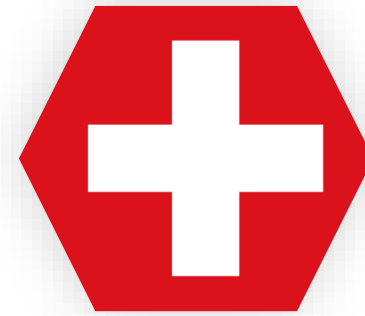


# LIFE SCIENCE TREND ANALYSIS

SWITZERLAND | 2022



VENTURE VALUATION  
GLOBAL VALUATION SERVICES



MARCH 2022

# ABOUT US



The following statistical information has been obtained from Biotechgate, a global, comprehensive life science database encompassing the biotechnology, pharmaceutical and medical device industries.

[www.biotechgate.com](http://www.biotechgate.com)



The Swiss Life Sciences Database is a part of the global Biotechgate and is brought to you in partnership with Swiss Biotech Association, Basel Area Business & Innovation and Life Science Zurich/Canton of Zurich.

[www.swisslifesciences.com](http://www.swisslifesciences.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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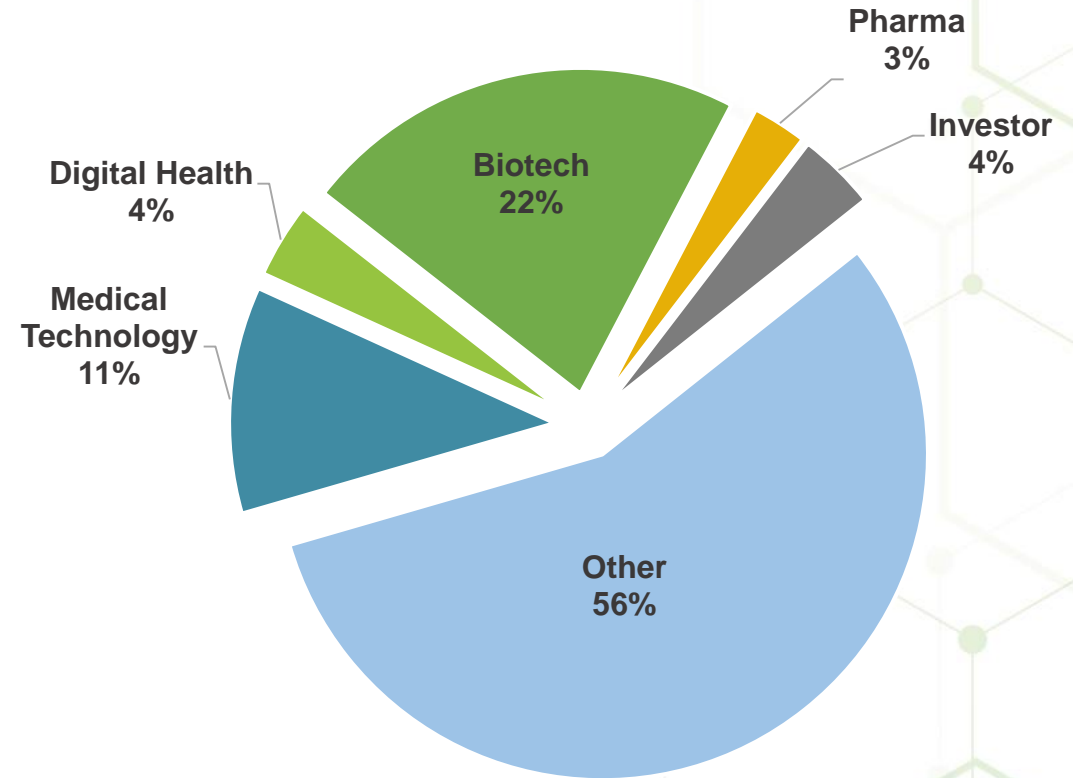
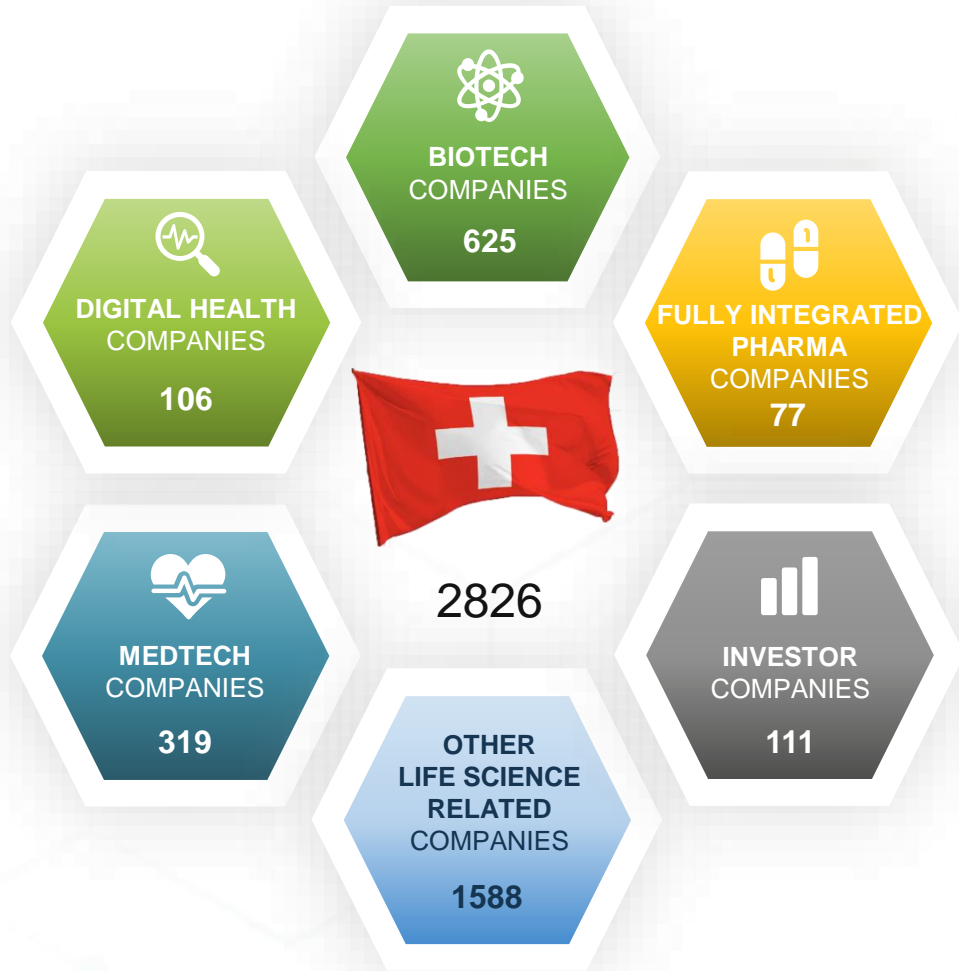


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# OVERVIEW OF THE LIFE SCIENCE INDUSTRY

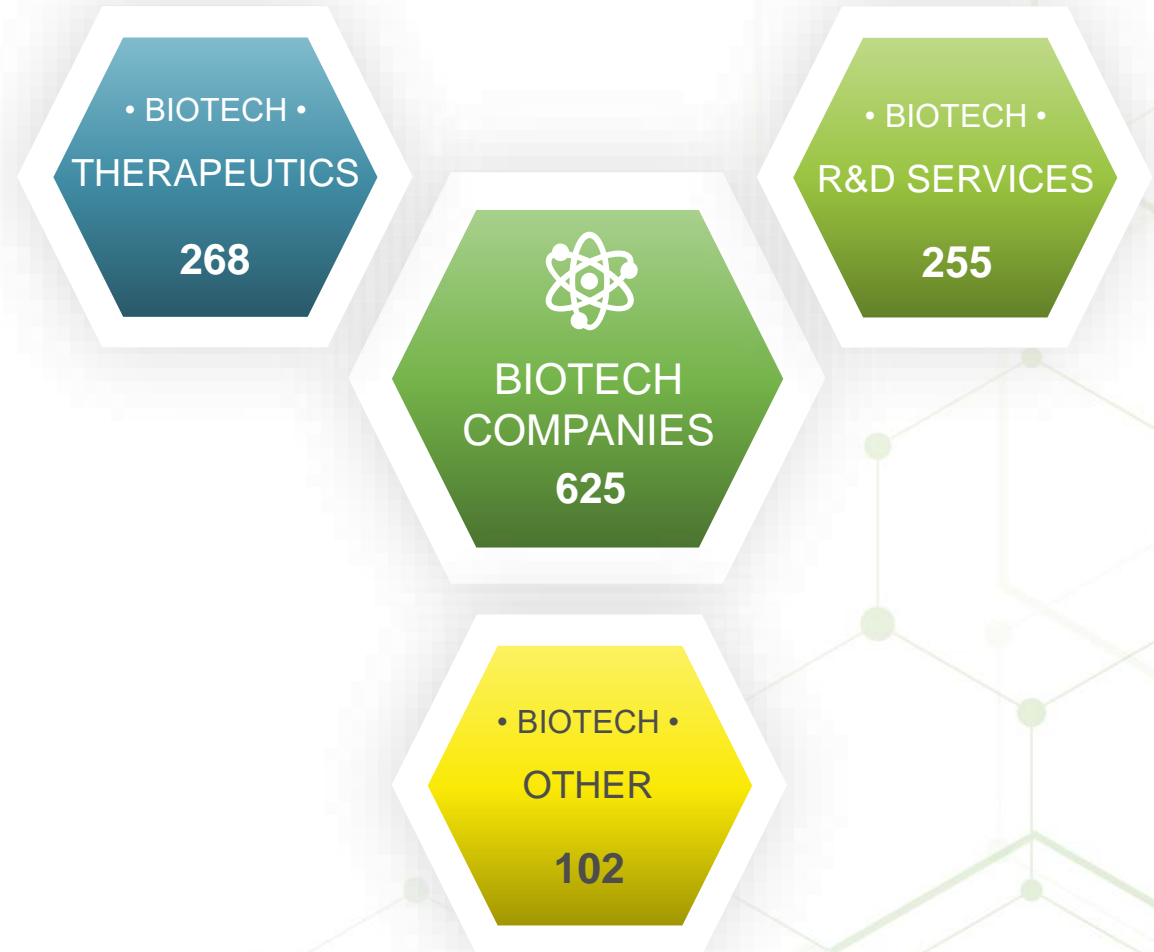
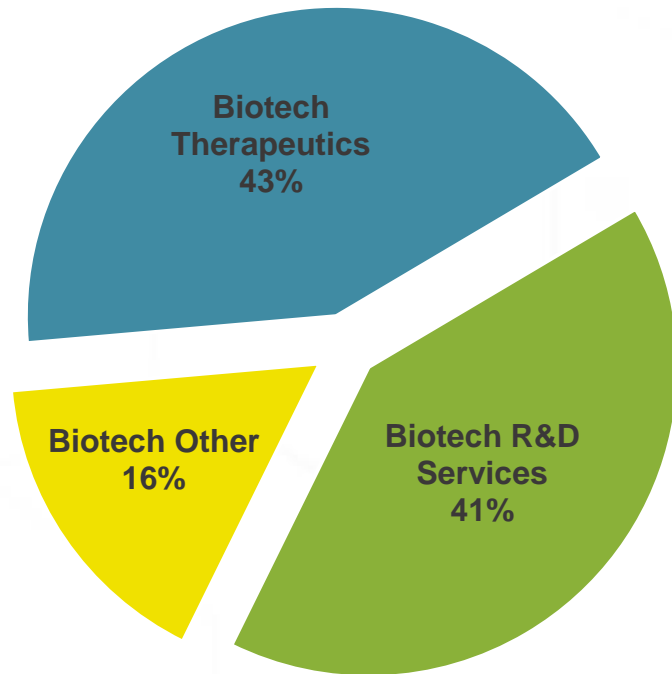
## NUMBER OF COMPANIES BY SECTOR



For the definition of categories please visit [www.biotechgate.com/web/cms/index.php/covered\\_industry\\_sectors.html](http://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

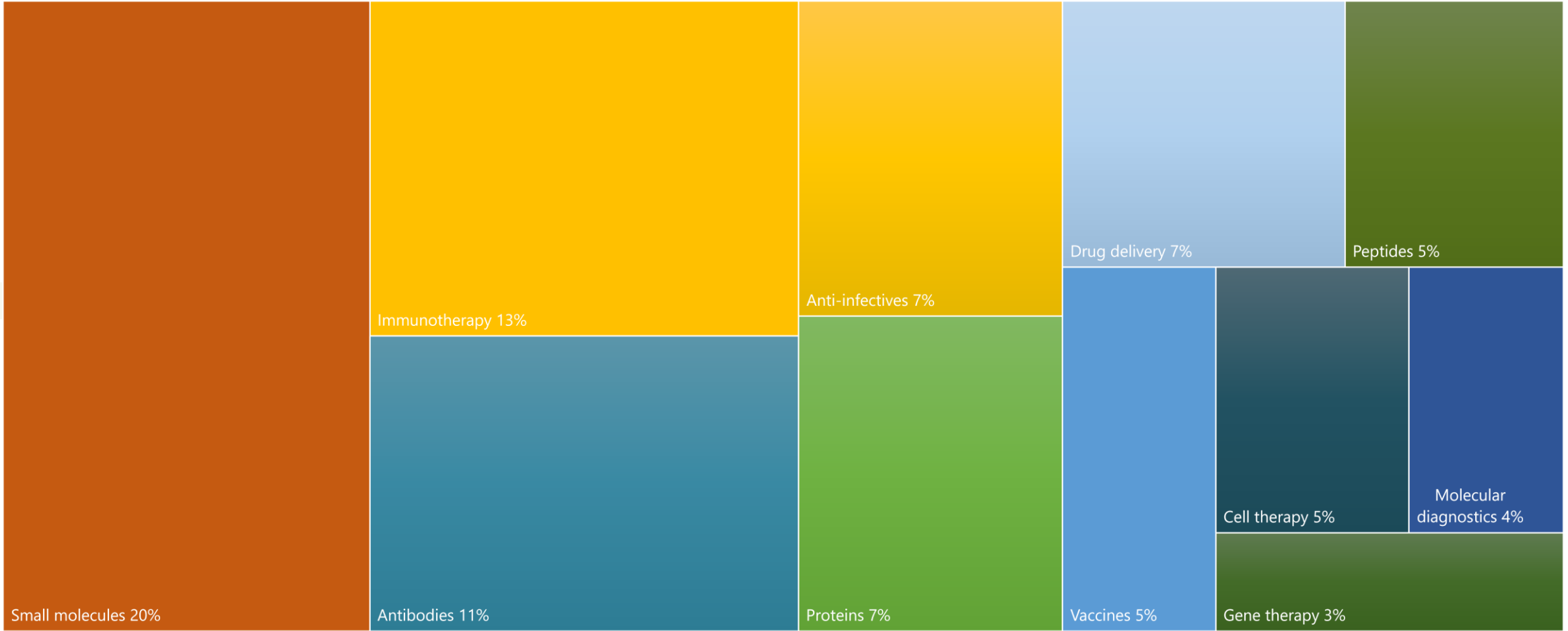
# OVERVIEW OF BIOTECH COMPANIES

## NUMBER OF COMPANIES BY SECTOR



# BIOTECH – THERAPEUTICS COMPANIES BY THERAPY AREAS / MODALITIES

AS PERCENTAGE OF TOTAL NUMBER OF BIOTECH - THERAPEUTICS COMPANIES

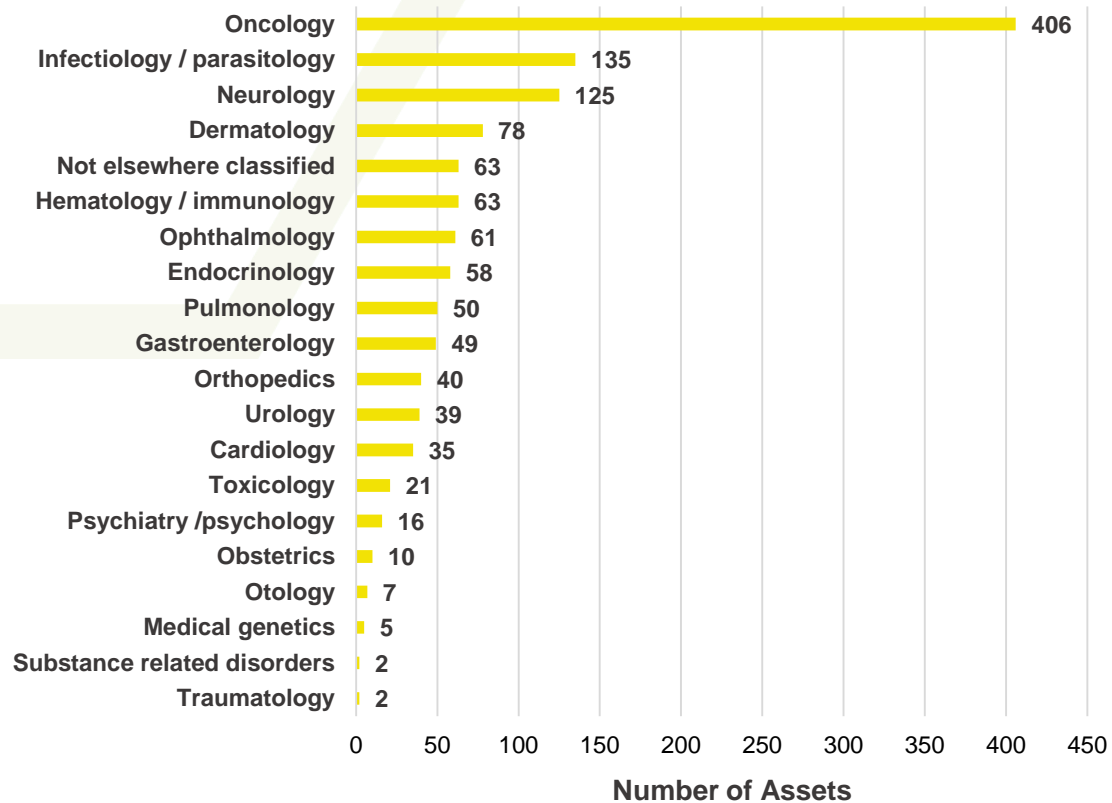


For 268 Biotech Therapeutics companies there were 468 subsectors (therapy areas, e.g. immunotherapy, or modalities, e.g. small molecules) assigned (one biotech company can be active in multiple areas). The graph displays subsectors as the percentage of the total number of Biotech – Therapeutics and Diagnostics subsectors with exclusion of the category Others and categories with very small percentages (<3%). The company subsectors are regarded as the therapy areas and modalities of a company. For the definition of subsectors please visit [www.biotechgate.com/web/cms/index.php/covered\\_industry\\_sectors.html](http://www.biotechgate.com/web/cms/index.php/covered_industry_sectors.html). Information displayed may alter as new information is received continuously.

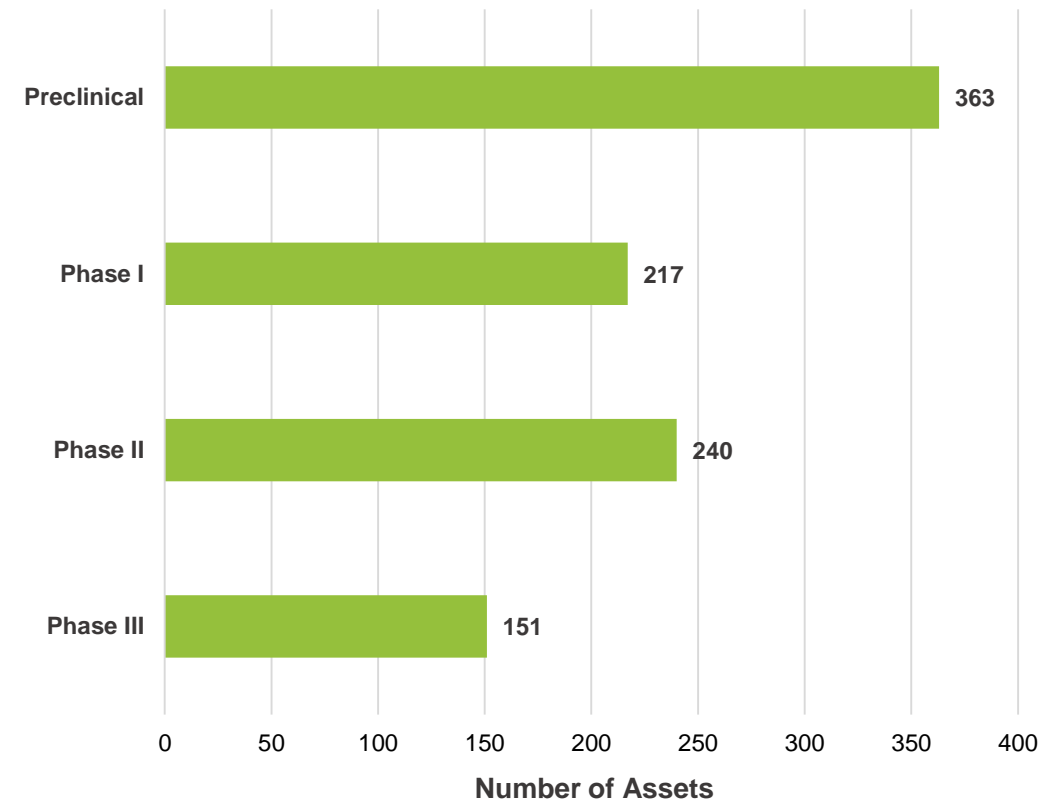
# BIOTECH ASSETS IN CLINICAL DEVELOPMENT

## BY INDICATION AND DEVELOPMENT PHASE

### BREAKDOWN BY INDICATION



### BREAKDOWN BY DEVELOPMENT PHASE

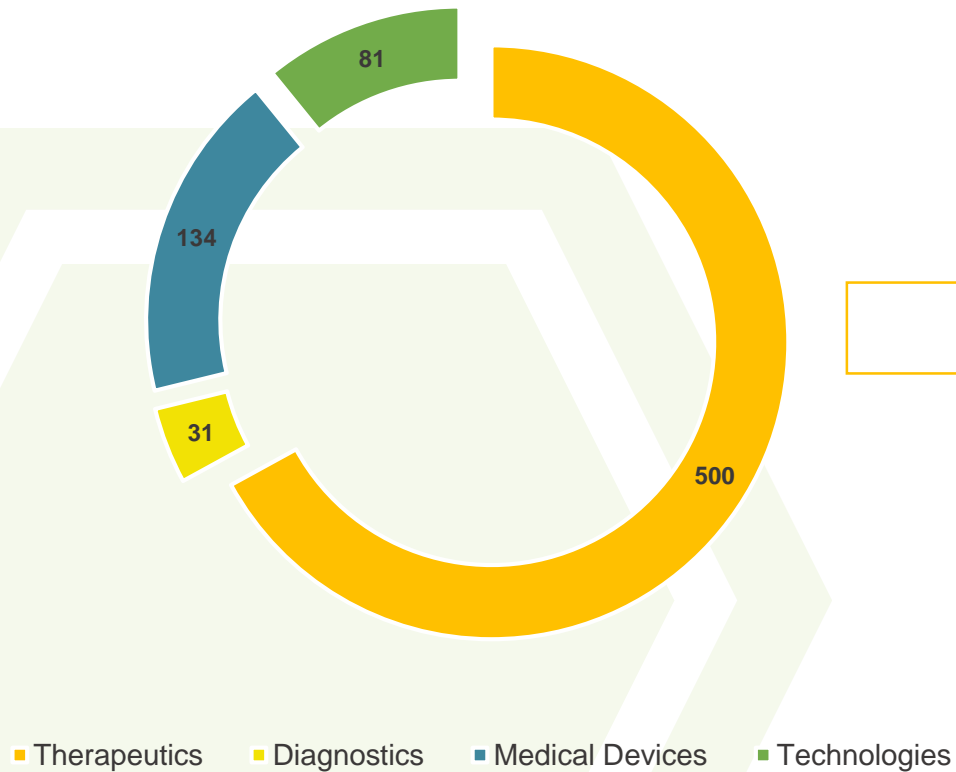


Both graphs contain the number of assets of Biotech – Therapeutics and Diagnostics companies (excl. of Pharma or Biotech – Others or Biotech R&D Services companies). Products in Discovery and Lead Optimization Phase are merged into Preclinical; Development Phase I/II trials are merged into Phase II and Phase II/III trials are merged into Phase III category. Information displayed in the chart may alter as new information is received continuously

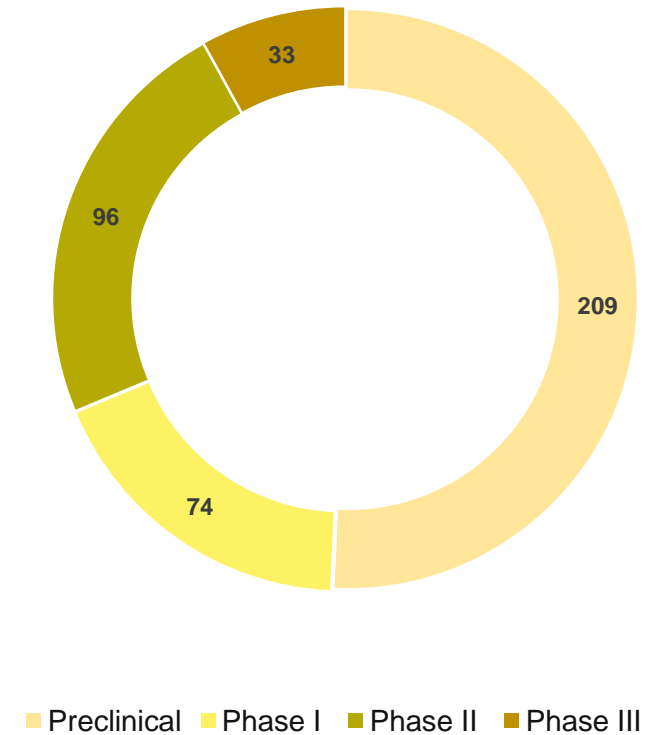
# ASSETS AVAILABLE FOR OUT-LICENSING

## NUMBER OF ASSETS

### BY ASSET CLASS



### THERAPEUTICS BY DEVELOPMENT PHASE

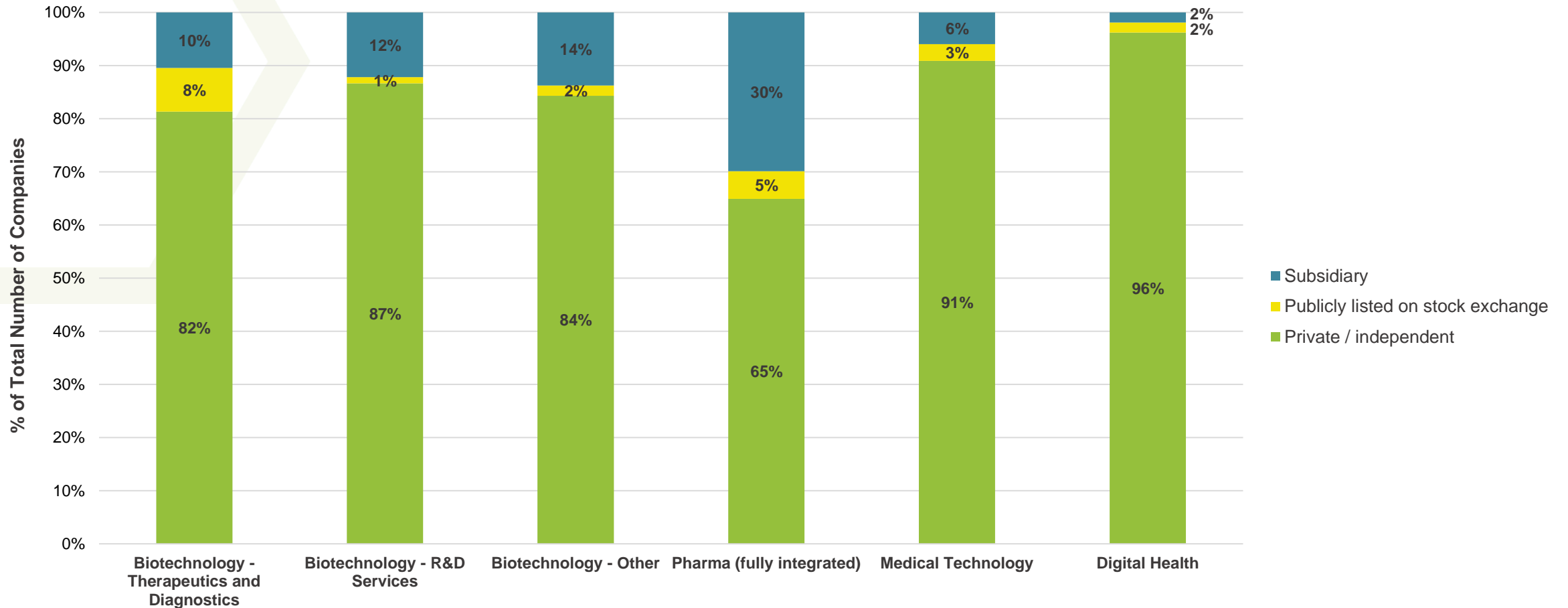


The graph titled Therapeutics by Development Phase displays a subset of the asset class Therapeutics which are in development. Products in Discovery and Lead Optimization Phase are merged into Preclinical; Development Phase I/II trials are merged into Phase II and Phase II/III trials are merged into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



# OVERVIEW OF OWNERSHIP

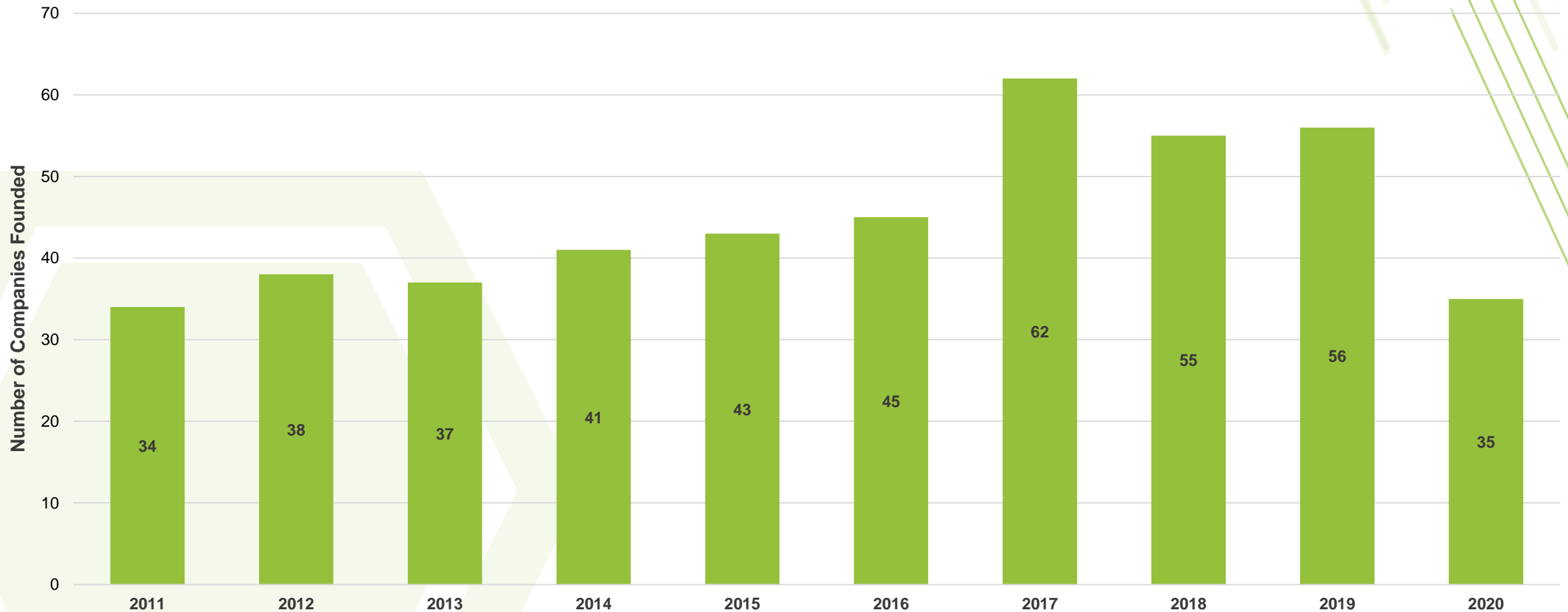
## PERCENTAGE OF TOTAL NUMBER OF COMPANIES BY OWNERSHIP AND SECTOR



For the definition of categories please visit [www.biotechgate.com/web/cms/index.php/covered\\_industry\\_sectors.html](http://www.biotechgate.com/web/cms/index.php/covered_industry_sectors.html). 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 | 2011-2020

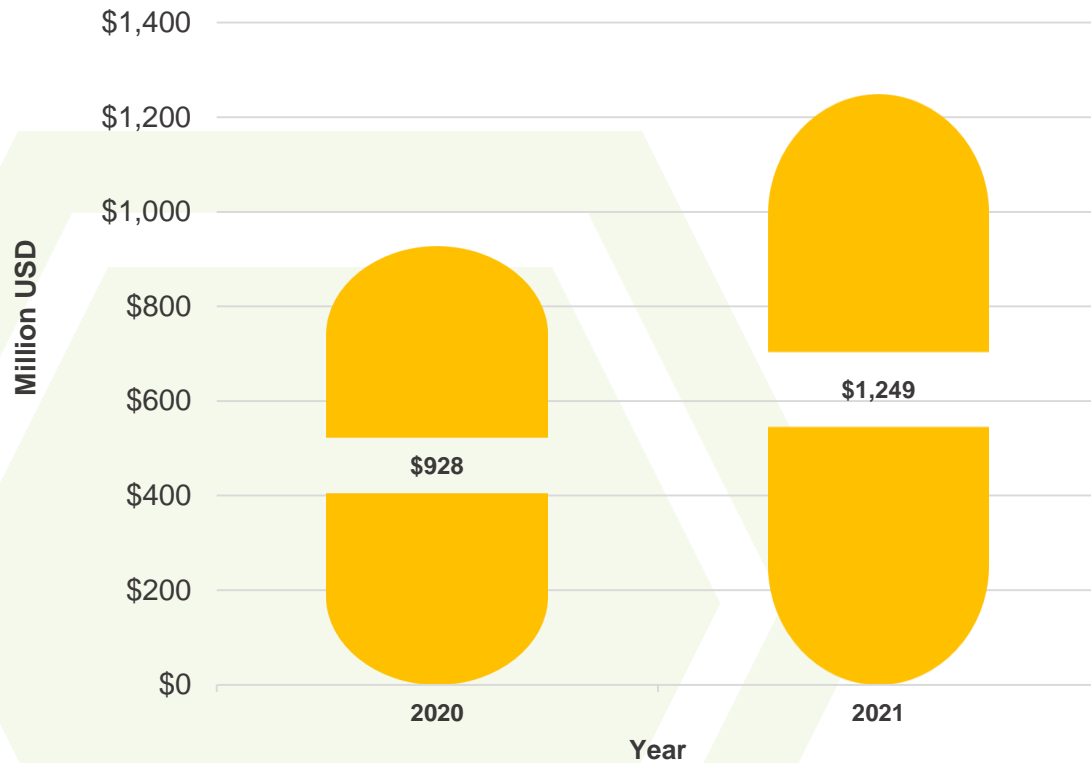


The graph contains the number of privately owned or publicly listed (no subsidiaries) life science companies founded by year including Biotech - Therapeutics and Diagnostics, Biotech - R&D Services, Biotech – Others, Pharma, Medical Technology and Digital Health companies. **Companies founded in 2021 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



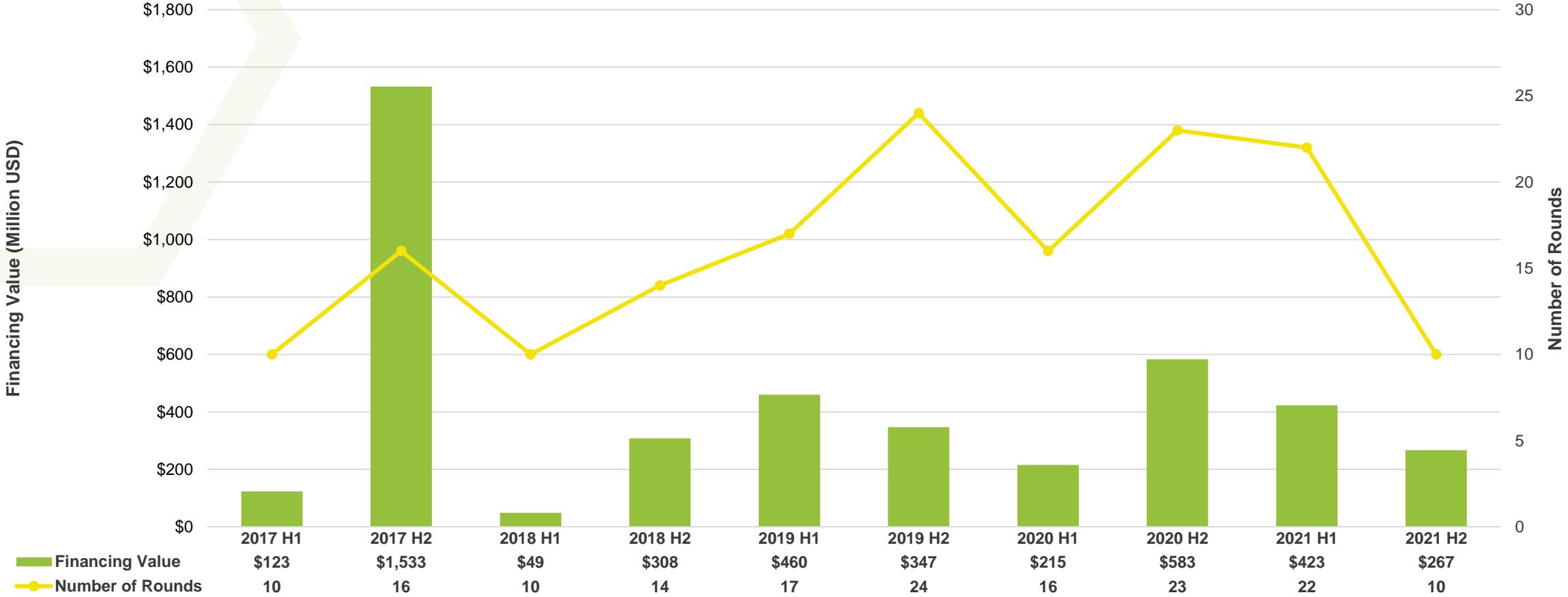
### BIOTECH COMPANIES



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 includes private equity rounds (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



Biotech companies are a subset of Life Science companies and include: Biotech - Therapeutics and Diagnostics, Biotech - R&D Services, Biotech – Others. Financing data only includes private equity rounds (excl. private placements in public companies) of biotech companies (incl. therapeutics and diagnostics, R&D services and others). **The high financing value in H2 2017 is due to a private equity round of Roivant Sciences GmbH, headquartered in Basel, amounting to USD 1,100m.** Data may alter as new information is continuously 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
Anaveon AG (Basel area)	Biotech – Therapeutics (Immunotherapy / Cytokines)	Series B	\$120
Numab Therapeutics AG (Zurich area)	Biotech – Therapeutics (Immunology)	Series C	\$111
Bright Peak Therapeutics AG (Basel area)	Biotech – Therapeutics (Immunology / Cytokines)	Series B	\$107
Monte Rosa Therapeutics AG* (Basel area)	Biotech – Therapeutics (Small molecule therapeutics)	Series C	\$95
Alentis Therapeutics AG (Basel area)	Biotech – Therapeutics (Monoclonal antibodies)	Series B	\$67

\*Founded and operating in Basel, Switzerland; since 2020 headquartered in Boston, USA.

The table shows the five biggest private equity financing rounds (excl. IPOs, research grants, loans) of private and independent biotech companies in 2021. Biotech Therapeutics sector equals to Biotechnology - Therapeutics and Diagnostics. 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](http://www.biotechgate.com).

# BIOTECHGATE | DIGITAL PARTNERING

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