

LIFE SCIENCE TREND ANALYSIS

UNITED KINGDOM | 2023



VENTURE VALUATION
GLOBAL VALUATION SERVICES



Supporting The Life Sciences Industry

APRIL 2023

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



The UK Biotech Database is a part of the global Biotechgate and is brought to you in partnership with OBN.

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

OUR PARTNER



Supporting The Life Sciences Industry

OBN is a not-for-profit membership organisation supporting and bringing together the UK's life sciences companies, corporate partners and investors. The 400-plus Member companies are located across the Golden Triangle and beyond to Manchester, Nottingham, the Midlands, South Coast and Scotland, benefiting from OBN's networking, partnering, purchasing, training, advising and advocacy activities.

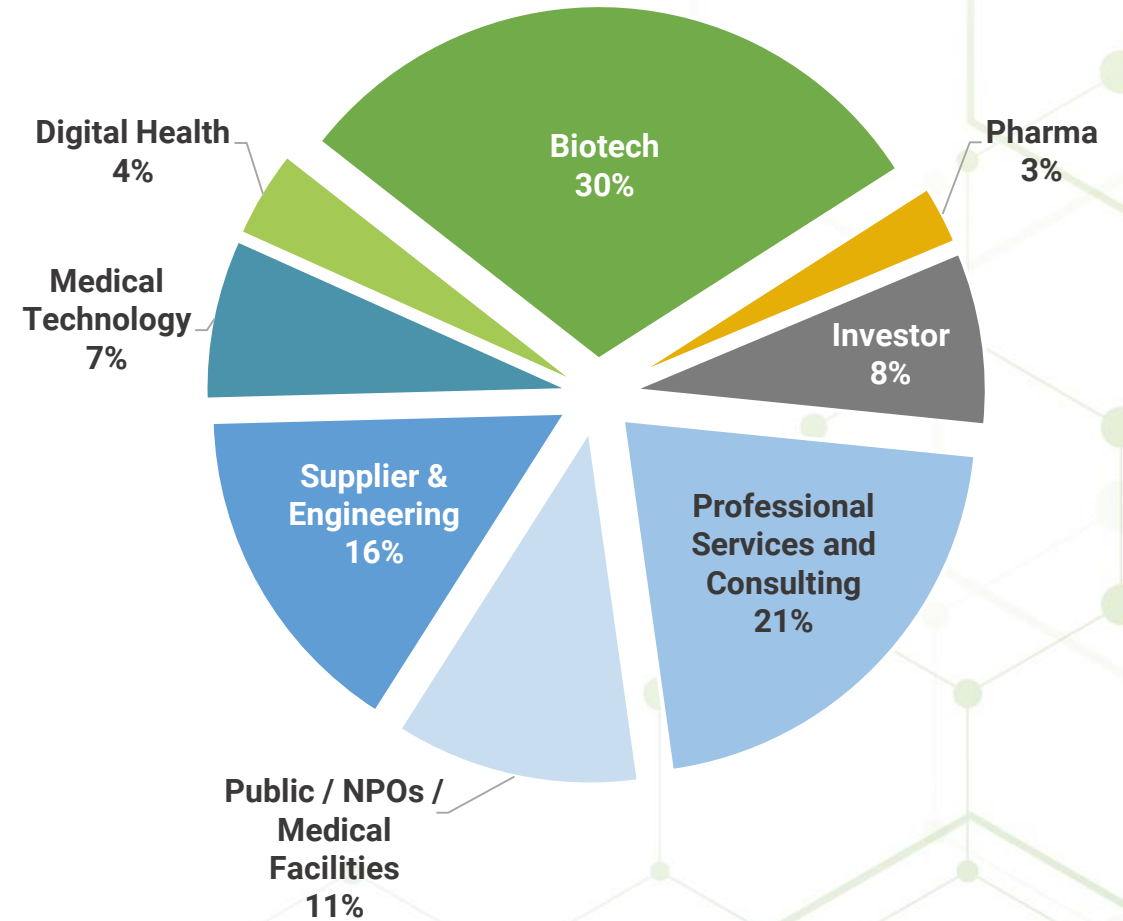
www.obn.org.uk

Biotechgate is the provider of the OBN Members Directory.

<https://www.obn.org.uk/obn-members-directory>

OVERVIEW OF THE LIFE SCIENCE INDUSTRY

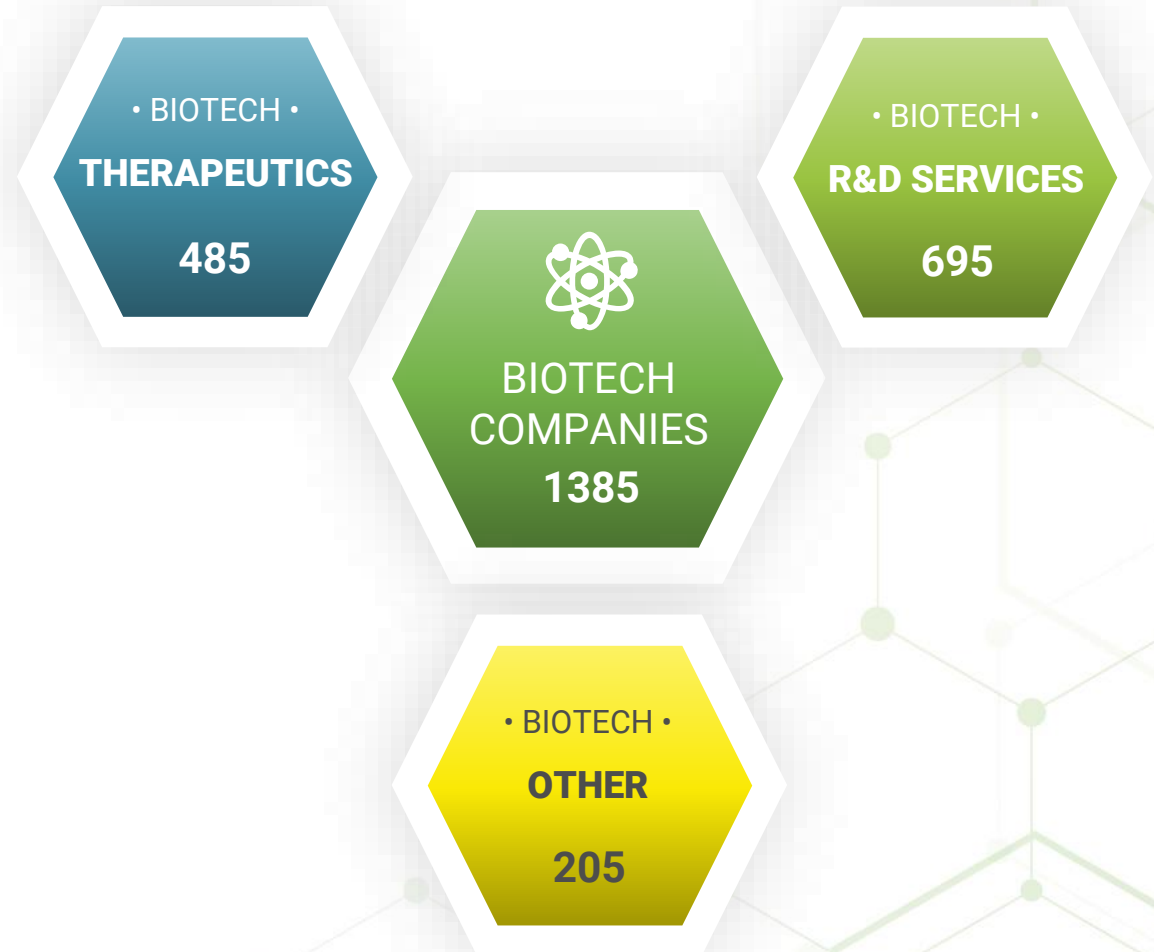
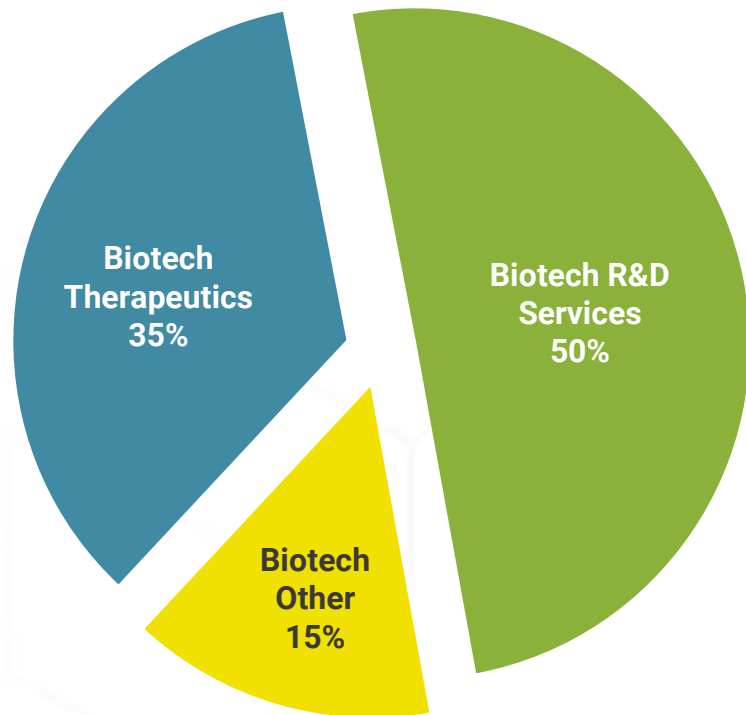
NUMBER OF COMPANIES BY SECTOR



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

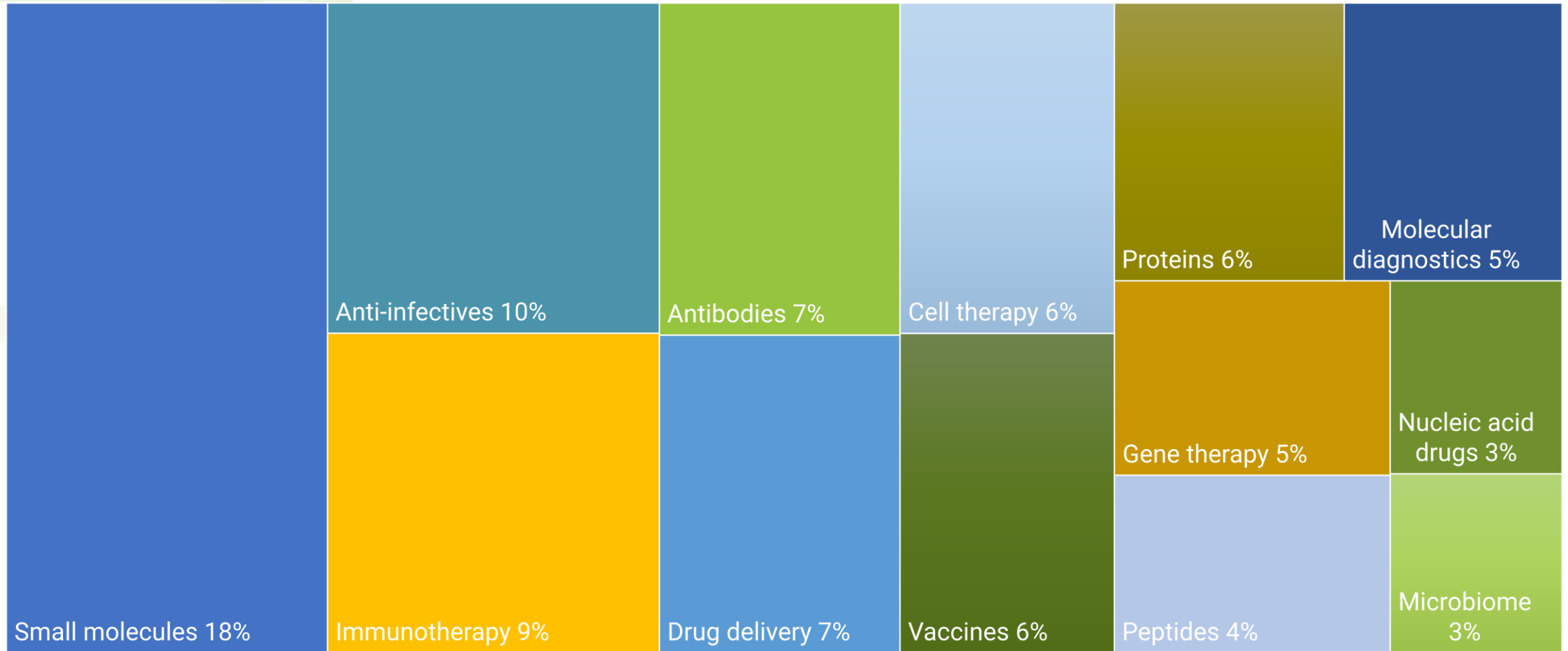
NUMBER OF COMPANIES BY SECTOR



For the definition of categories please visit www.biotechgate.com/web/cms/index.php/covered_industry_sectors.html. Biotech Therapeutics category is equal to Biotech – 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

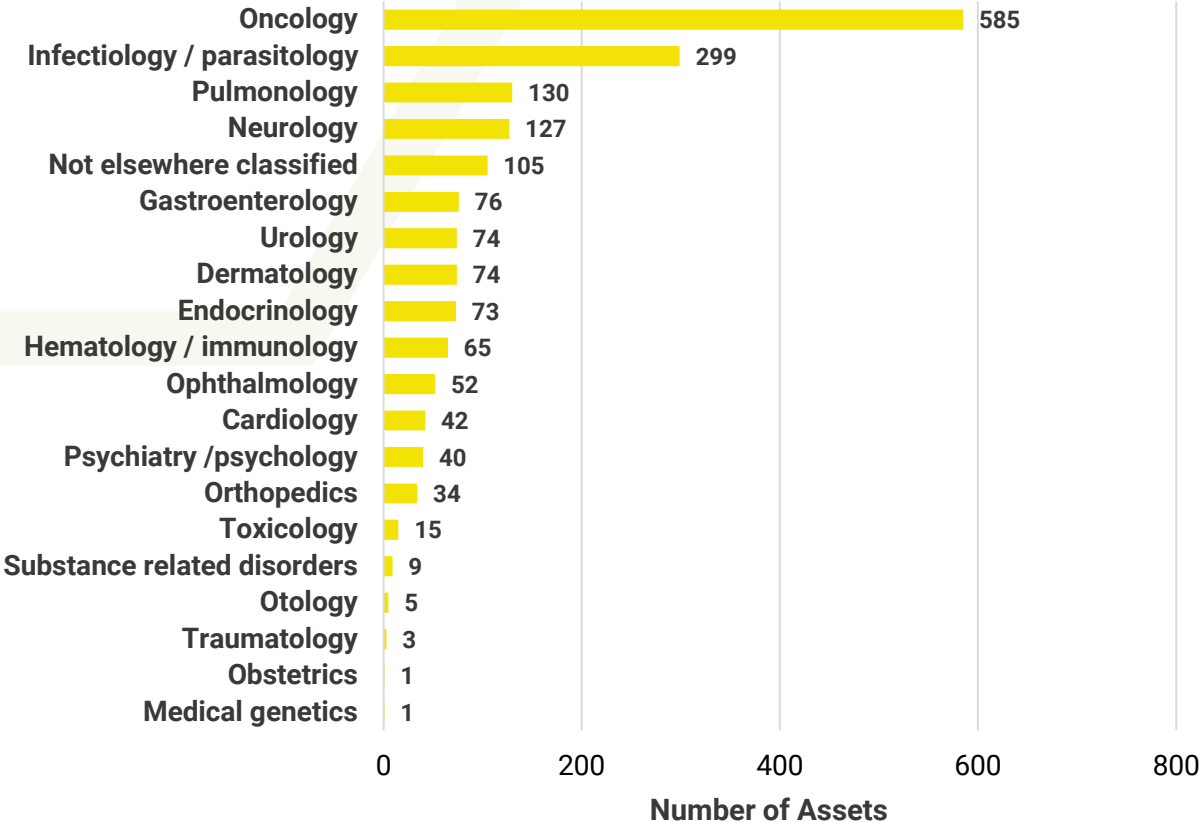


For **485** Biotech Therapeutics companies there were **856** subsectors (key activity areas) assigned (one biotech company can be active in multiple areas). The graph displays Biotech – Therapeutics and Diagnostics subsectors as the percentage of the total number of Biotech – Therapeutics and Diagnostics 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. 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

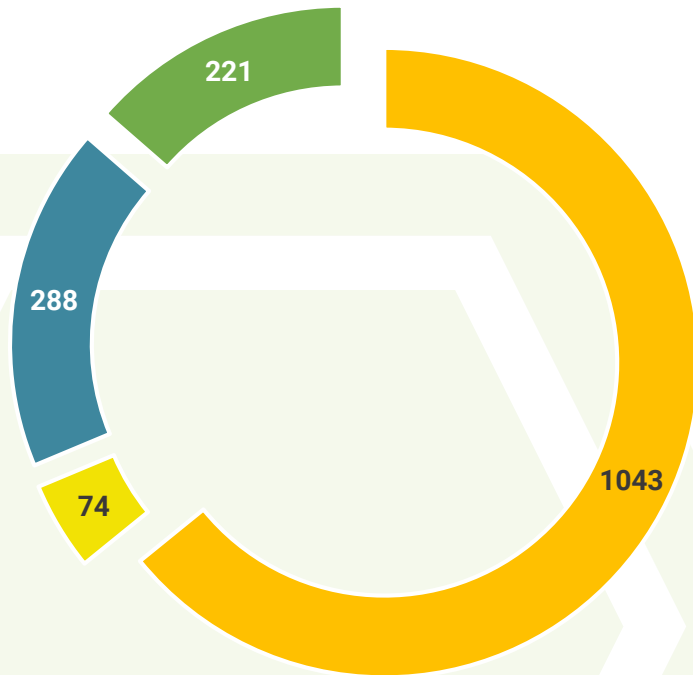


Both graphs contain the number of assets of Biotech – Therapeutics and Diagnostics companies (excl. of Pharma or Biotech – Others or Biotech R&D Services companies). Products in Discovery and Lead Optimization Phase are merged into Preclinical; Development Phase I/II trials are merged into Phase II and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

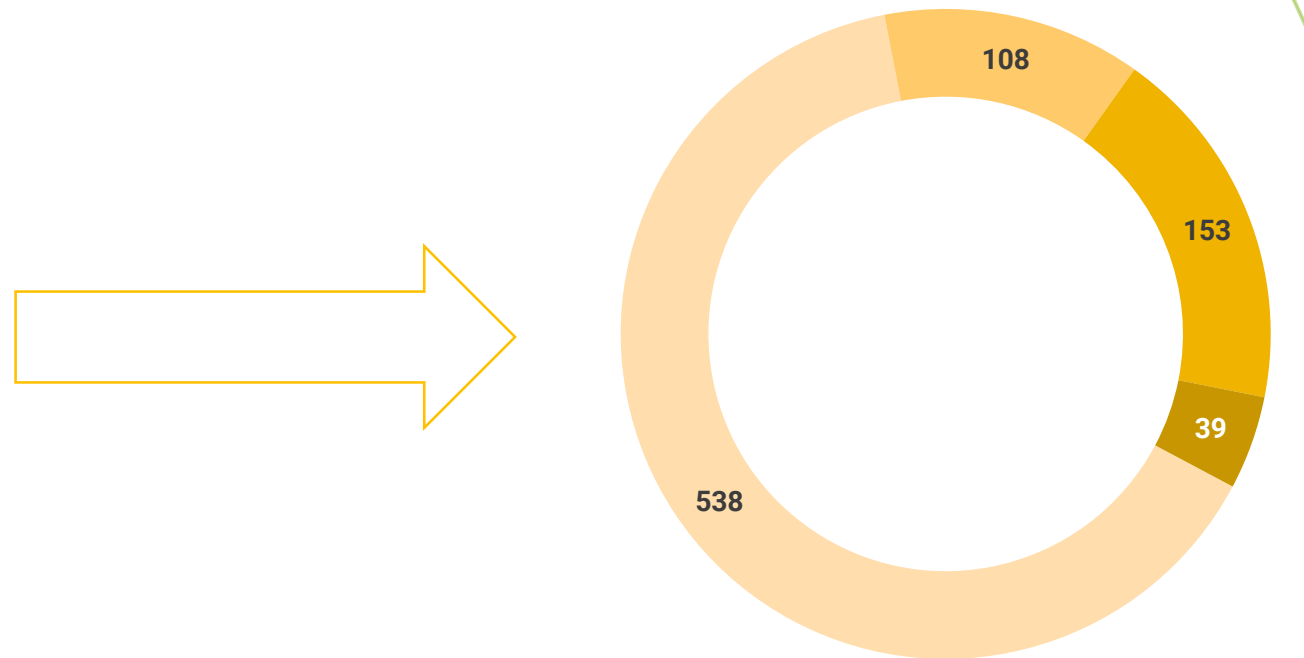
NUMBER OF ASSETS

BY ASSET CLASS



■ Therapeutics ■ Diagnostics ■ Medical devices ■ Technologies

THERAPEUTICS IN DEVELOPMENT BY DEVELOPMENT PHASE

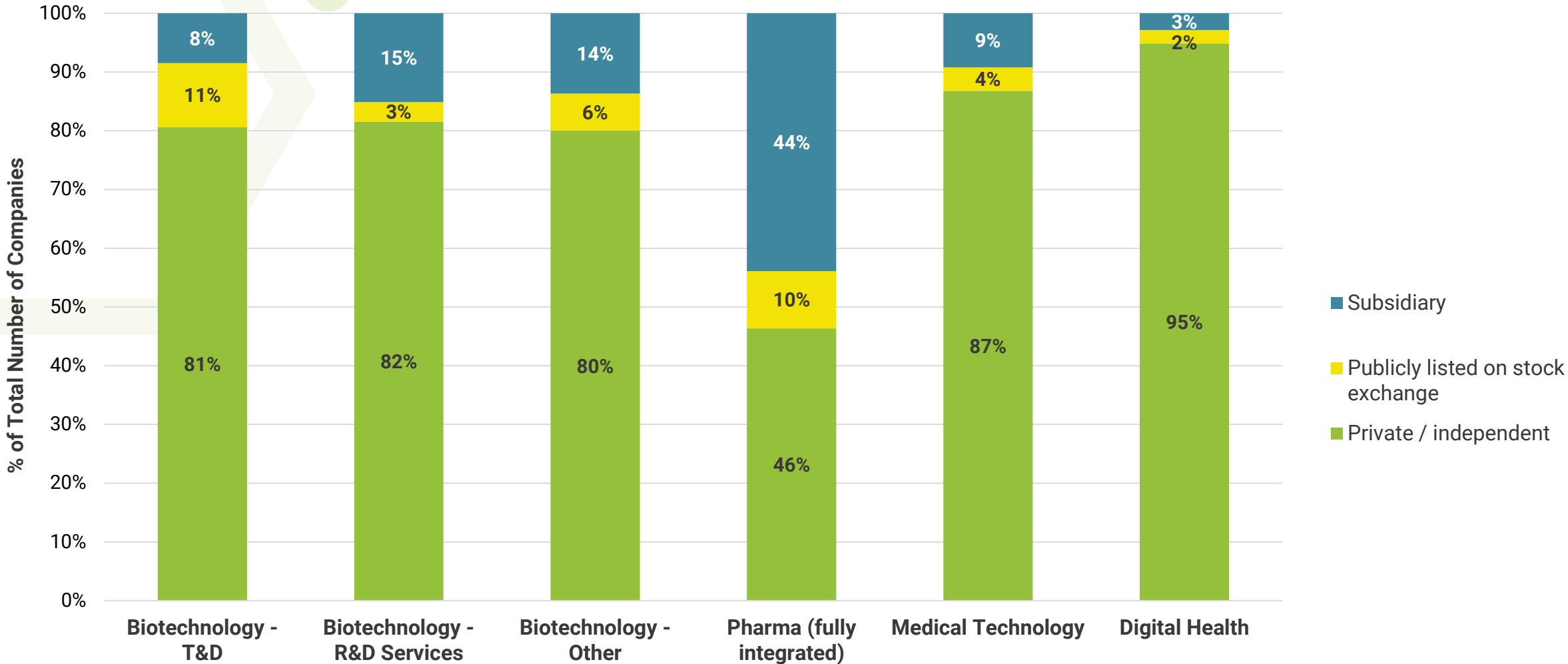


■ Preclinical ■ Phase I ■ Phase II ■ Phase III

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

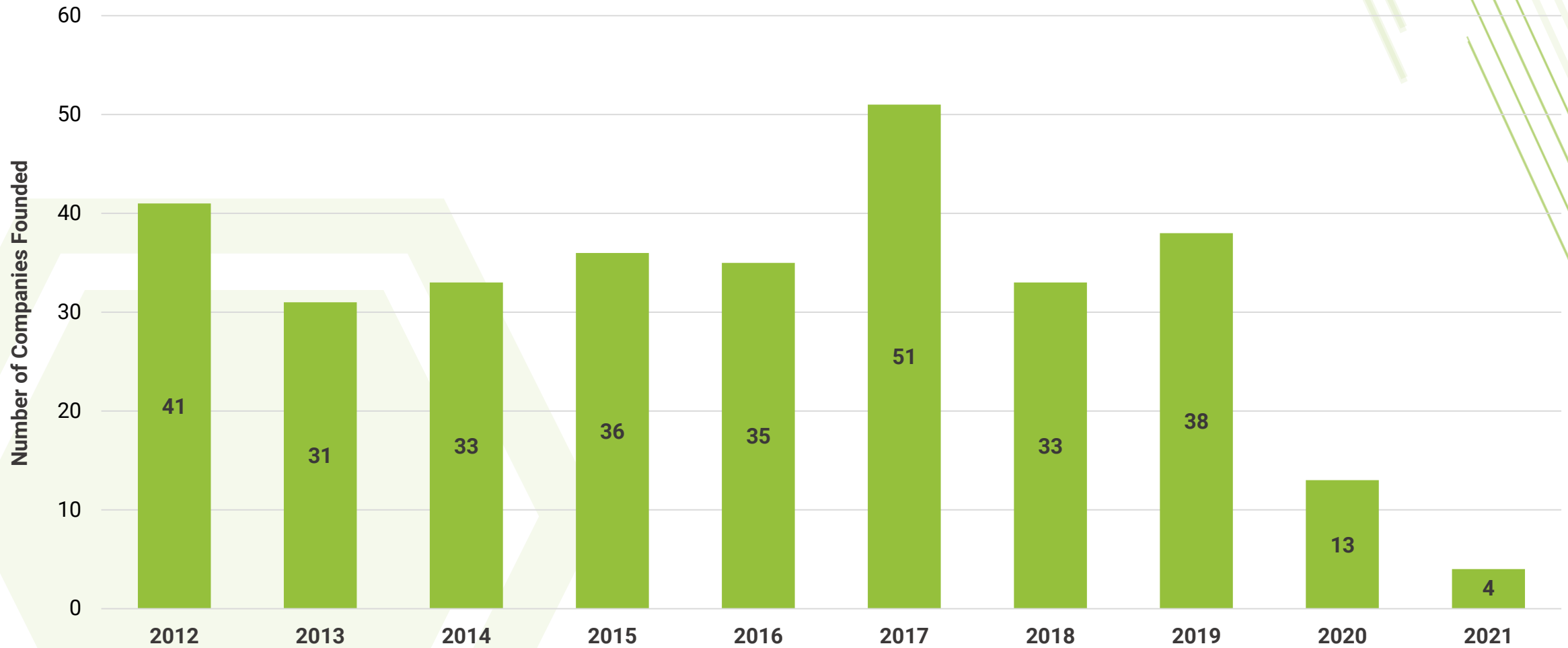
PERCENTAGE OF TOTAL NUMBER OF COMPANIES BY OWNERSHIP AND SECTOR



For the definition of categories please visit www.biotechgate.com/web/cms/index.php/covered_industry_sectors.html. Biotechnology - T&D stands for Biotechnology – 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 | 2012-2021

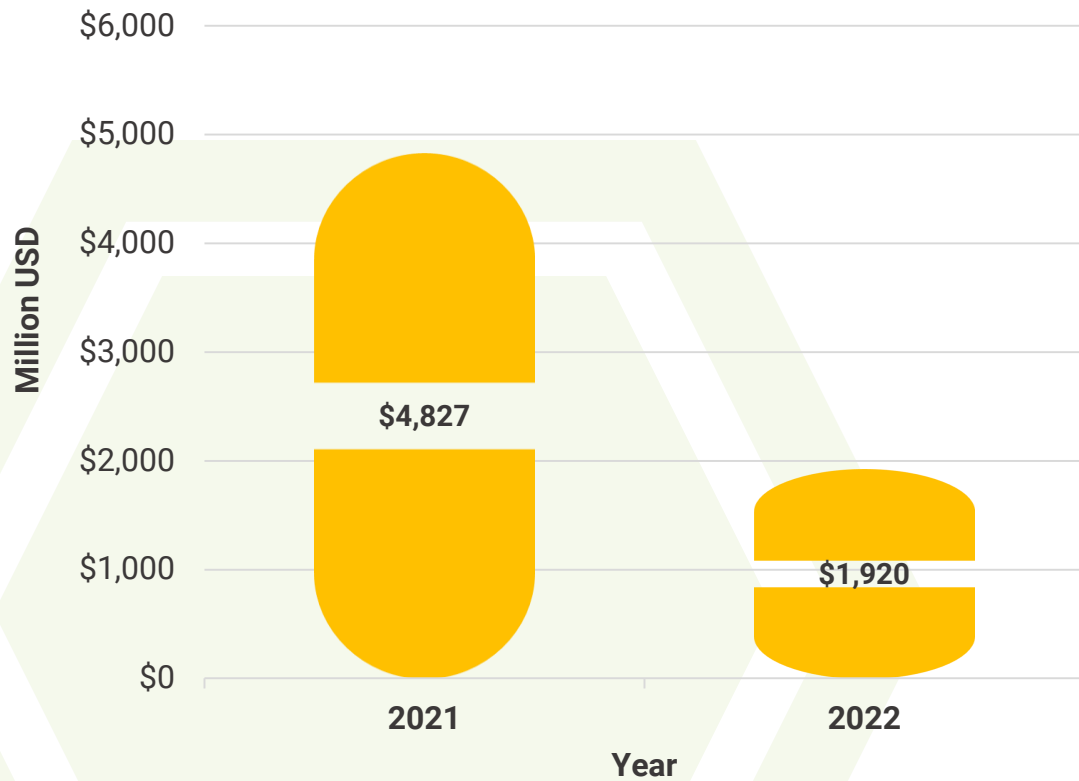


The graph contains the number of privately owned or publicly listed (no subsidiaries) life science companies founded by year including Biotech - Therapeutic and Diagnostic, Biotech - R&D Services, Biotech - Others, Pharma, Medical Technology and Digital Health companies. **Companies founded in 2022 were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

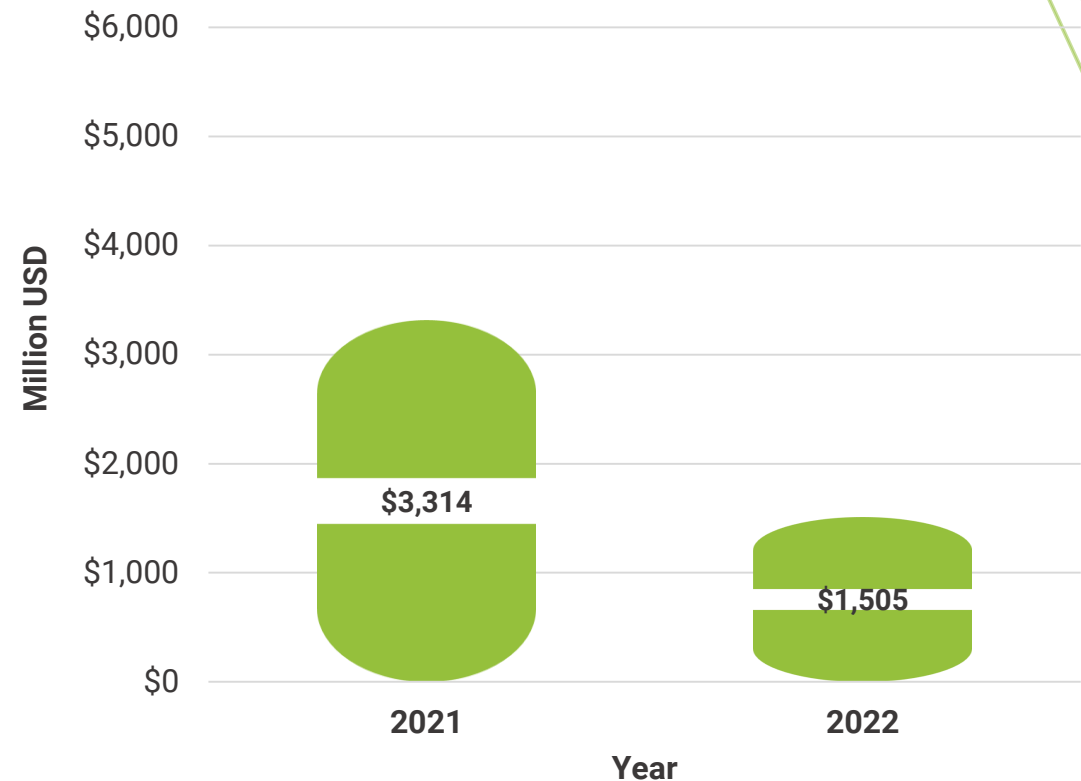
VENTURE FINANCING OF LIFE SCIENCE COMPANIES

PRIVATE EQUITY ROUNDS | 2021-2022

LIFE SCIENCE COMPANIES



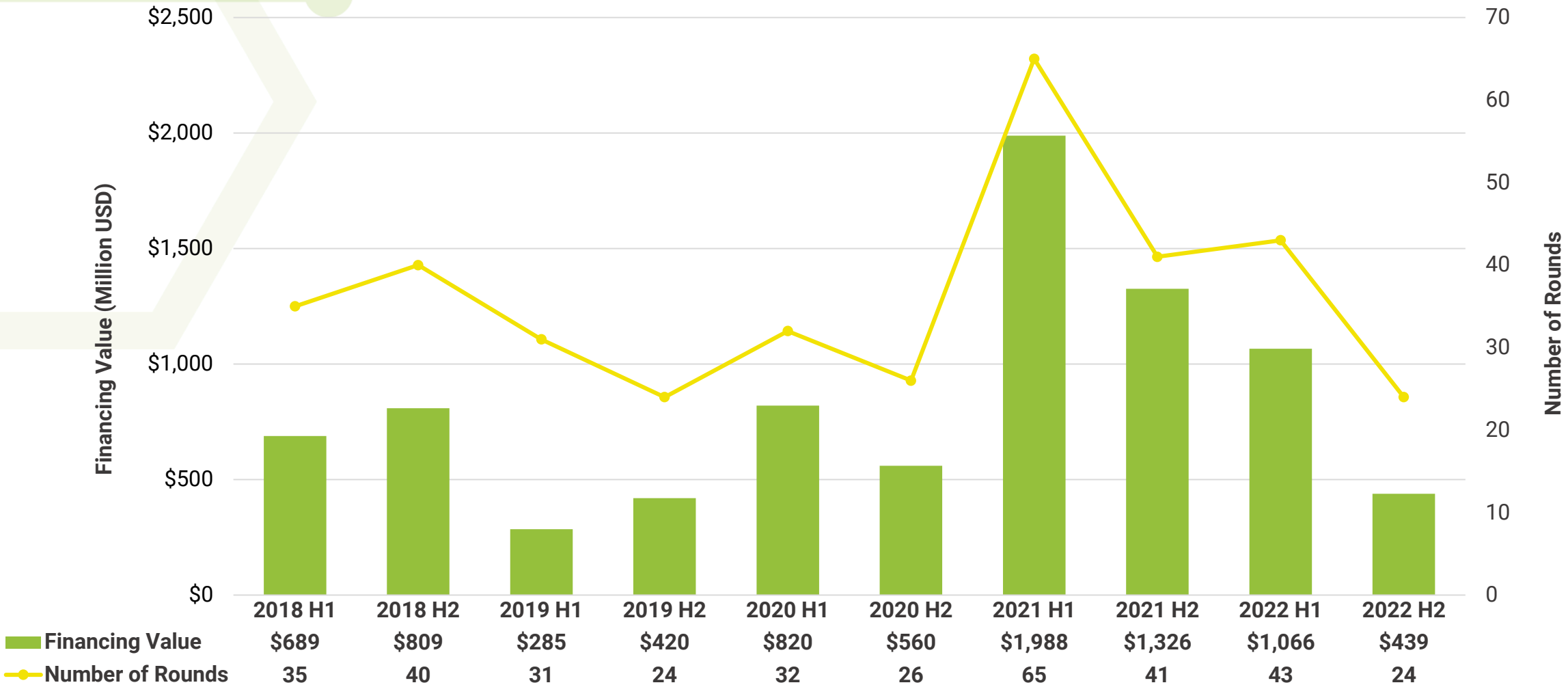
BIOTECH COMPANIES



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

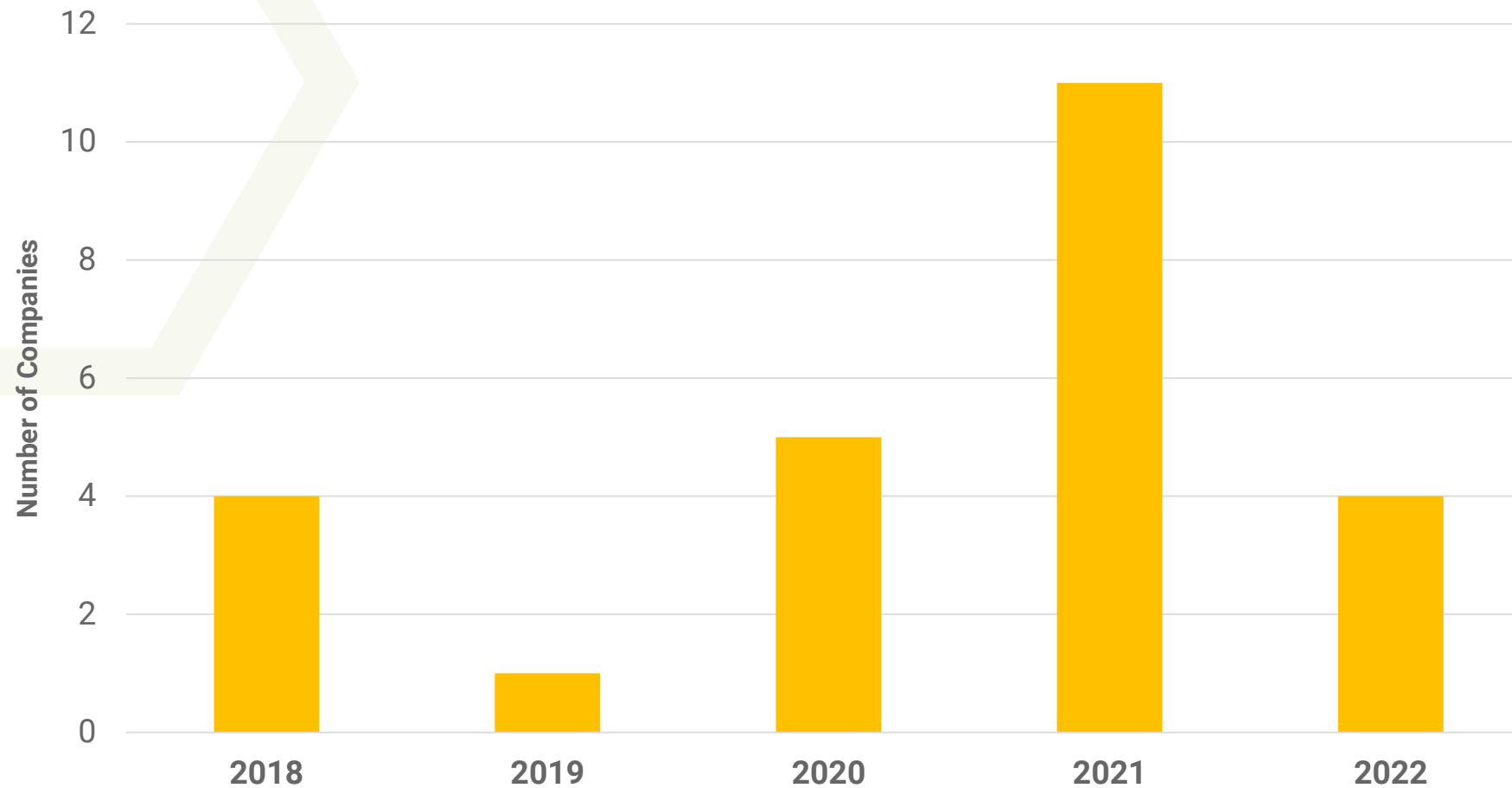
PRIVATE EQUITY ROUNDS – 5 YEAR REPORT



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 UK LIFE SCIENCE COMPANIES THAT WENT PUBLIC WORLDWIDE (2018 – 2022)



Included are Biotech – Therapeutics and Diagnostics, Biotech – R&D Services, and Biotech – Other companies, Pharma (fully integrated), Medical Technology, and Digital Health companies.

MAJOR BIOTECH VENTURE FINANCING ROUNDS (2022)

TOP 5 PRIVATE EQUITY FINANCING ROUNDS | 2022

Company	Sector	Type of Round	USD M
Ori Biotech Ltd.	Biotechnology – R&D Services	Series B	\$100
OMass Therapeutics Ltd.	Biotechnology – Therapeutics	Series B	\$100
MiroBio Ltd.*	Biotechnology – Therapeutics	Series B	\$97
Osler Diagnostics Ltd.	Biotechnology – R&D Services	Series C	\$85
F2G Ltd.	Biotechnology – Therapeutics	Other / unknown	\$70

The table shows the five biggest private equity financing rounds (excl. IPOs, research grants, loans) of private and independent biotech companies in 2022. . Biotech – Therapeutics category equals to Biotech – Therapeutics and Diagnostics. *MiroBio Ltd. raised their Series B financing in June 2022 and was acquired by Gilead Sciences, Inc. in September 2022. 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 leading **business development and licensing database** for the entire life science industry, offering a wealth of information on over 66,000 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 25,000 **licensing deals** and a **clinical trials database** containing over 750,000 records from registries around the world.

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