

# LIFE SCIENCE TREND ANALYSIS

SOUTH KOREA | 2022



VENTURE VALUATION  
GLOBAL VALUATION SERVICES



AUGUST 2022



# ABOUT US



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

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



The Korean Biotech Database is a part of the global Biotechgate and is brought to you in partnership with **Seoul BioHub** and **The Korea Health Industry Development Institute**.

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

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

# OUR PARTNERS



SEOUL BIO HUB

**Seoul BioHub** is a hub for biomed startups located in Hongneung Biomedical Cluster, one of the local bioclusters in South Korea.

Seoul BioHub provides lab equipment for common use, consulting services, networking opportunities with experts such as venture capitalists, business development professionals and healthcare professionals, as well as consistent support throughout all phases of the start-up life cycle, including technology commercialization.

The core objectives of the organization are:

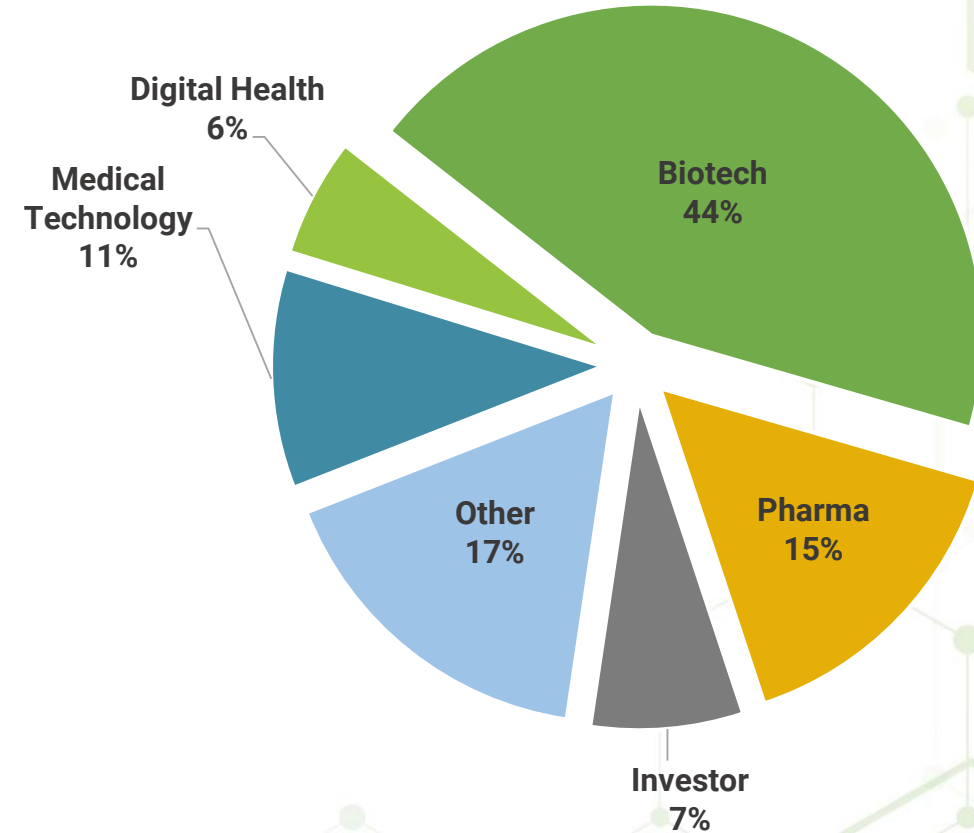
- Discover and foster excellent venture capital firms that specialize in biotech
- Promote open innovation to revitalize domestic and international networks
- Provide a system that helps in the growth and commercialization of start-ups

Seoul BioHub is funded and developed by the Seoul Metropolitan Government and operated by KHIDI.

[www.seoulbiohub.kr](http://www.seoulbiohub.kr)

# OVERVIEW OF THE LIFE SCIENCE INDUSTRY

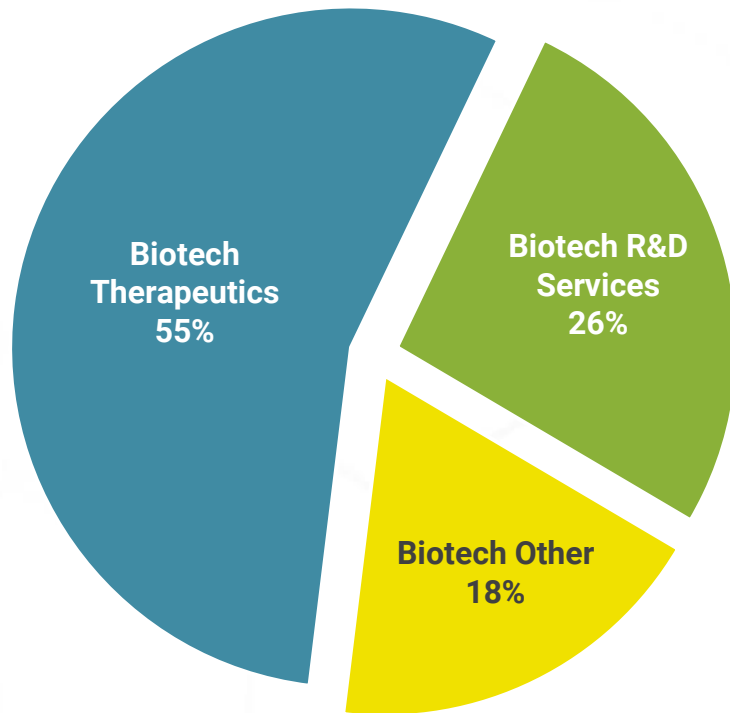
## NUMBER OF COMPANIES BY SECTOR



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

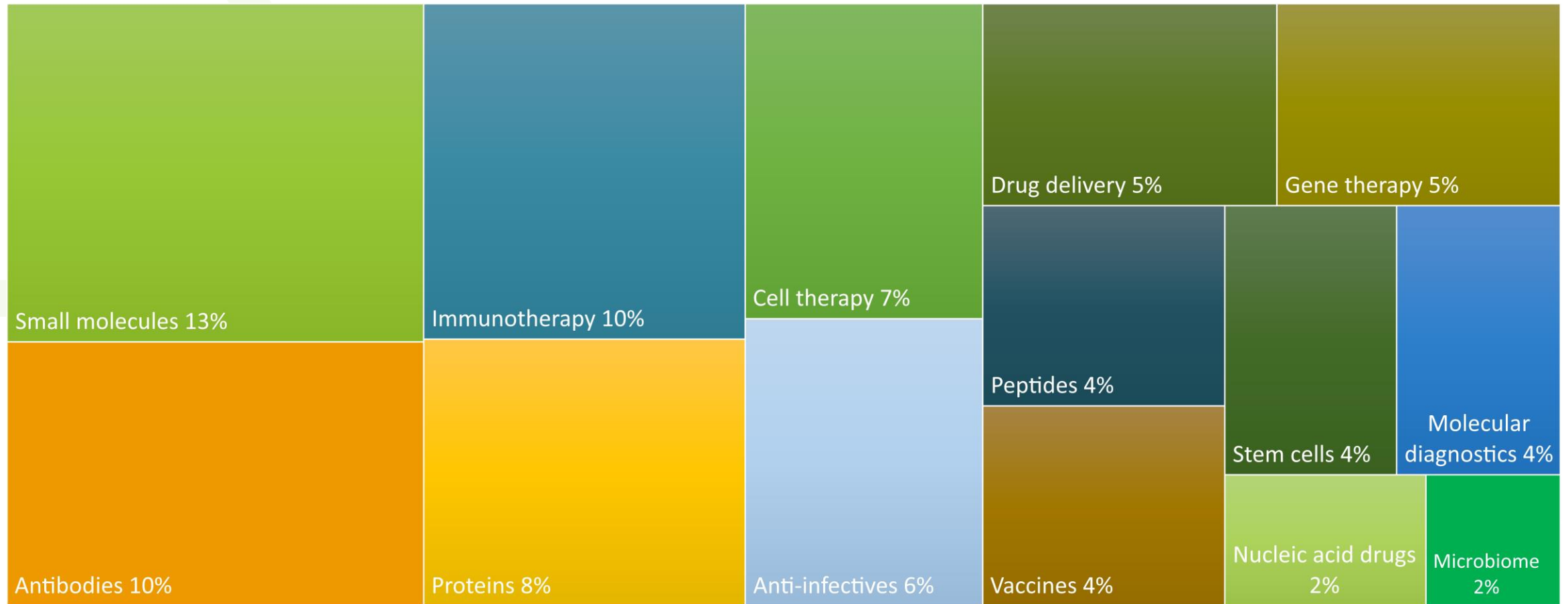
## NUMBER OF COMPANIES BY SECTOR



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 Therapeutics category equals to Biotechnology – Therapeutics and Diagnostics. Percentage value is expressed as % of total number of biotechnology companies including Biotech – Therapeutics and Diagnostics, Biotech – R&D Services and Biotech – Others. Information displayed may alter as new information is received continuously.

# BIOTECH - THERAPEUTICS COMPANIES BY KEY ACTIVITIES

AS PERCENTAGE OF TOTAL NUMBER OF BIOTECH - THERAPEUTICS COMPANIES

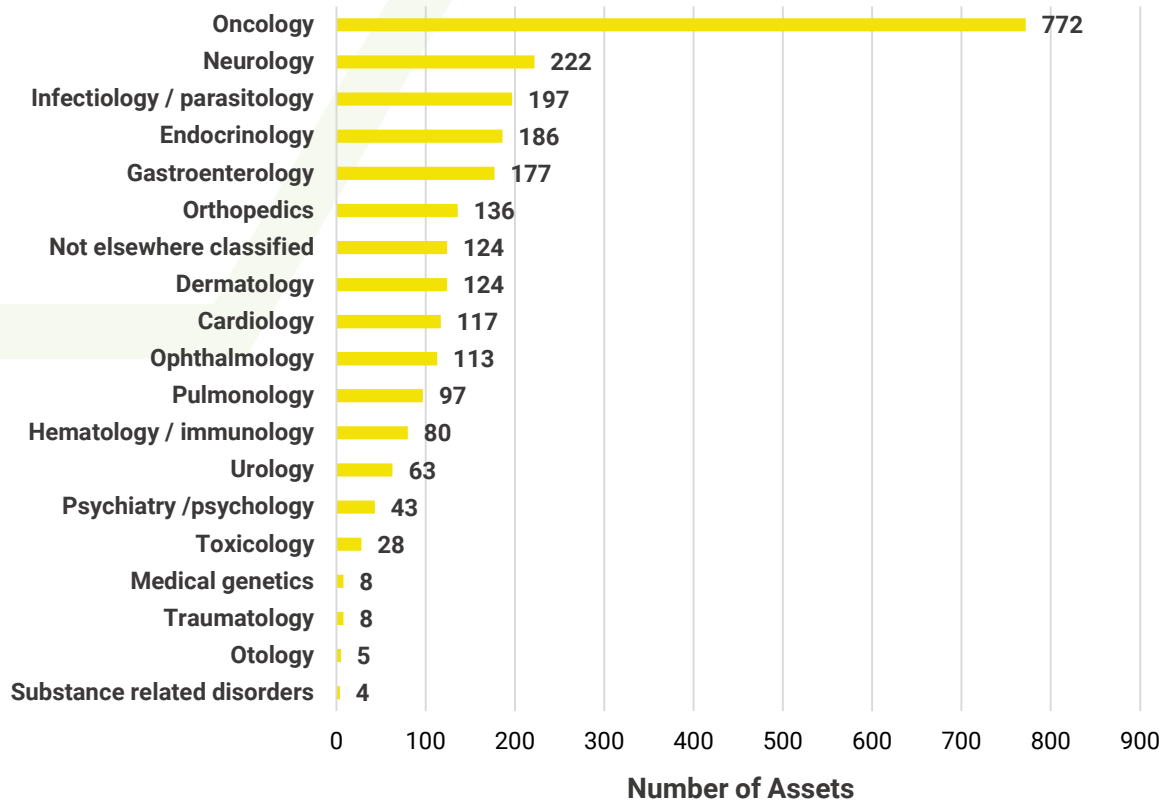


For 251 Biotech Therapeutics companies there were 501 subsectors (key activity areas) assigned (one biotech company can be active in multiple areas). The graph displays Biotech – Therapeutics and Diagnostics subsectors as the percentage of the total number of Biotech – Therapeutics and Diagnostics subsectors with exclusion of the category Others and categories with percentages smaller than 2%. 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](http://www.biotechgate.com/web/cms/index.php/covered_industry_sectors.html). Information displayed may alter as new information is received continuously.

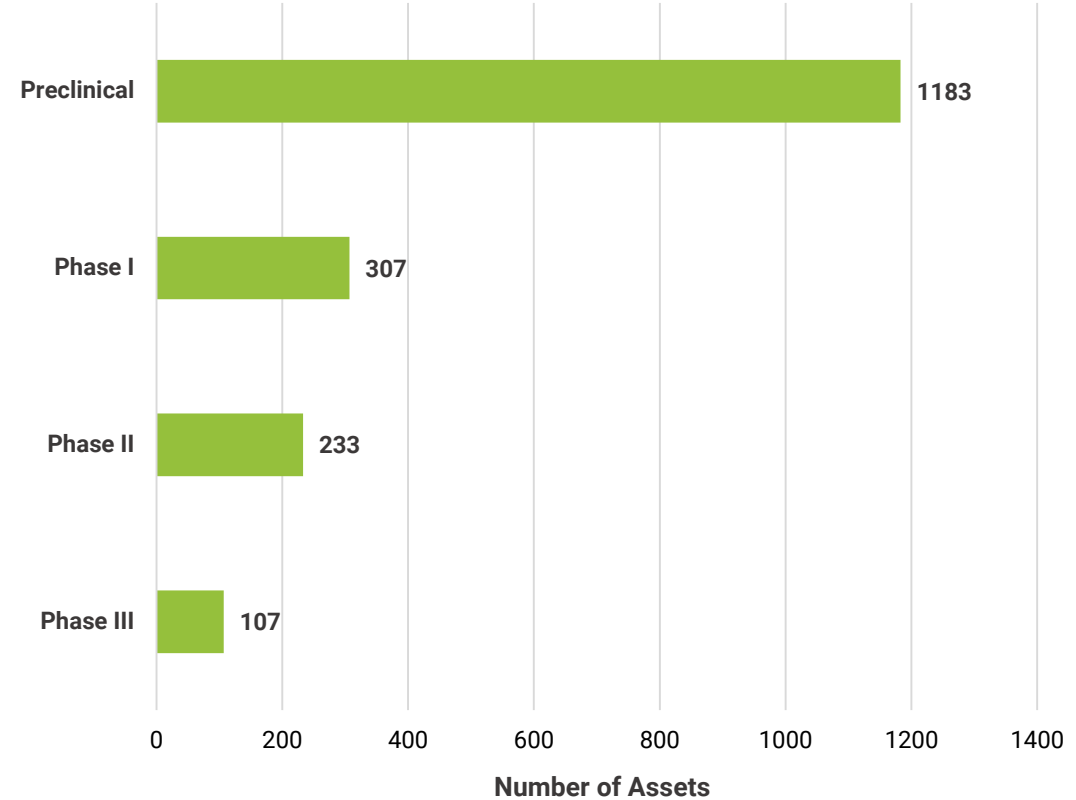
# BIOTECH ASSETS IN CLINICAL DEVELOPMENT

BY INDICATION AND DEVELOPMENT PHASE

BREAKDOWN BY INDICATION



BREAKDOWN BY DEVELOPMENT PHASE

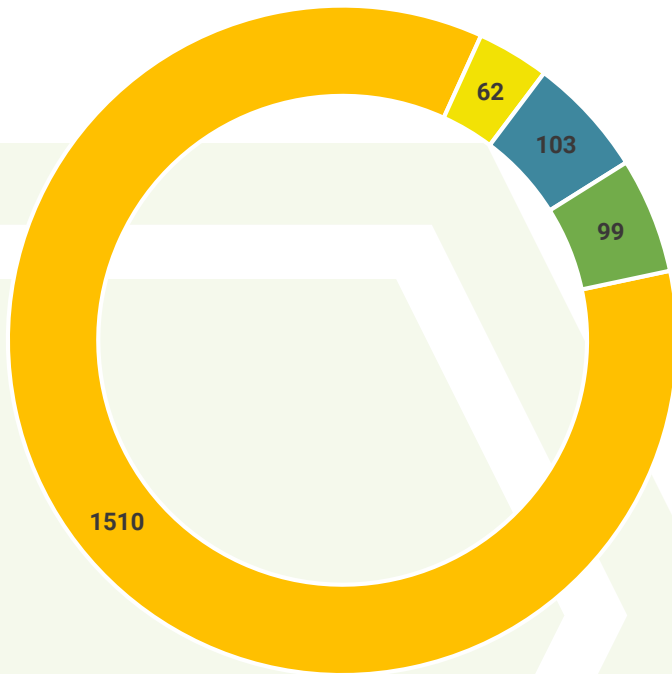


Both graphs contain the number of assets of Biotech – Therapeutics and Diagnostics companies (excl. Pharma or Biotech – Others or Biotech R&D Services companies). Products in Discovery and Lead Optimization Phase are merged into Preclinical; Development Phase I/II trials are merged into Phase II and 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

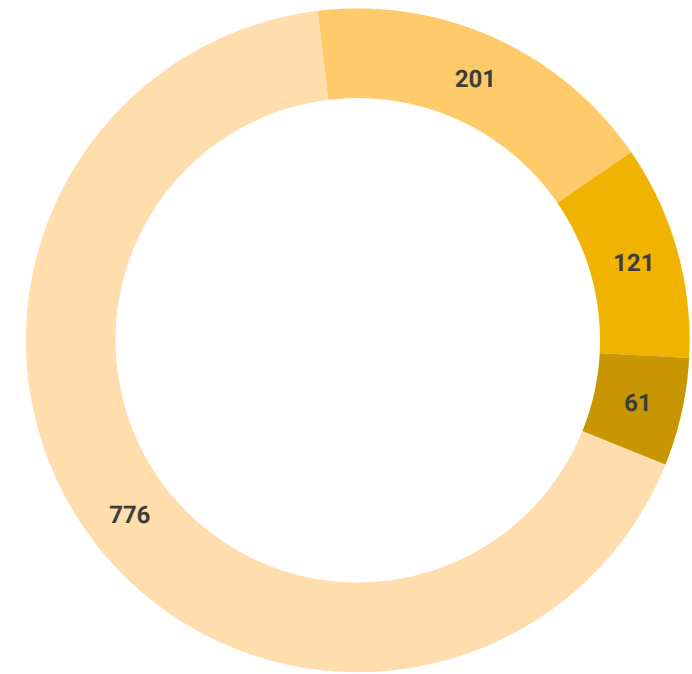
## NUMBER OF ASSETS

### BY ASSET CLASS



Therapeutics Diagnostics Medical Devices Technologies

### THERAPEUTICS IN DEVELOPMENT BY DEVELOPMENT PHASE



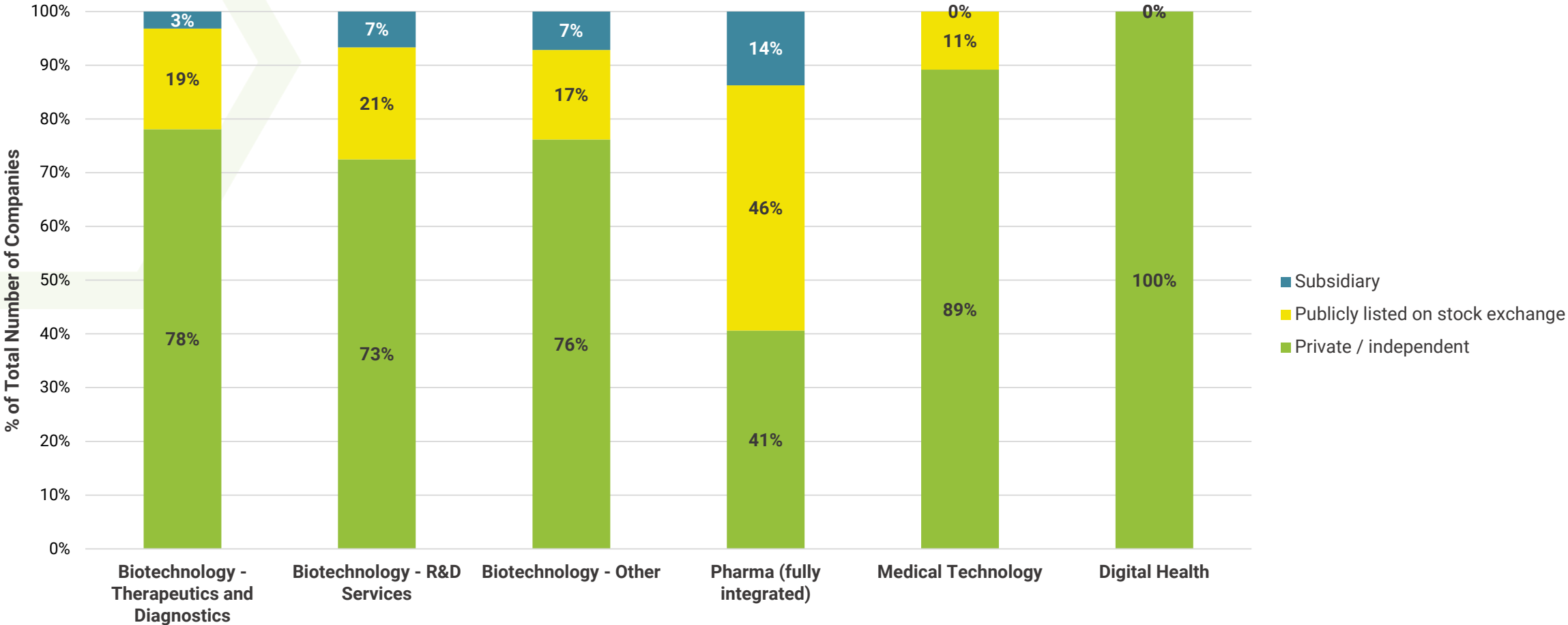
Preclinical Phase I Phase II Phase III

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

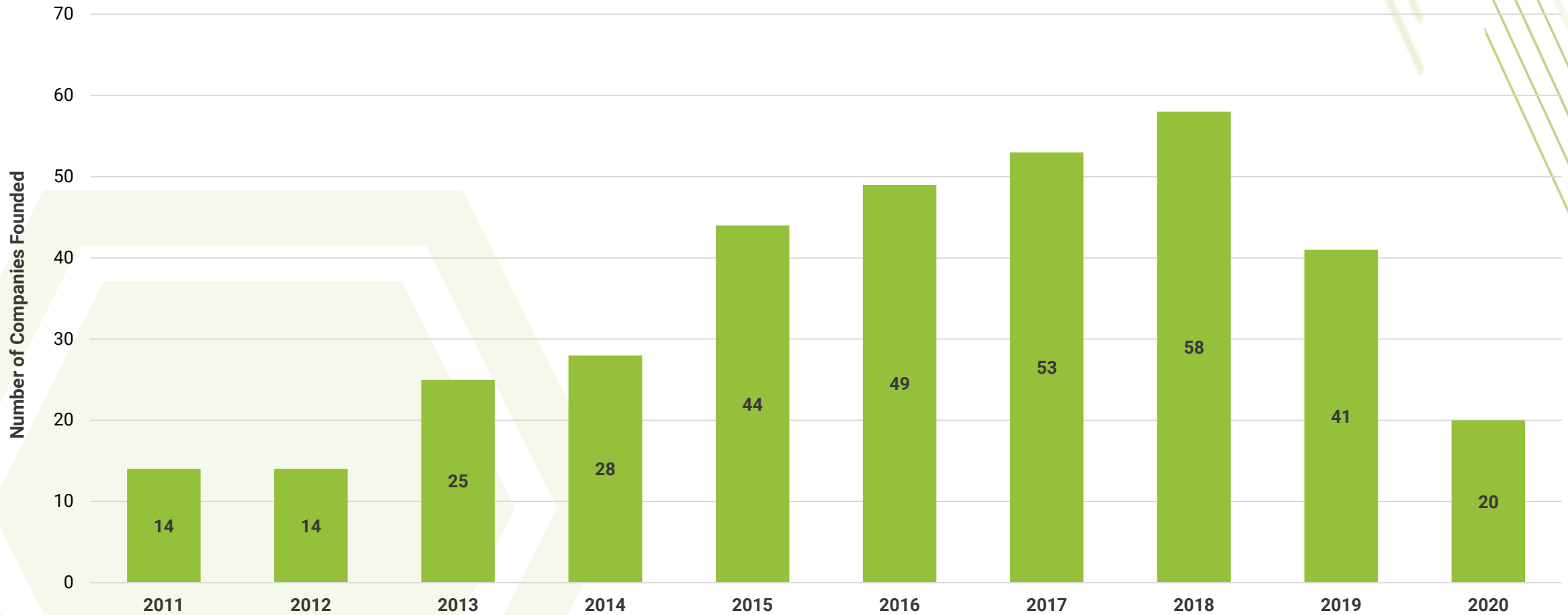
## PERCENTAGE OF TOTAL NUMBER OF COMPANIES BY OWNERSHIP AND SECTOR



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

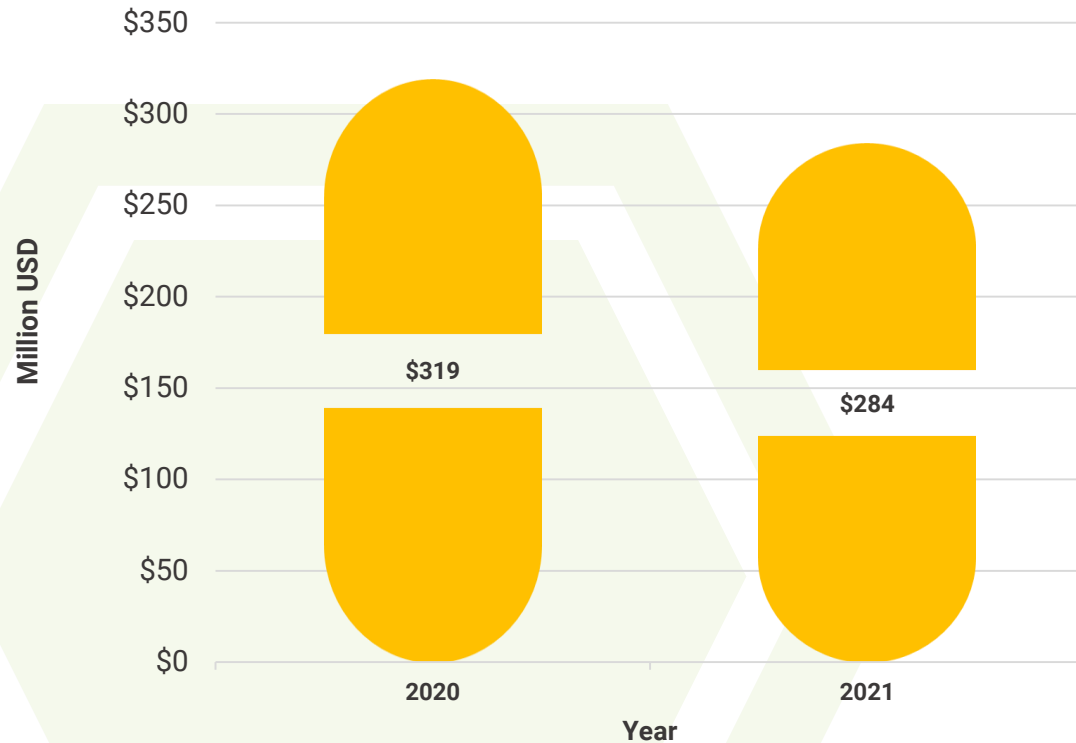


The graph contains the number of privately owned or publicly listed (no subsidiaries) life science companies founded by year including Biotech – Therapeutics and Diagnostics, Biotech - R&D Services, Biotech – Others, Pharma, Medical Technology and Digital Health companies. **Companies founded in 2021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



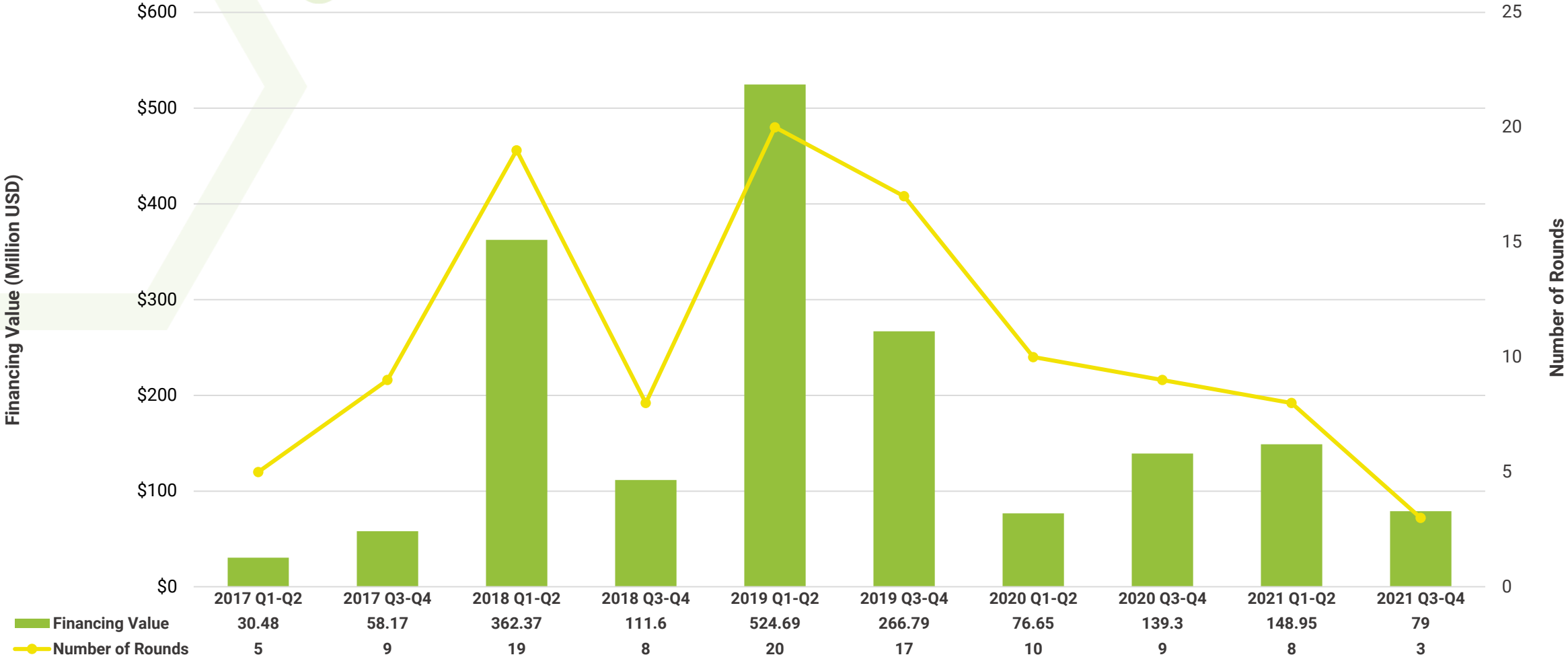
### BIOTECH COMPANIES



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). 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
D&D Pharmatech	Biotech - Therapeutics	Series C	\$51
Standigm, Inc.	Biotech – R&D Services	Unknown	\$45
Mitoimmune Therapeutics	Biotech - Therapeutics	Series B	\$25
LISCure Biosciences Co., Ltd.	Biotech - Therapeutics	Series B	\$21
JD Bioscience Inc.	Biotech - Therapeutics	Series B	\$18

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 64,000 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 24,000 **licensing deals** and a **clinical trial database** containing over 799,000 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

Virtual business development & licensing event  
Aug 29 – Sep 2, 2022



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## BIOTECHGATE

*c/o Venture Valuation VV AG*

Kasernenstrasse 11

8004 Zurich

SWITZERLAND



+41 (43) 321 86 60



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