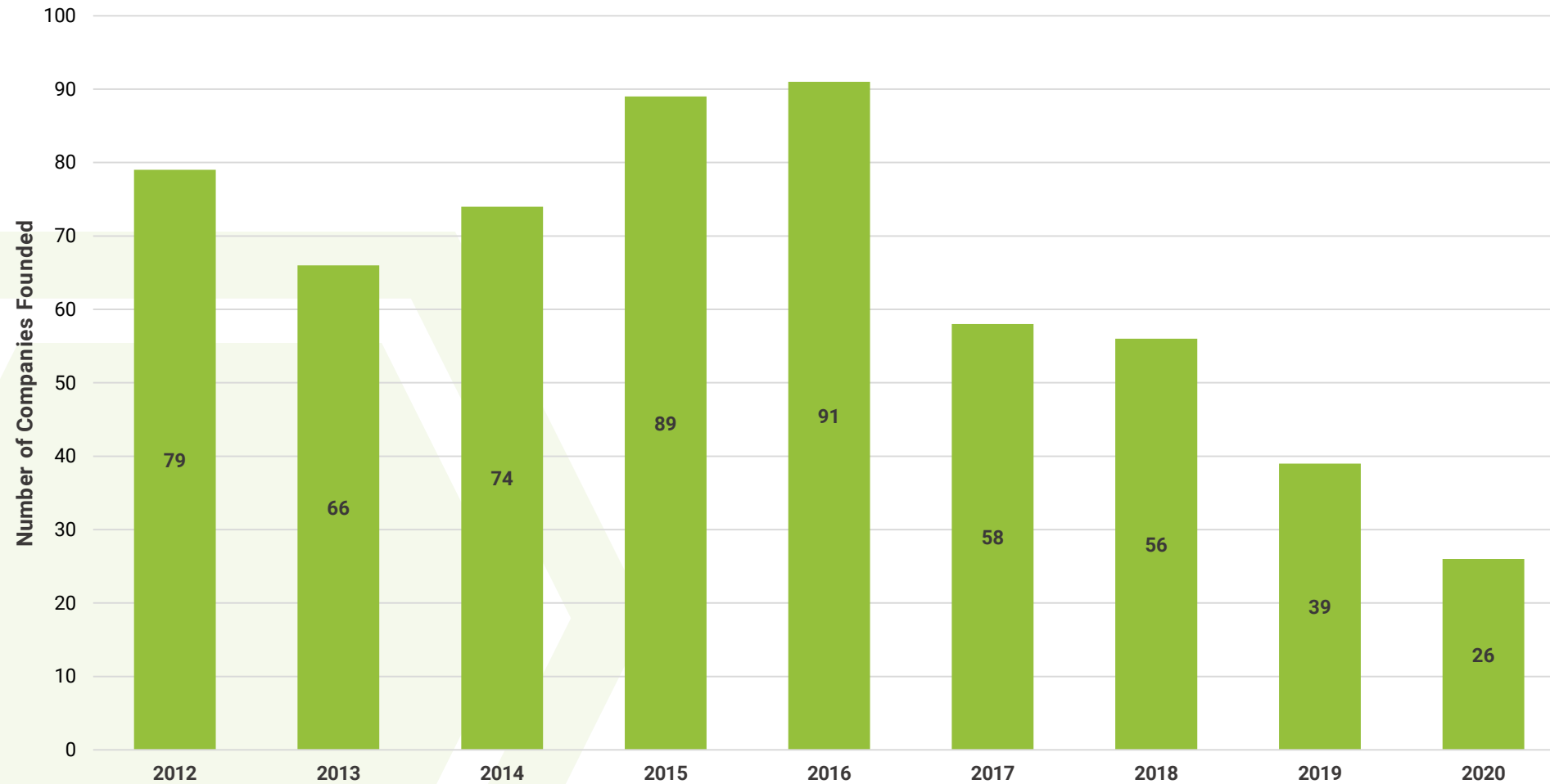
PERCENTAGE OF TOTAL NUMBER OF COMPANIES BY OWNERSHIP AND SECTOR



For the definition of categories please visit www.biotechgate.com/web/cms/index.php/covered_industry_sectors.html. Biotech T&D stands for Biotech Therapeutics and Diagnostics. Percentage value is expressed as % of total number of companies in the sector. Information displayed may alter as new information is received continuously.

COMPANY FOUNDATION TIMELINE

NUMBER OF LIFE SCIENCE COMPANIES FOUNDED BY YEAR | 2012-2020

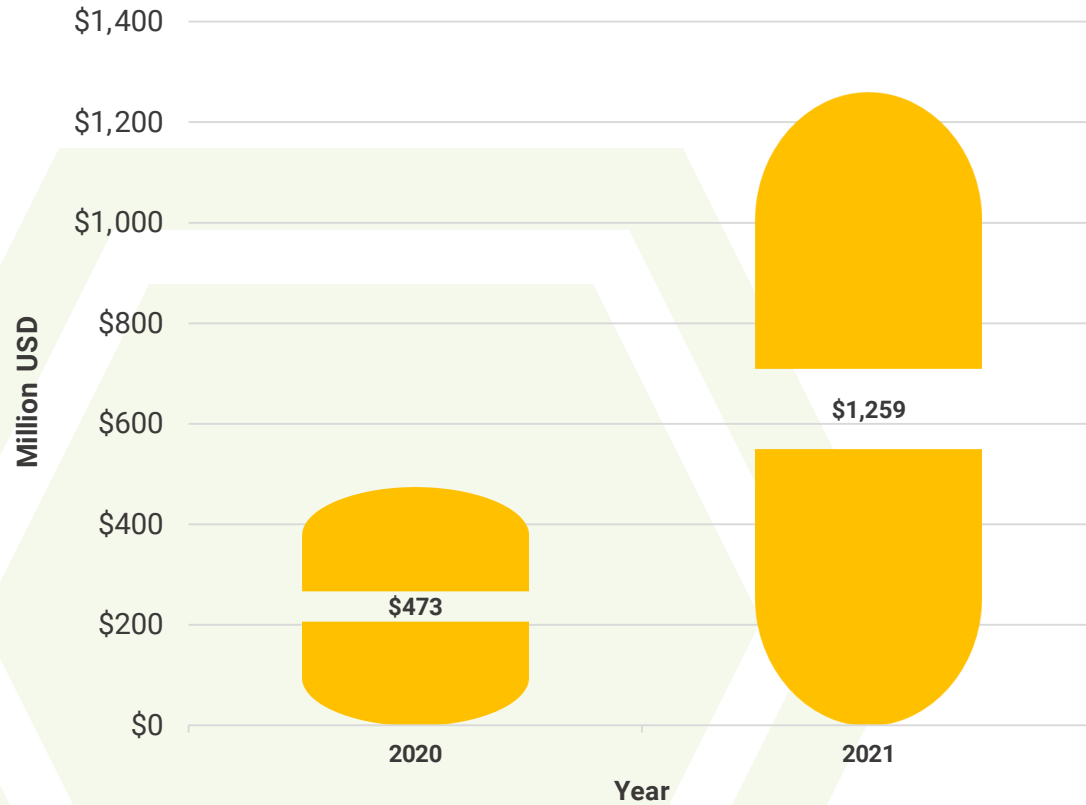


The graph contains data of the number of privately owned or publicly listed (no subsidiaries) life science companies founded by year including Biotech – Therapeutics and Diagnostics, Biotech – R&D Services, Biotech – Others, Pharma, Medical Technology and Digital Health companies. **Companies founded in 2021 were excluded**, since newly founded companies often remain under the radar until their first financing round. Information displayed in the chart may alter as new information is received continuously.

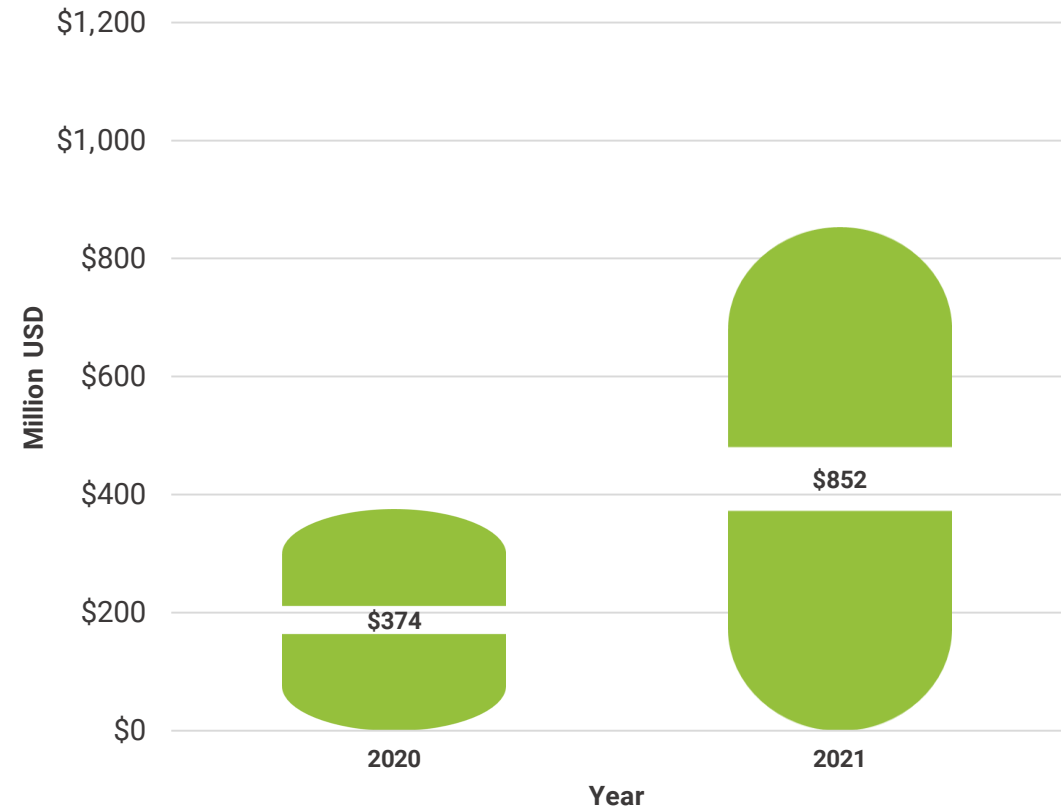
VENTURE FINANCING OF LIFE SCIENCE COMPANIES

PRIVATE EQUITY ROUNDS | 2020-2021

LIFE SCIENCE COMPANIES



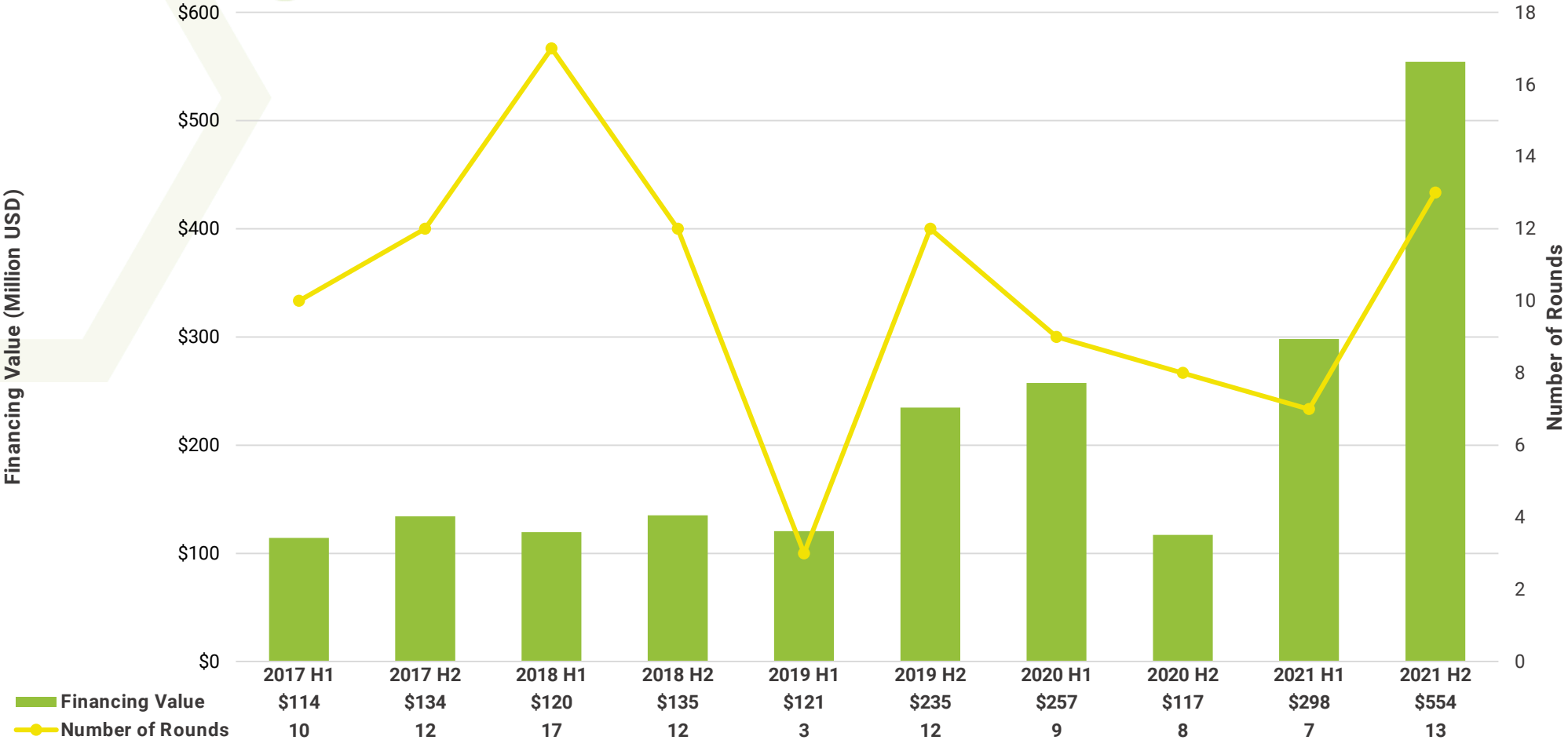
BIOTECH COMPANIES



Life science companies include Biotech – Therapeutics and Diagnostics, Biotech – R&D Services, Biotech – Others, Pharma, Medical Technology and Digital Health companies. Biotech companies are a subset of Life Science companies and include: Biotech – Therapeutics and Diagnostics, Biotech – R&D Services, Biotech – Others. Financing data only incl. private equity rounds of private companies at financing (excl. private placements in public companies). Data may alter as new information is continuously received and/or new tranches to existing financing rounds are added.

BIOTECH VENTURE FINANCING

PRIVATE EQUITY ROUNDS – 5 YEAR REPORT



The graph contains only private equity financing rounds (excl. IPOs, research grants, loans) of biotech companies (incl. therapeutics and diagnostics, R&D services and others). Financing amounts and number of rounds from previous months may alter as new information on financing rounds is received and/or new tranches to existing financing rounds are added.

MAJOR BIOTECH VENTURE FINANCING ROUNDS (2021)

TOP 5 PRIVATE EQUITY FINANCING ROUNDS | 2021

Company	Sector	Type of Round	USD M
Deep Genomics Inc.	Biotech - Therapeutics	Series C	\$180
Virogin Biotech Limited	Biotech - Therapeutics	Series D	\$120
Ventus Therapeutics	Biotech - Therapeutics	Series B	\$100
Notch Therapeutics	Biotech - Therapeutics	Series A	\$85
Turnstone Biologics Inc.	Biotech - Therapeutics	Series B	\$80

The table shows the five biggest private equity financing rounds (excl. IPOs, research grants, loans) of private and independent biotech companies in 2021. Information displayed in the table may alter as new information is continuously received and/or new tranches to existing financing rounds are added.

ABOUT BIOTECHGATE



Biotechgate is a **business development database** that contains over 60,000 high quality profiles of life science companies which include company description, contact information, product pipeline information, financing rounds and management details. Profiles are regularly updated by the companies themselves, as well as by an experienced database team, to ensure the accuracy and relevance of the data. Biotechgate contains also a database of 20,000 **licensing deals** and a **clinical trial database** containing over 750,000 records with registries from around the world.

To register for a free trial access or to learn more about the different subscription options, please visit www.biotechgate.com.

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