

# LIFE SCIENCE TREND ANALYSIS

UNITED KINGDOM | 2024



VENTURE VALUATION  
GLOBAL VALUATION SERVICES



JUNE 2024

# 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 UK Biotech Database is a part of the global Biotechgate and is brought to you in partnership with HIRANI, OBN and One Nucleus.

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



**OBN** is a not-for-profit member organisation whose core purpose is to catalyse success in life sciences. We do this through supporting the UK ecosystem and our membership network of ~500 companies and an engaged community of over 11,000 contacts, comprising R&D SMEs, pharma companies, investors, science parks, professional services companies, TTOs and emerging entrepreneurs. Our three Core Promises to our R&D SME community is that we will help them to:

1. Save time and money (learning new skills & knowledge to support effective decision-making via our targeted events and training offerings, and saving ~45% off lab equipment & consumables through our Purchasing Consortium);
2. Make connections (through attending any of the 50+ events we run each year, attracting over 4,000 delegates with another 6,000+ partnering opportunities);
3. Get investment (via interactions with the investor community at our BioSeed and BioTrinity events, attracting 200+ R&D SMEs and 500+ investors)

For more information about joining OBN contact [membership@obn.org.uk](mailto:membership@obn.org.uk) or browse [obn.org.uk](http://obn.org.uk)

# OUR PARTNERS



**One Nucleus** is a not-for-profit Life Sciences & Healthcare membership organisation headquartered in Cambridge. We support institutions, companies and individuals in the Life Sciences sector providing local, UK-wide and international connectivity.

Through providing the local, UK-wide and international connectivity, One Nucleus seeks to enable our members to maximise their performance. This support helps them achieve, or better still exceed, the goals they have set for themselves. Biomedical and Healthcare R&D have always been impactful in driving social and economic progress. In an increasingly outsourced, collaborative and multi-disciplinary sector, bringing the best people together is key to translating great innovation into great products that markedly improve patient outcomes and drive economic development. Attracting and enabling the best people to engage with is at the heart of the One Nucleus team ethos and what we continually strive to deliver.



# OUR PARTNERS



## **Health Innovation Research Alliance – Northern Ireland Mission & Vision:**

HIRANI is a not-for-profit alliance which builds strategic relationships across the ecosystem and across borders to unlock growth and collaboration between academia, health, business and government.

Our vision is for Northern Ireland to be recognised as an interconnected region for world class life sciences research, development, manufacturing & commercialisation - delivering health improvements and economic growth.

### Values

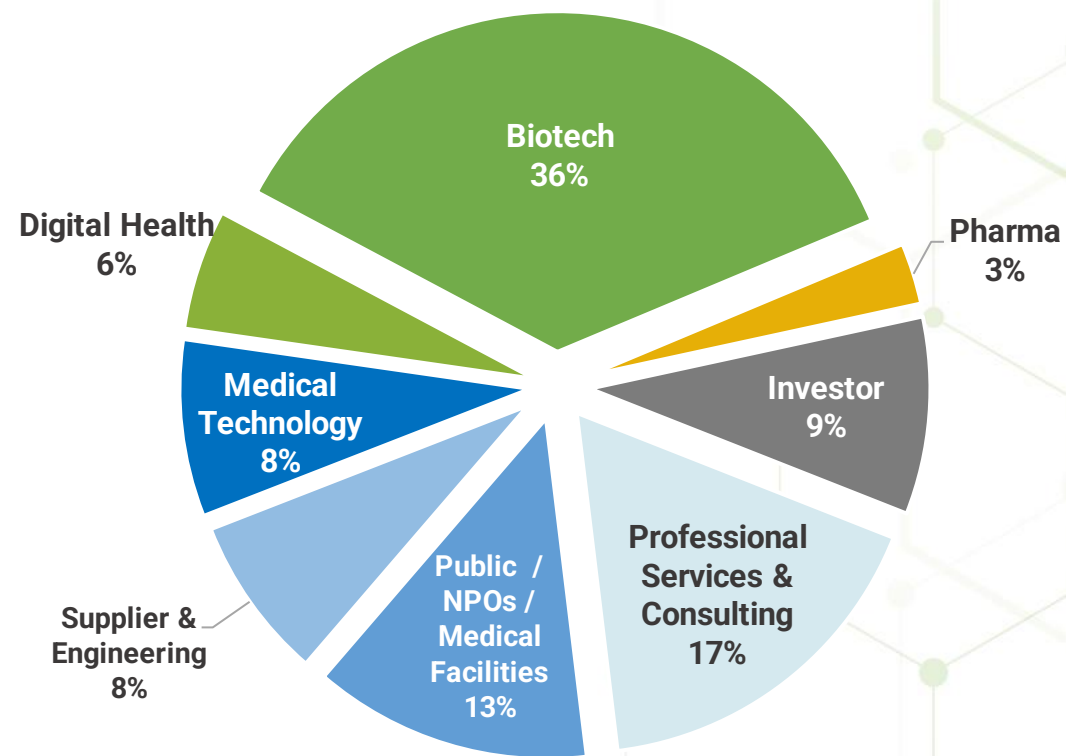
**Advocate** - Act as a voice for the NI life and health sciences sector to promote and strategically position NI's capabilities both nationally and internationally for investment and growth.

**Collaborate** - Drive connectivity to develop an environment in NI that mobilises life sciences collaboration to create cross-sector partnerships and culture which encourages entrepreneurialism.

**Integrate** - Provide an informed front door to navigate the health innovation ecosystem and align strengths with vision in relation to the rest of the UK & Ireland.

# OVERVIEW OF THE LIFE SCIENCE INDUSTRY

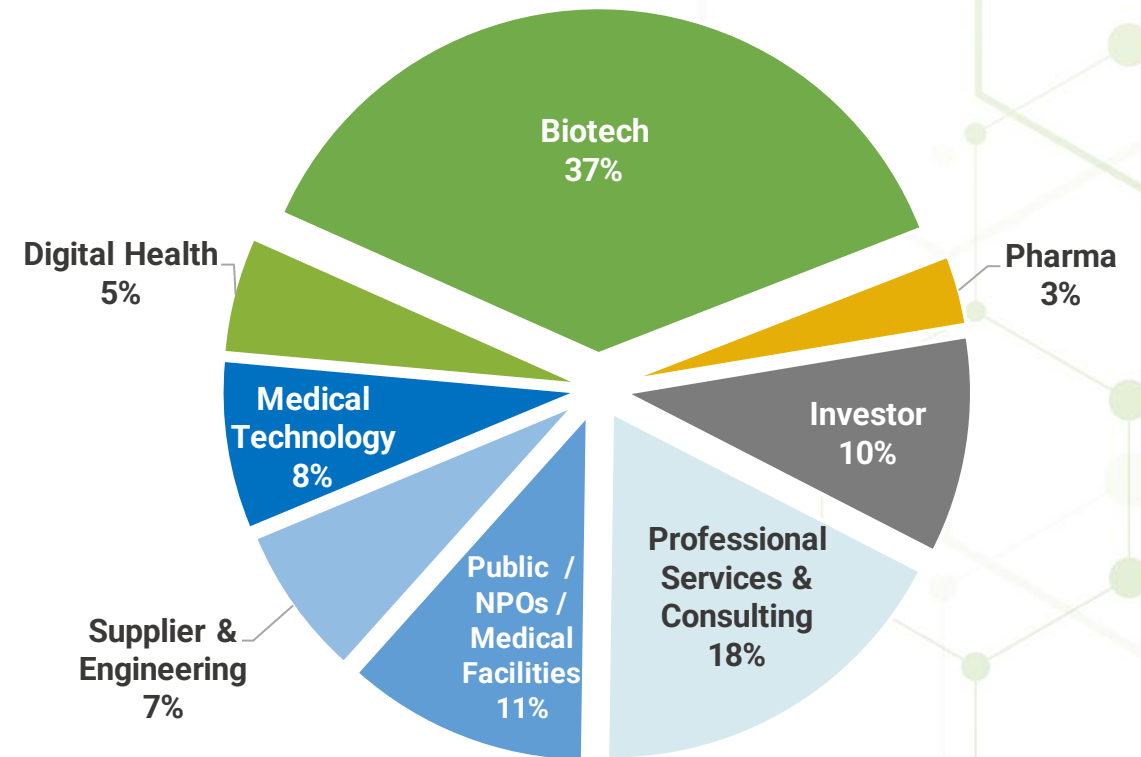
## NUMBER OF COMPANIES BY SECTOR



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. \*Other life science related companies include supplier & engineering, professional services & consulting, media and public / non-profit organizations / medical facilities. Professional services & consulting includes 23 companies of the category "Media". Percentage value is expressed as % of total number of companies. Information displayed may alter as new information is received continuously

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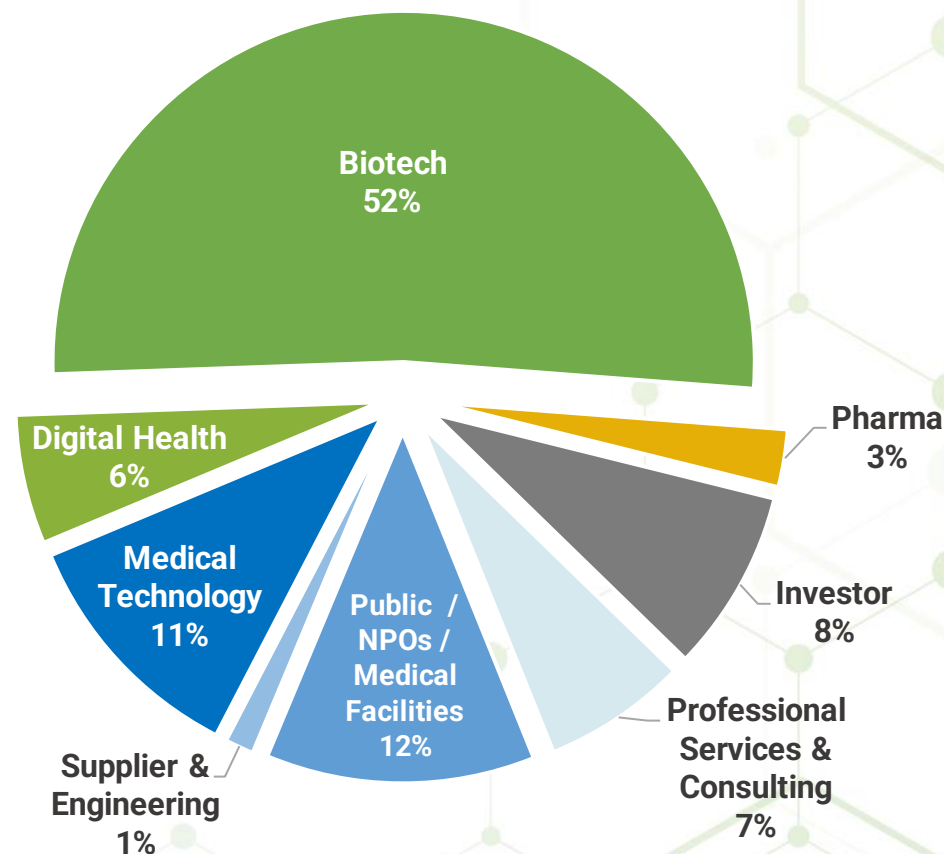
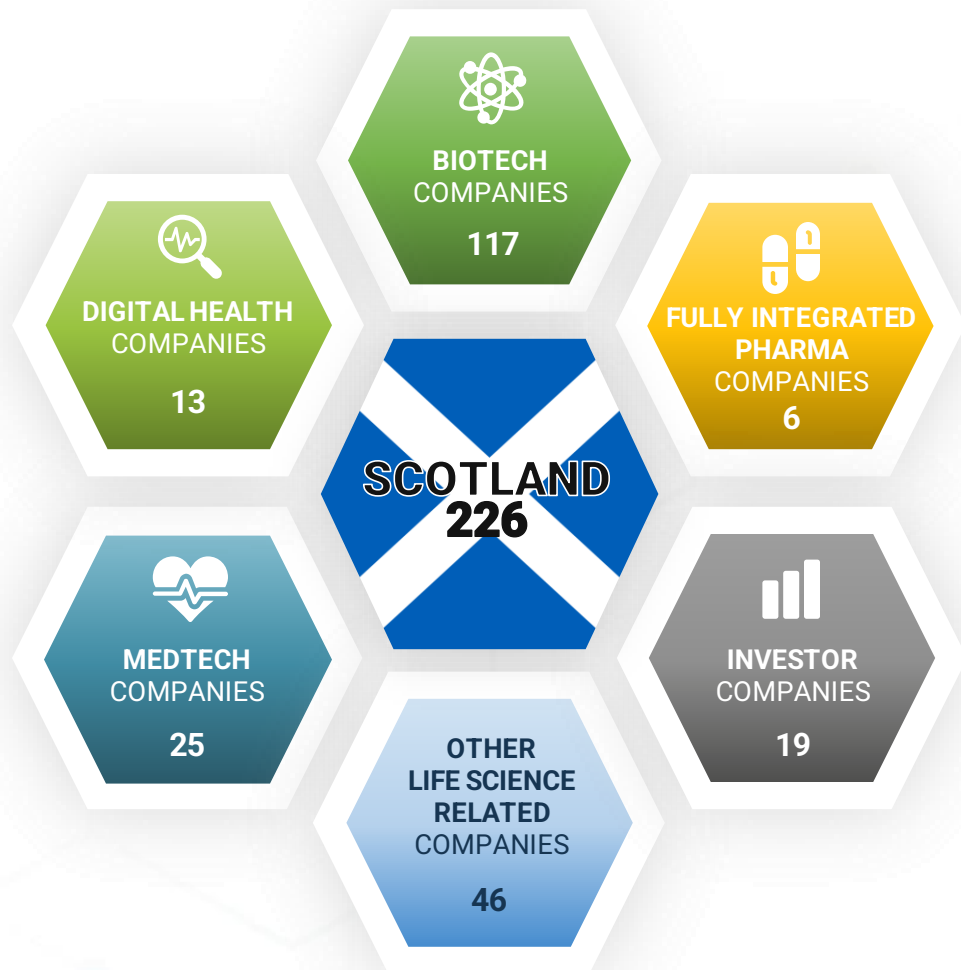
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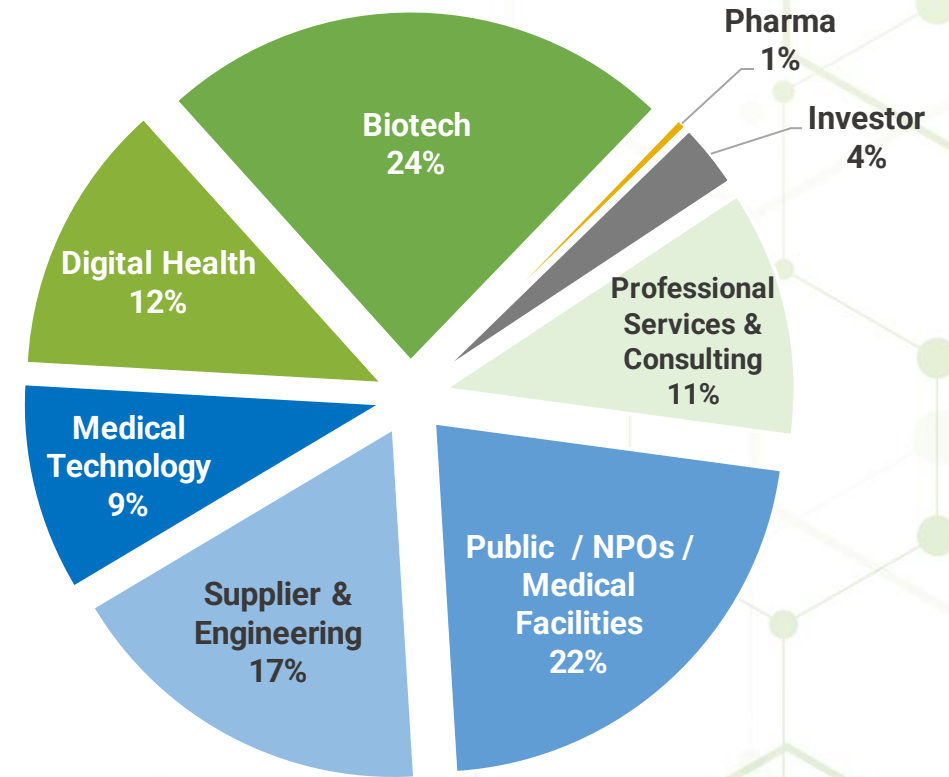


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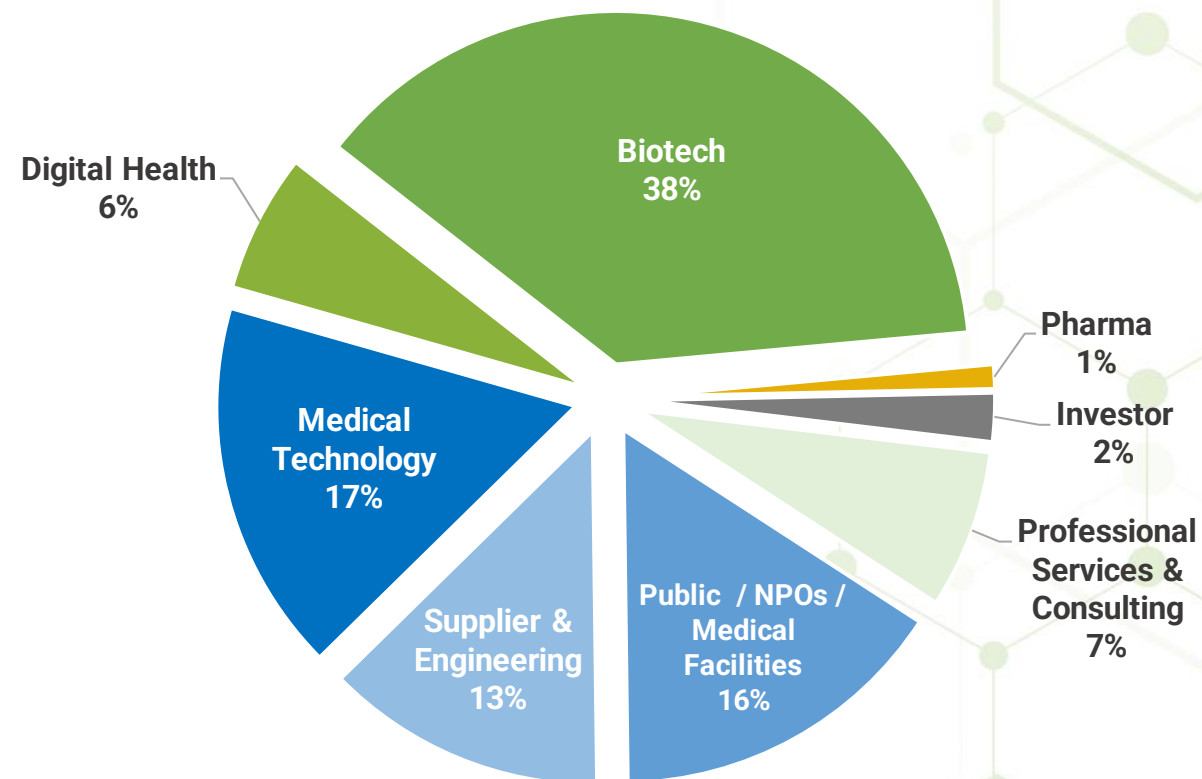
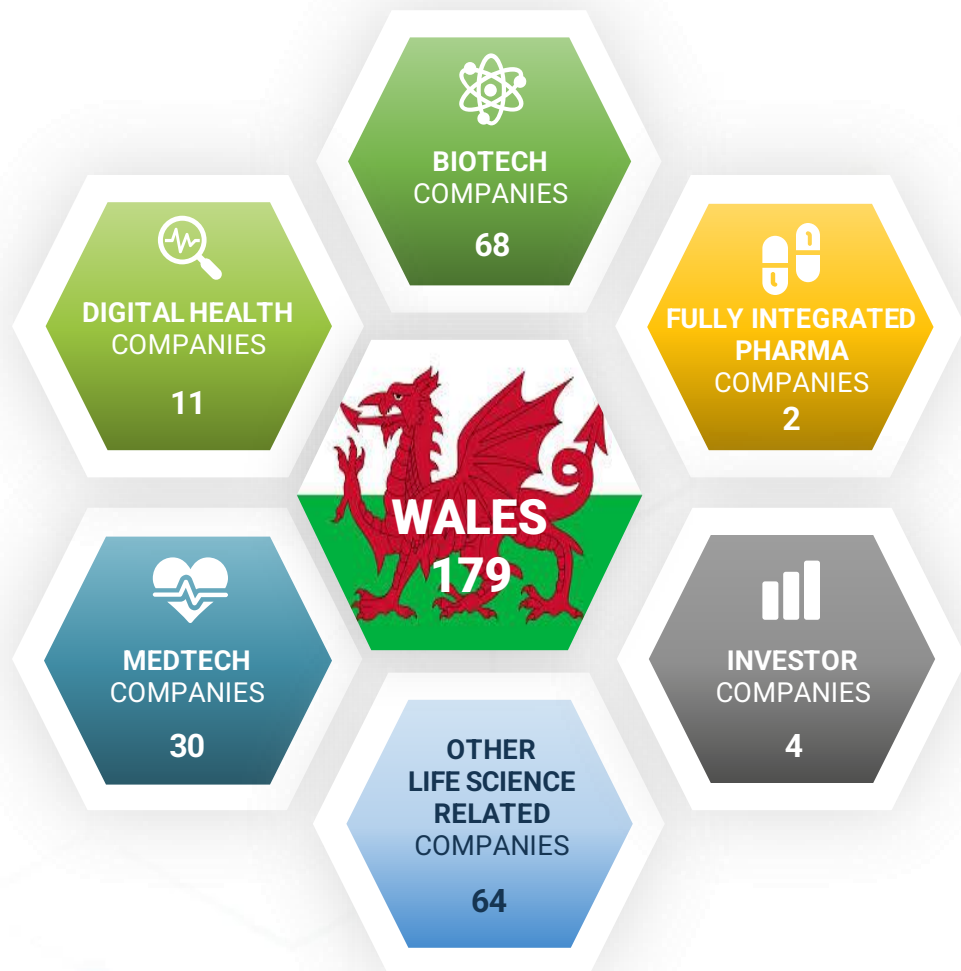
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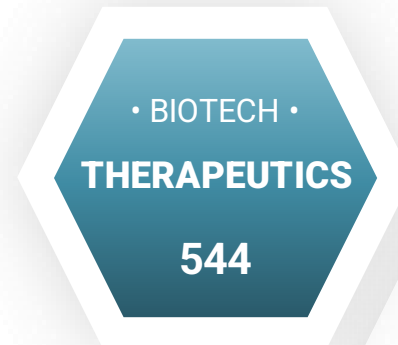
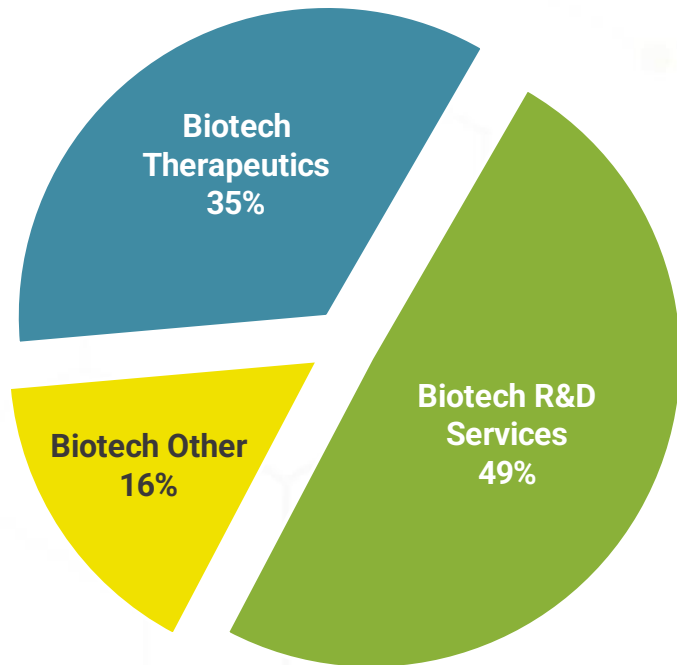
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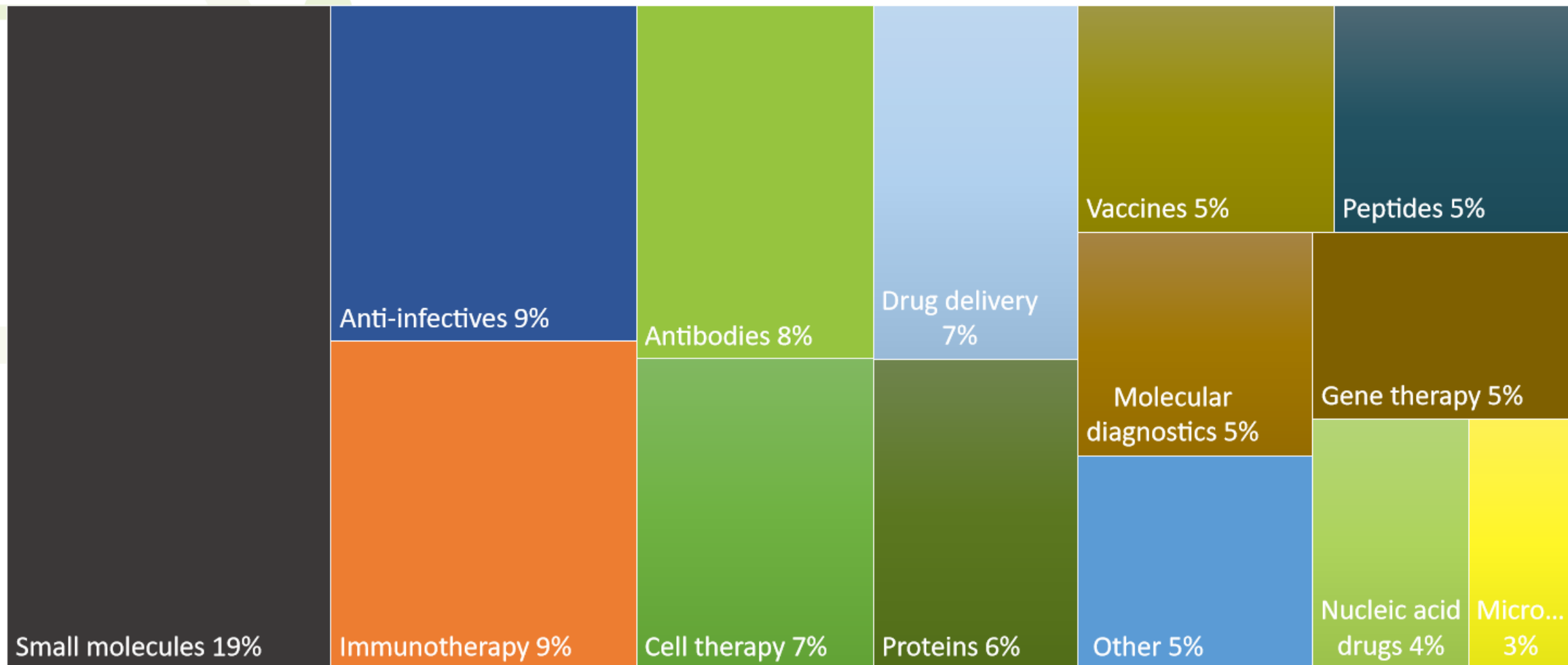
# OVERVIEW OF BIOTECH COMPANIES

## NUMBER OF COMPANIES BY SECTOR



# BIOTECH - THERAPEUTICS COMPANIES BY KEY ACTIVITIES

AS PERCENTAGE OF TOTAL NUMBER OF BIOTECH - THERAPEUTICS COMPANIES

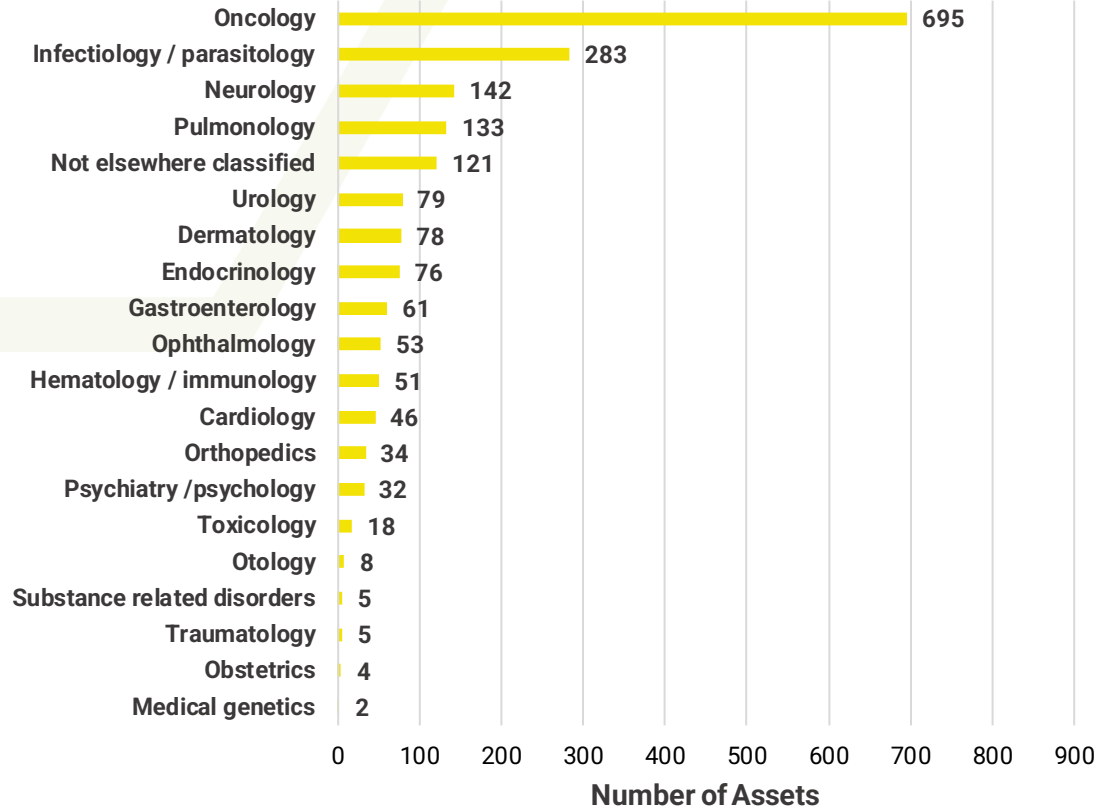


For 544 Biotech Therapeutics companies there were 976 subsectors (key activity areas) assigned (one biotech company can be active in multiple areas). The graph displays Biotech – Therapeutics and Diagnostics subsectors as the percentage of the total number of Biotech – Therapeutics and Diagnostics subsectors with exclusion of the category Others. 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.

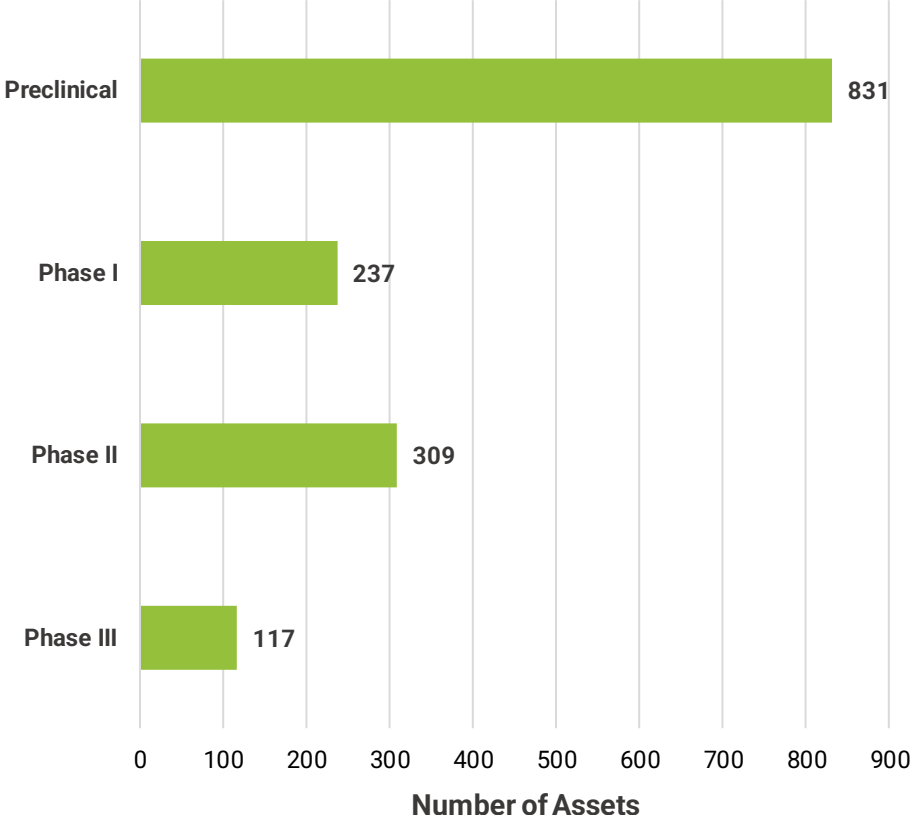
# BIOTECH ASSETS IN CLINICAL DEVELOPMENT

BY INDICATION AND DEVELOPMENT PHASE

BREAKDOWN BY INDICATION



BREAKDOWN BY DEVELOPMENT PHASE

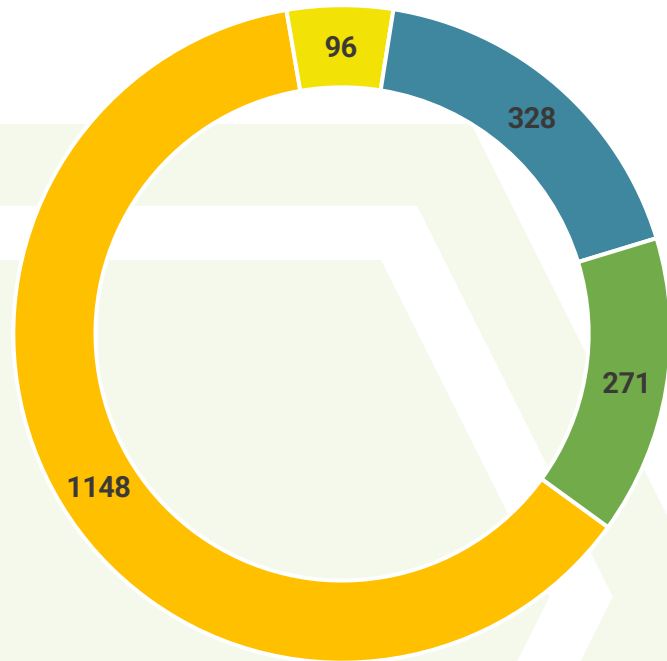


Both graphs contain the number of assets of Biotech – Therapeutics and Diagnostics companies (excl. of Pharma or Biotech – Others or Biotech R&D Services companies). Products in Discovery and Lead Optimization Phase are merged into Preclinical; Development Phase I/II trials are merged into Phase II and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

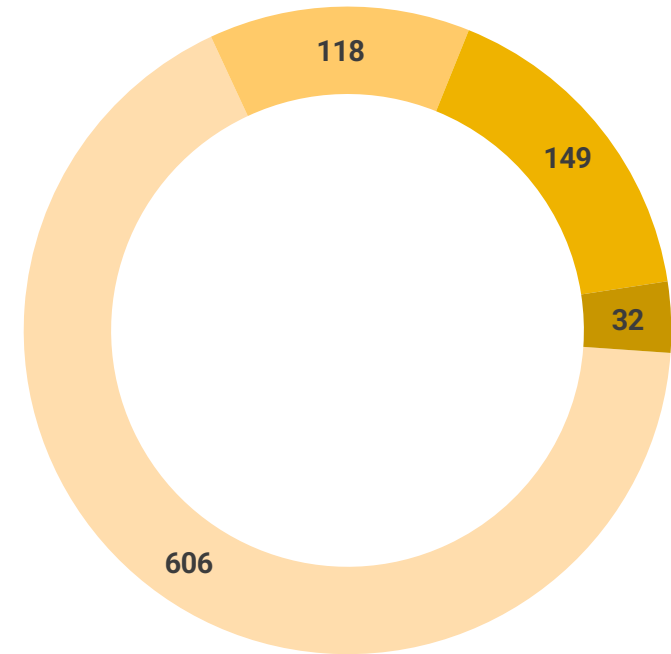
## NUMBER OF ASSETS

### BY ASSET CLASS



■ Therapeutics ■ Diagnostics ■ Medical Devices ■ Technologies

### THERAPEUTICS IN DEVELOPMENT BY DEVELOPMENT PHASE

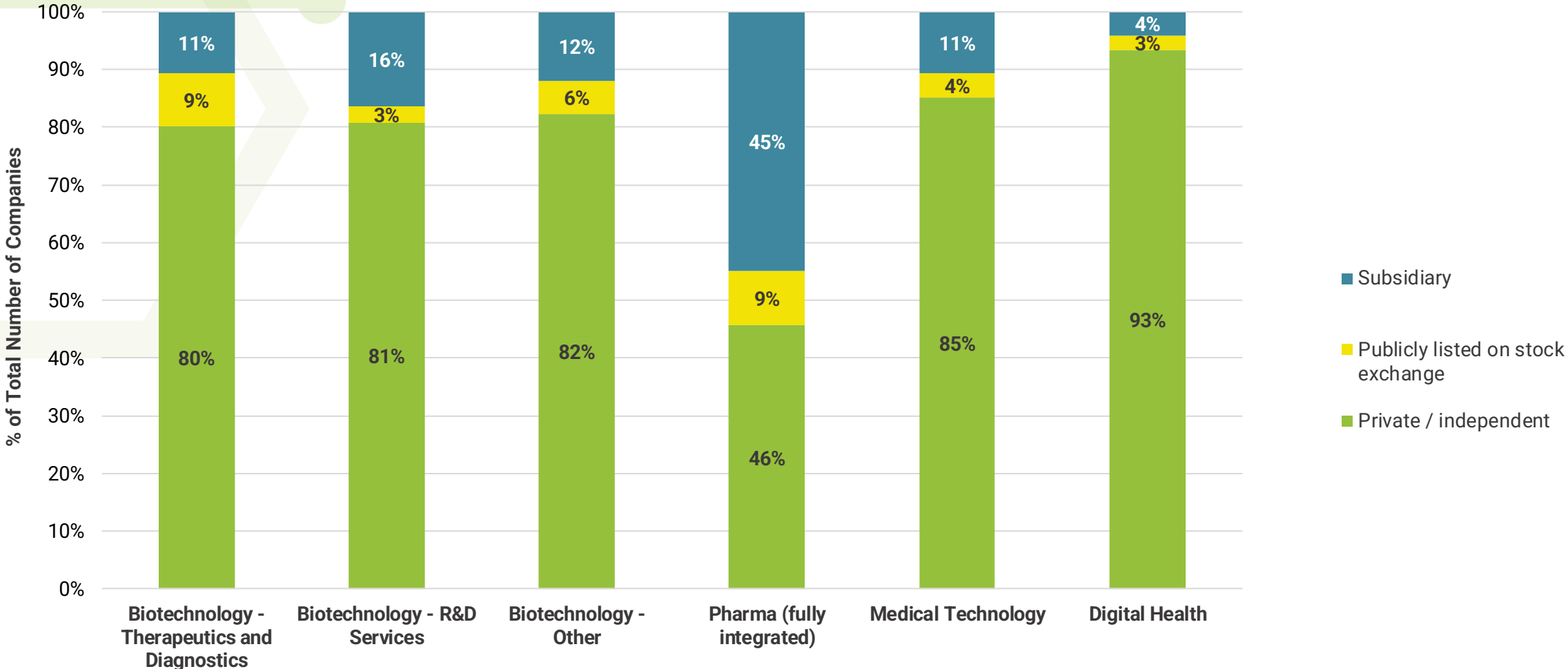


■ Preclinical ■ Phase I ■ Phase II ■ Phase III

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

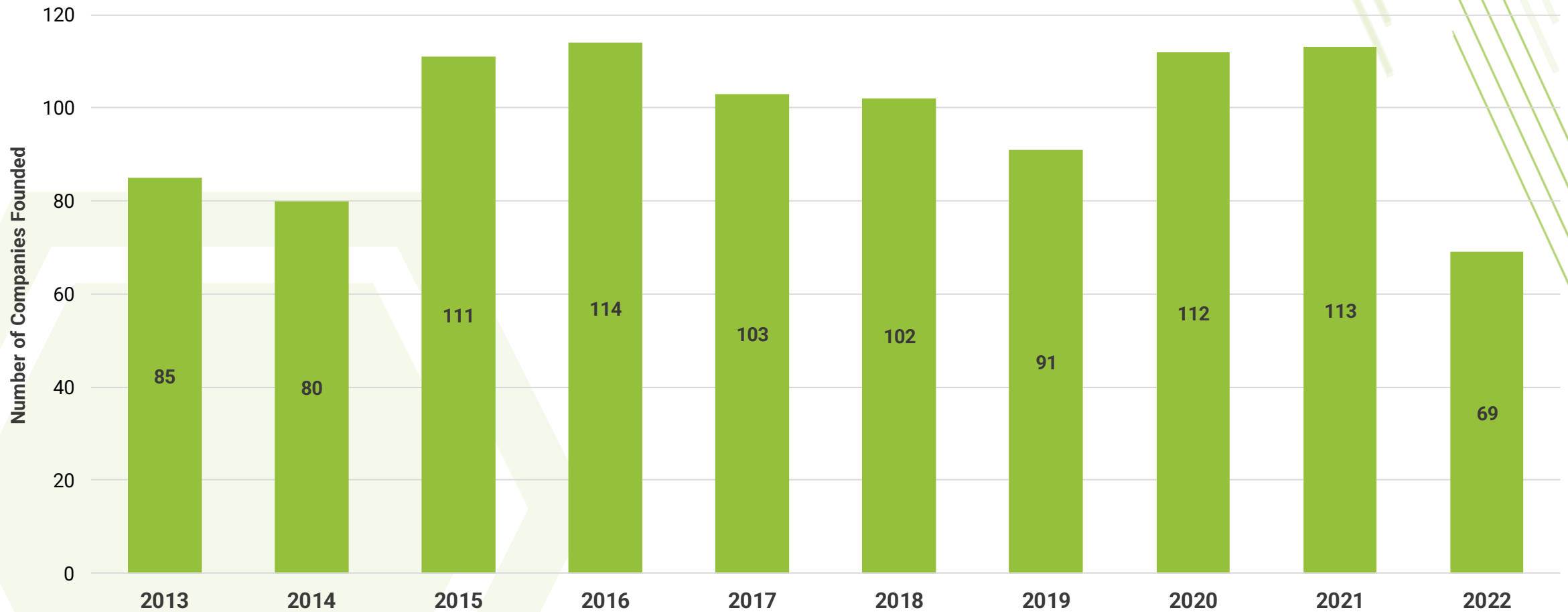
## PERCENTAGE OF TOTAL NUMBER OF COMPANIES BY OWNERSHIP AND SECTOR



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). 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 | 2013-2022



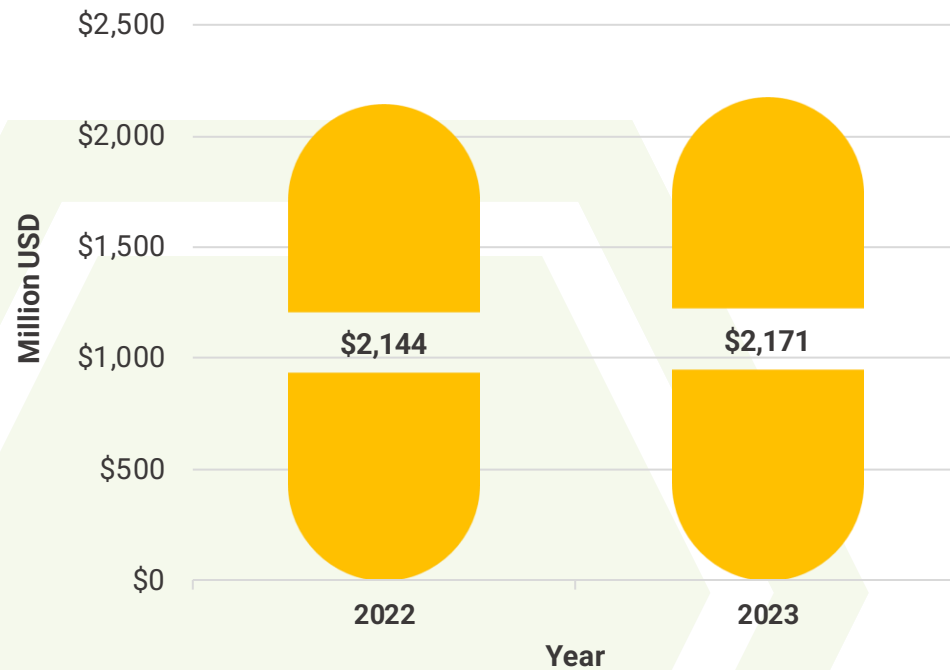
The graph contains the number of privately owned or publicly listed (no subsidiaries) life science companies founded by year including Biotech - Therapeutic and Diagnostic, Biotech - R&D Services, Biotech - Others, Pharma, Medical Technology and Digital Health companies. **Companies founded in 2023 were 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 | 2022-2023

### LIFE SCIENCE COMPANIES



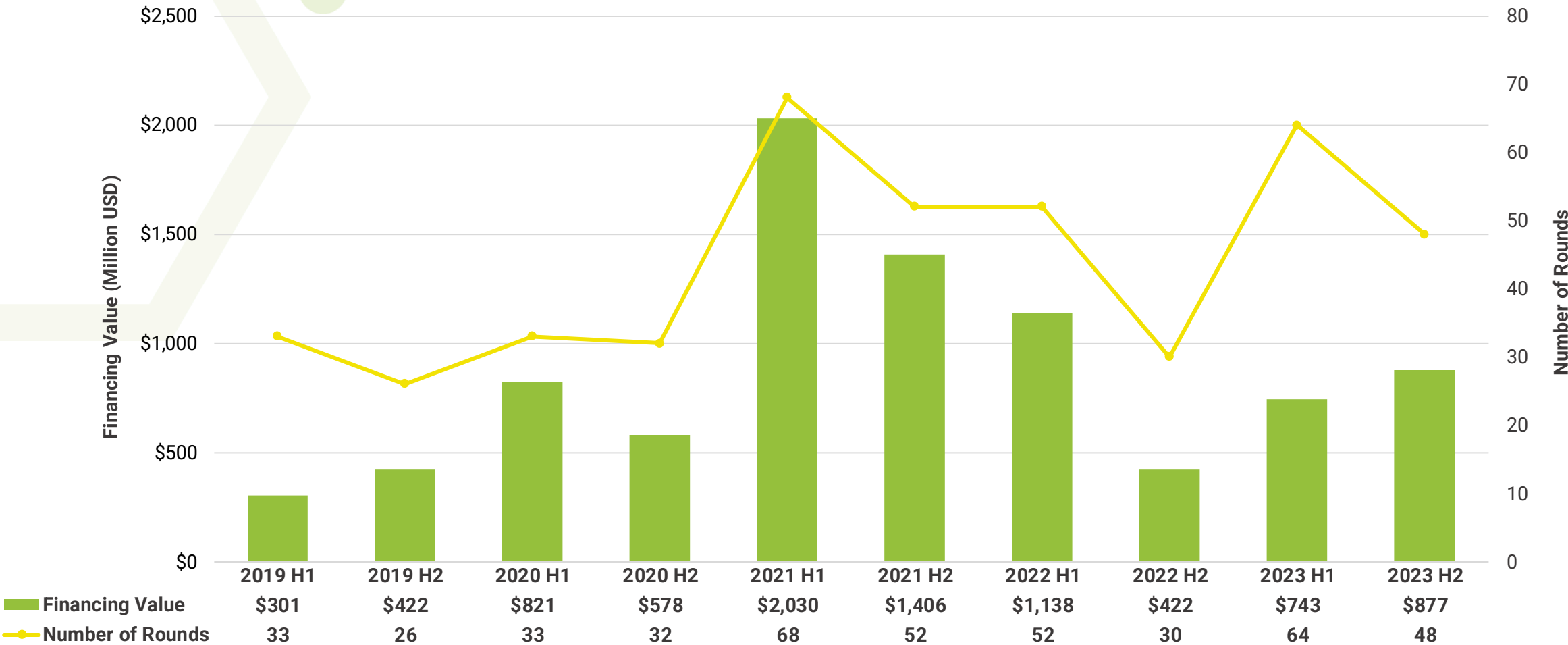
### BIOTECH COMPANIES



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- Therapeutic and Diagnostic, Biotech- R&D Services, Biotech – Others. Financing data only includes private equity rounds (excl. private placements in public companies) of biotech companies (incl. therapeutic and diagnostic, R&D services and others). Data may alter as new information is continuously received and/or new tranches to existing financing rounds are added.

# LIFE SCIENCE IPOs






NUMBER OF LIFE SCIENCE COMPANIES THAT WENT PUBLIC 2019-2023



Included are Biotech – Therapeutics and Diagnostics, Biotech – R&D Services, and Other Biotech companies, Pharma (fully integrated), Medical Technology, and Digital Health companies. 2023 is omitted as there are no companies that went public in that year.

# MAJOR BIOTECH VENTURE FINANCING ROUNDS (2023)

## TOP 5 PRIVATE EQUITY FINANCING ROUNDS | 2023

Company		Sector	Most Advanced Asset Phase	Type of Round	USD M
Apollo Therapeutics		Biotech – Therapeutics	I	Series C	\$226.5
Ascend Gene & Cell Therapies		Biotech – R&D Services	N/A	Series A	\$117.5
Complement Therapeutics Ltd		Biotech – Therapeutics	Preclinical	Series A	\$78.2
Tenpoint Therapeutics		Biotech - Therapeutics	N/A	Series A	\$70
Unibio International plc		Biotech – Other	N/A	Unknown	\$70

The table shows the five biggest private equity financing rounds (excl. IPOs, research grants, loans) of private and independent biotech companies in 2023. Information displayed in the table may alter as new information is continuously received and/or new tranches to existing financing rounds are added.

# MAJOR BIOTECH M&A DEALS (2023)

## TOP 5 M&A DEALS | 2023

Target	Buyer	USD M
<b>Abcam PLC</b> 	Danaher Corporation 	\$5700
BELLUS Health Inc. 	GSK plc 	\$2000
CinCor Pharma 	AstraZeneca PLC 	\$1800
<b>Amryt Pharma plc</b> 	Chiesi Farmaceutici S.p.A. 	\$1475
Icosavax, Inc. 	AstraZeneca PLC 	\$675

The table shows the M&A deals of private and independent companies in 2023. Information displayed in the table may alter as new information is continuously received.

# ABOUT BIOTECHGATE



**Biotechgate** is a leading **business development and licensing database** for the entire life science industry, offering a wealth of information on over 60,000 life science company profiles. Thanks to its unique data sourcing process, the profiles include company descriptions, contact information, product pipeline information, financing rounds, and management details, making it an invaluable resource for big pharma, start-ups, investors, and other industry professionals. Biotechgate also features 44,000 **licensing deals** and a **clinical trials database** containing over 840,000 records from registries 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 26 – 30, 2024



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

# TERMS OF USE

The Life Sciences Trend Analysis is based on data entered in the Biotechgate Database available at [www.biotechgate.com](http://www.biotechgate.com). The statistics and graphs in this presentation are based on figures and information entered in this database and we do not guarantee any accuracy hereof.

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