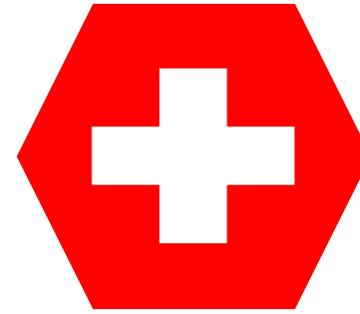


LIFE SCIENCE TREND ANALYSIS

SWITZERLAND | 2023



VENTURE VALUATION
GLOBAL VALUATION SERVICES



JULY 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 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/Innovation Zurich.

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.

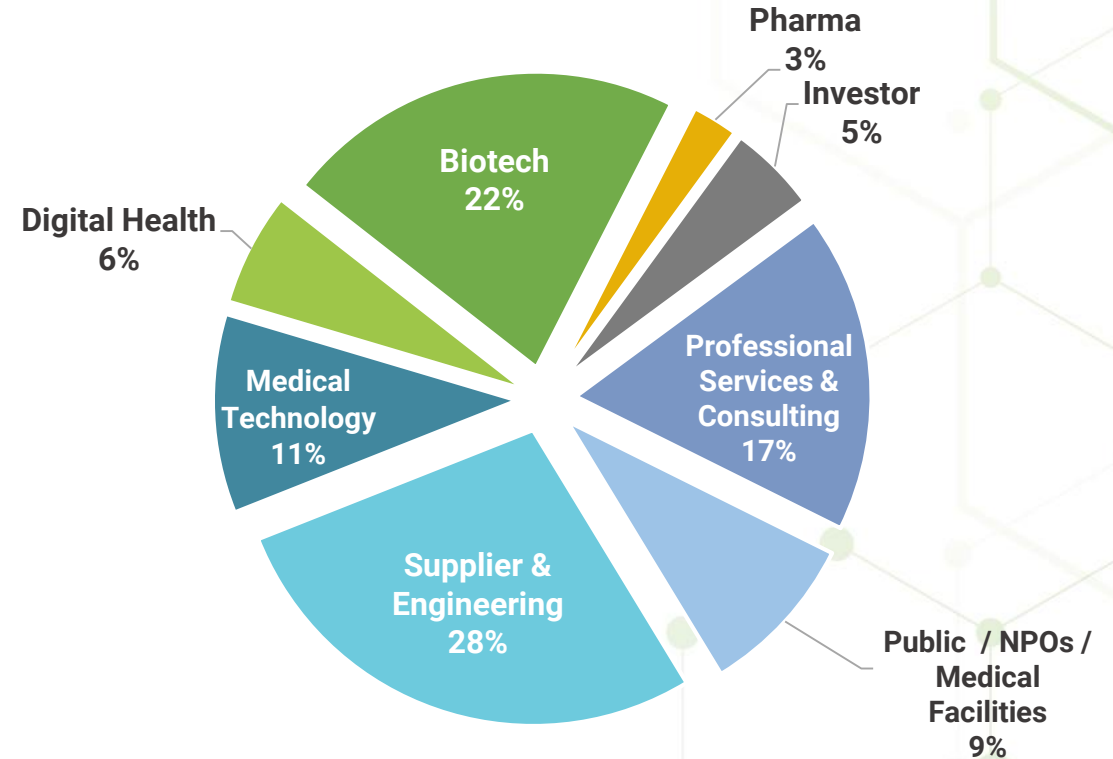
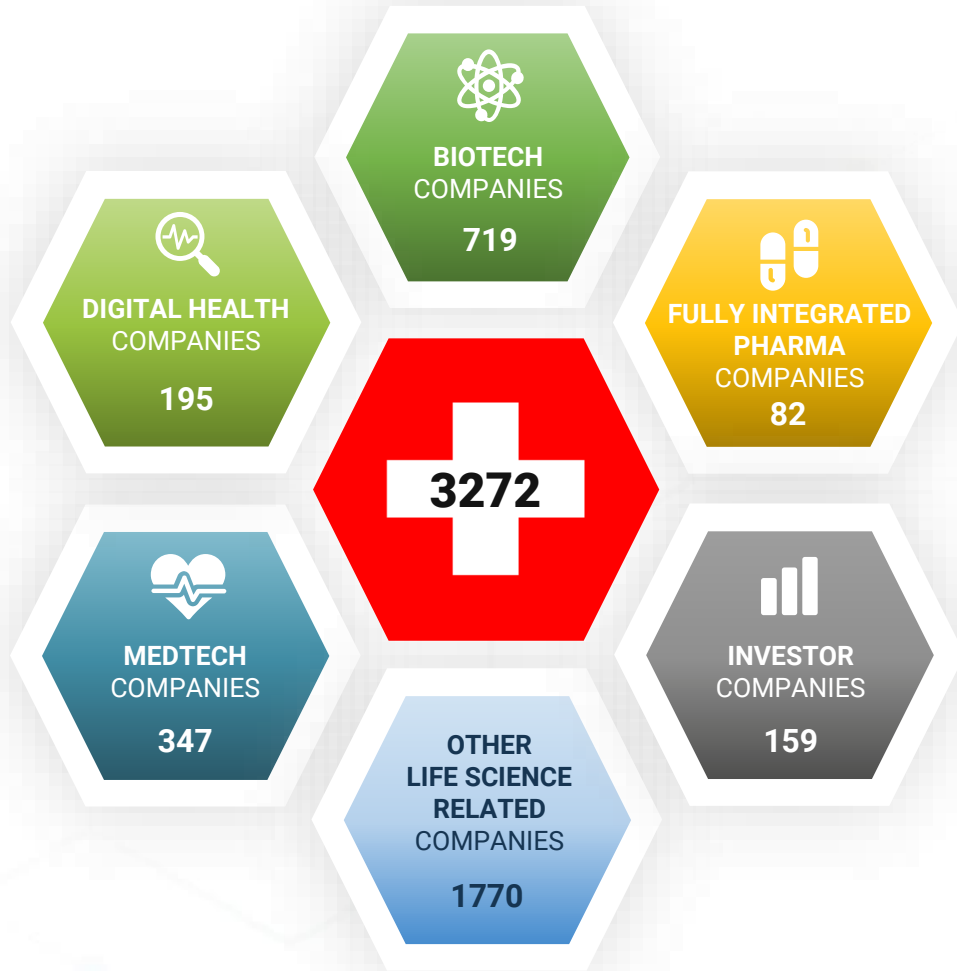
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OUR PARTNERS



OVERVIEW OF THE LIFE SCIENCE INDUSTRY

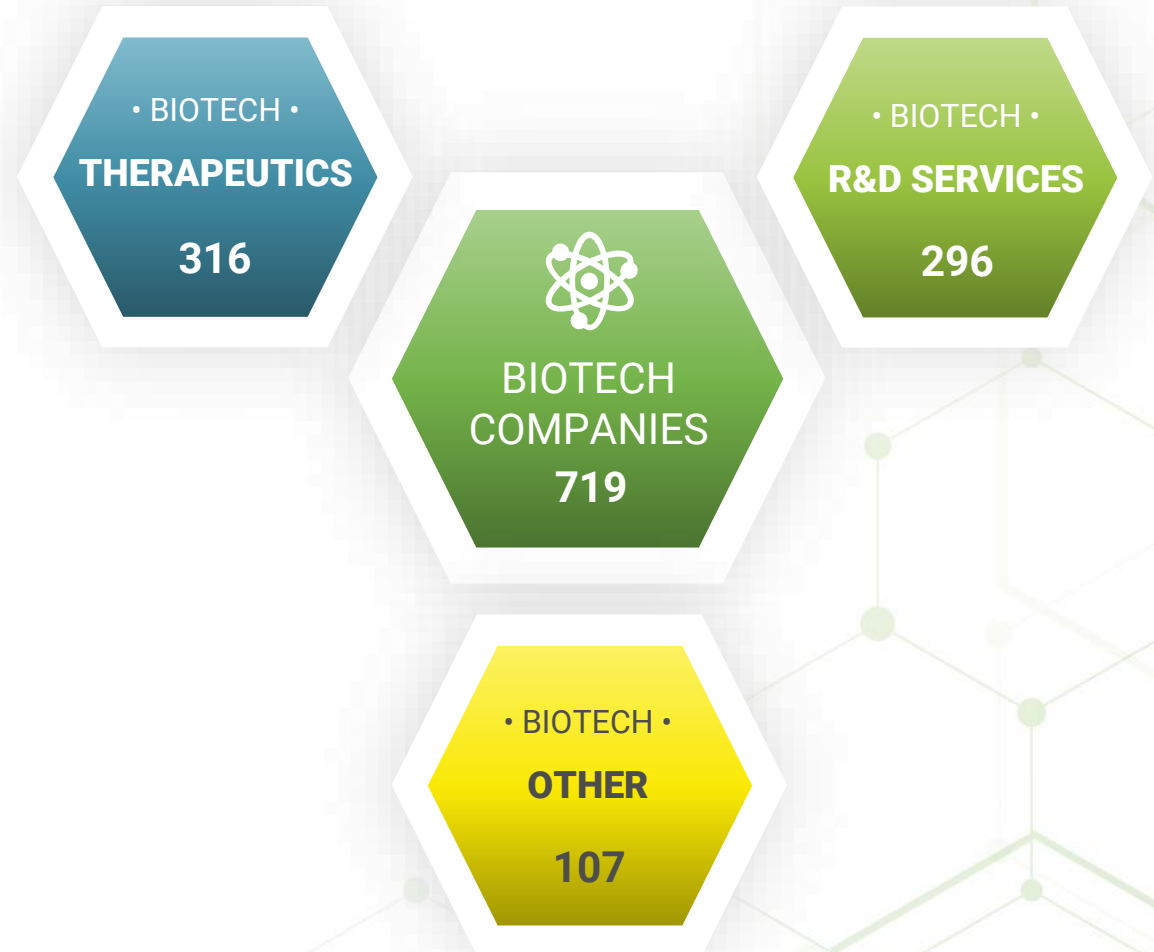
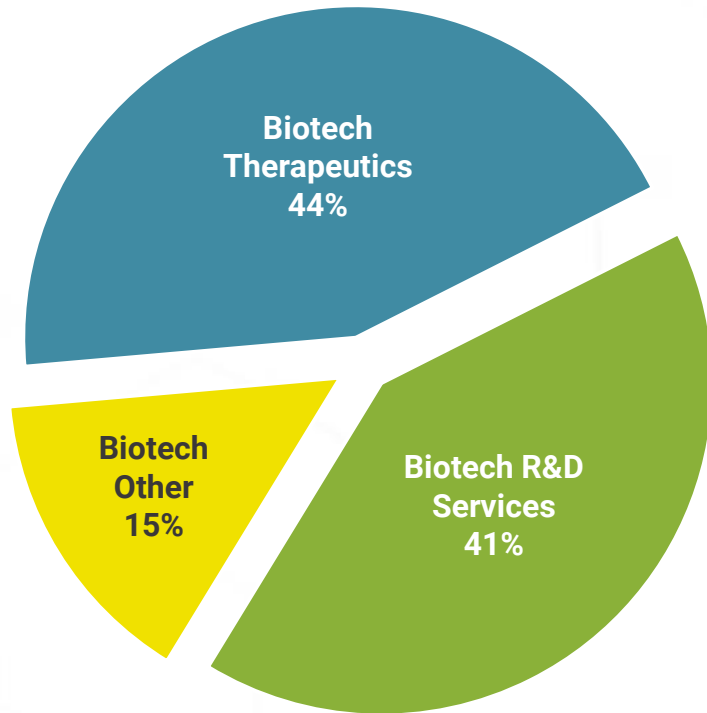
NUMBER OF COMPANIES BY SECTOR



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

OVERVIEW OF BIOTECH COMPANIES

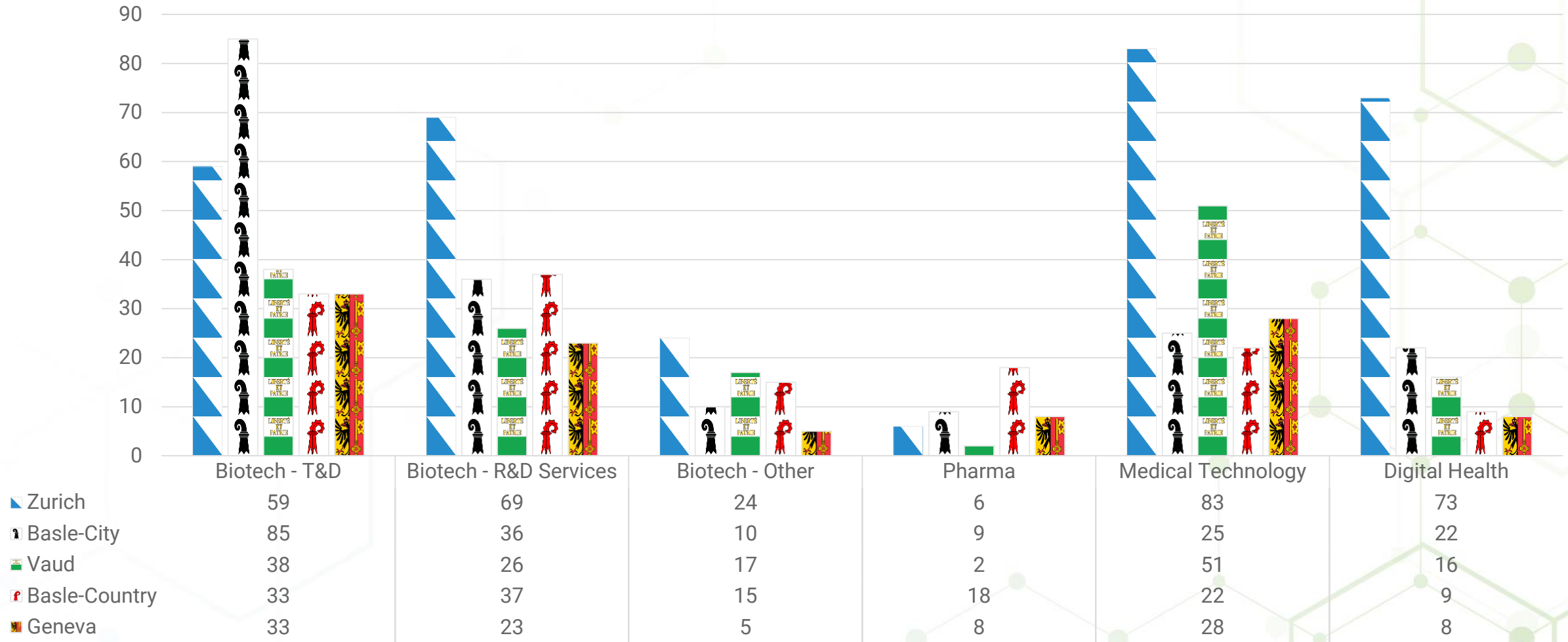
NUMBER OF COMPANIES BY SECTOR



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

CANTONAL OVERVIEW OF THE LIFE SCIENCE INDUSTRY

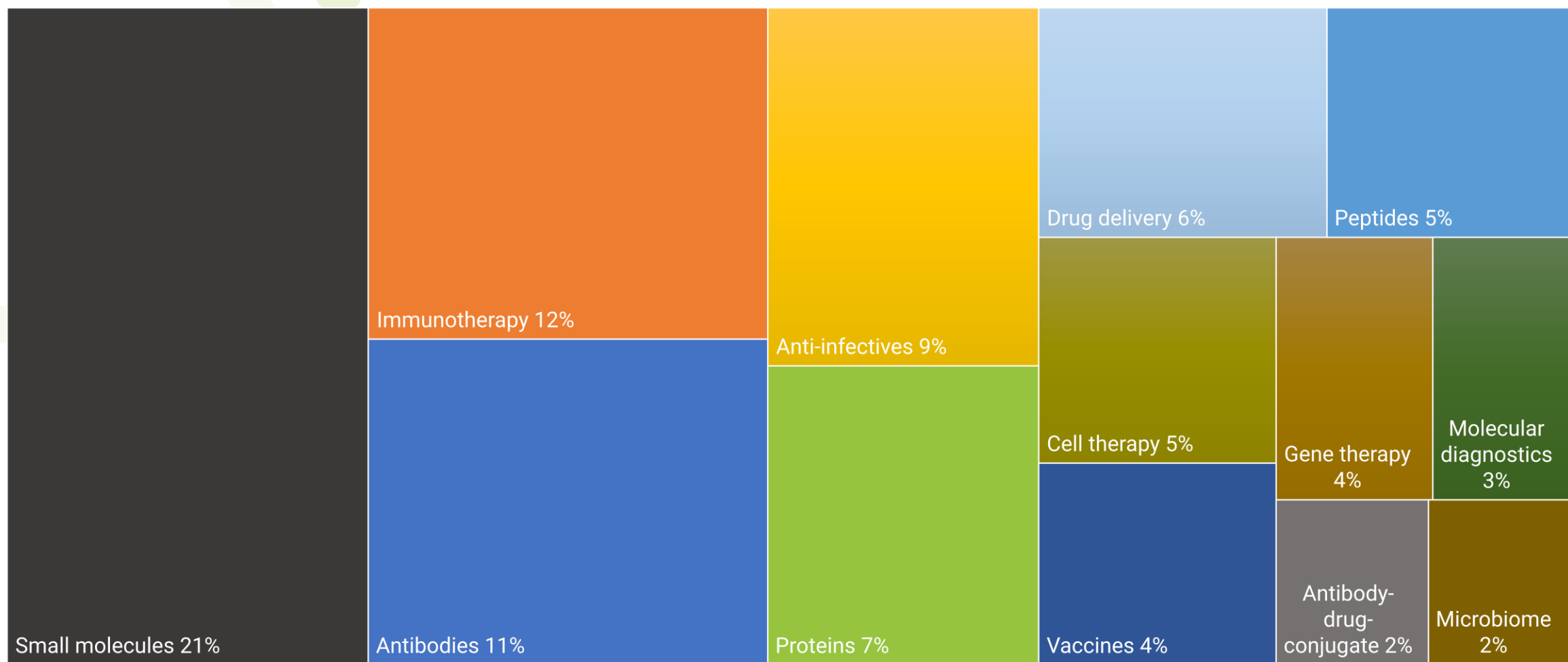
NUMBER OF LIFE SCIENCE COMPANIES BY TOP 5 CANTONS



Displayed are the five Swiss cantons with the highest number of life science companies in the displayed categories. For the definition of categories please visit www.biotechgate.com/web/cms/index.php/covered_industry_sectors.html. Biotech – T&D category equals to Biotechnology – Therapeutics and Diagnostics. 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

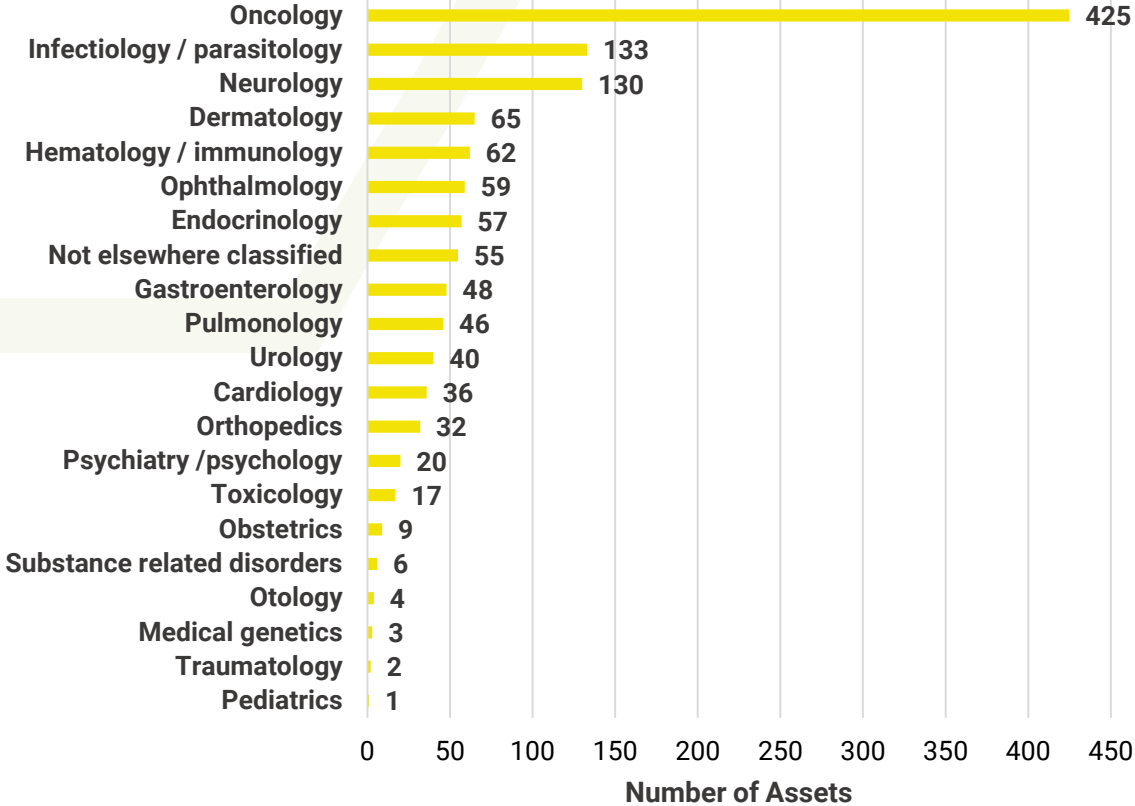


For 316 Biotech Therapeutics companies there were 567 subsectors (key activity areas) assigned (one biotech company can be active in multiple areas). The graph displays Biotech – Therapeutics and Diagnostics subsectors as the percentage of the total number of Biotech – Therapeutics and Diagnostics subsectors with exclusion of the category Others and categories with a percentage of less 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. Information displayed may alter as new information is received continuously.

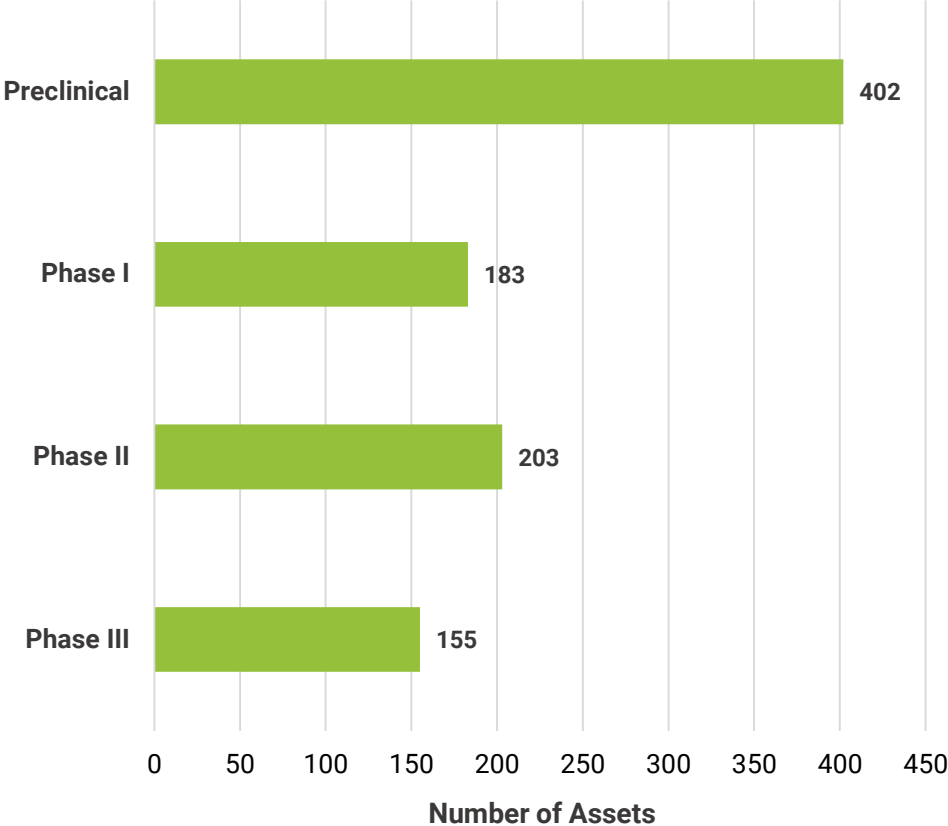
BIOTECH ASSETS IN CLINICAL DEVELOPMENT

BY INDICATION AND DEVELOPMENT PHASE

BREAKDOWN BY INDICATION



BREAKDOWN BY DEVELOPMENT PHASE

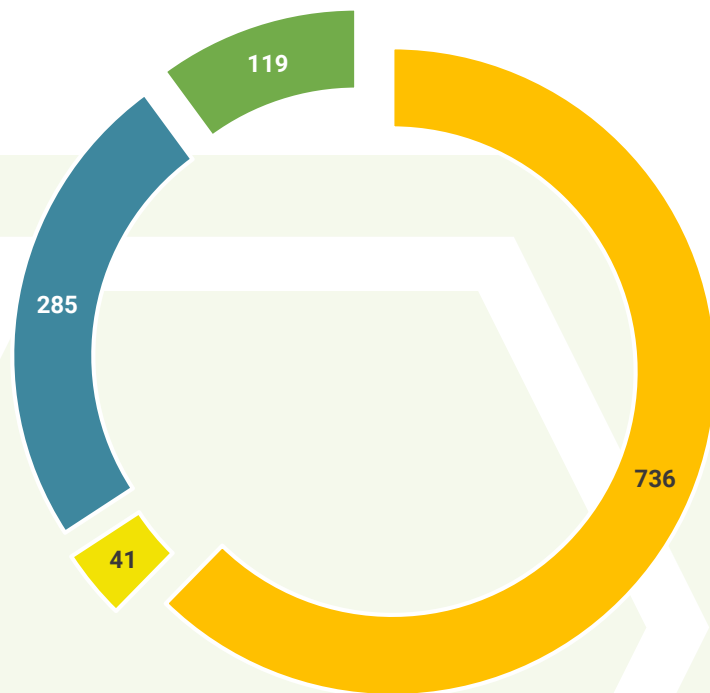


Both graphs contain the number of assets of Biotech – Therapeutics and Diagnostics companies (excl. of Pharma or Biotech – Others or Biotech R&D Services companies). Products in Discovery and Lead Optimization Phase are merged into Preclinical; Development Phase I/II trials are merged into Phase II and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

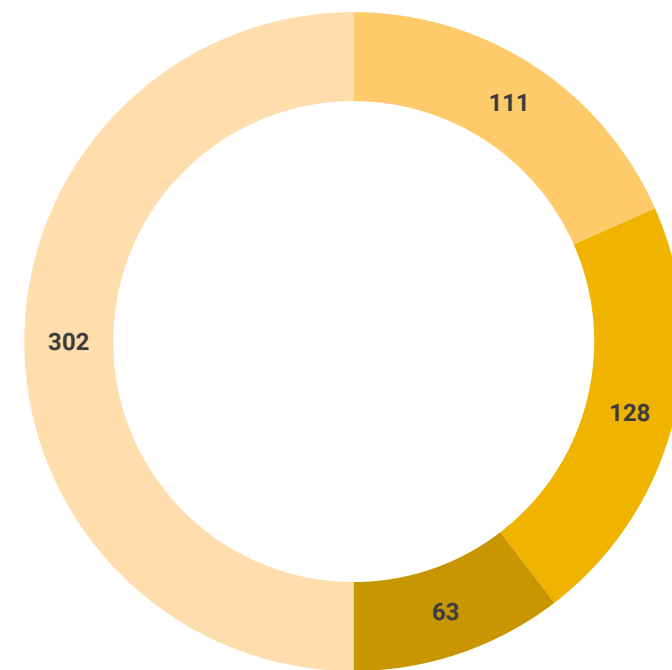
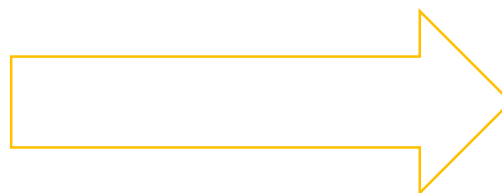
NUMBER OF ASSETS

BY ASSET CLASS



■ Therapeutics ■ Diagnostics ■ Medical Devices ■ Technologies

THERAPEUTICS IN DEVELOPMENT BY DEVELOPMENT PHASE

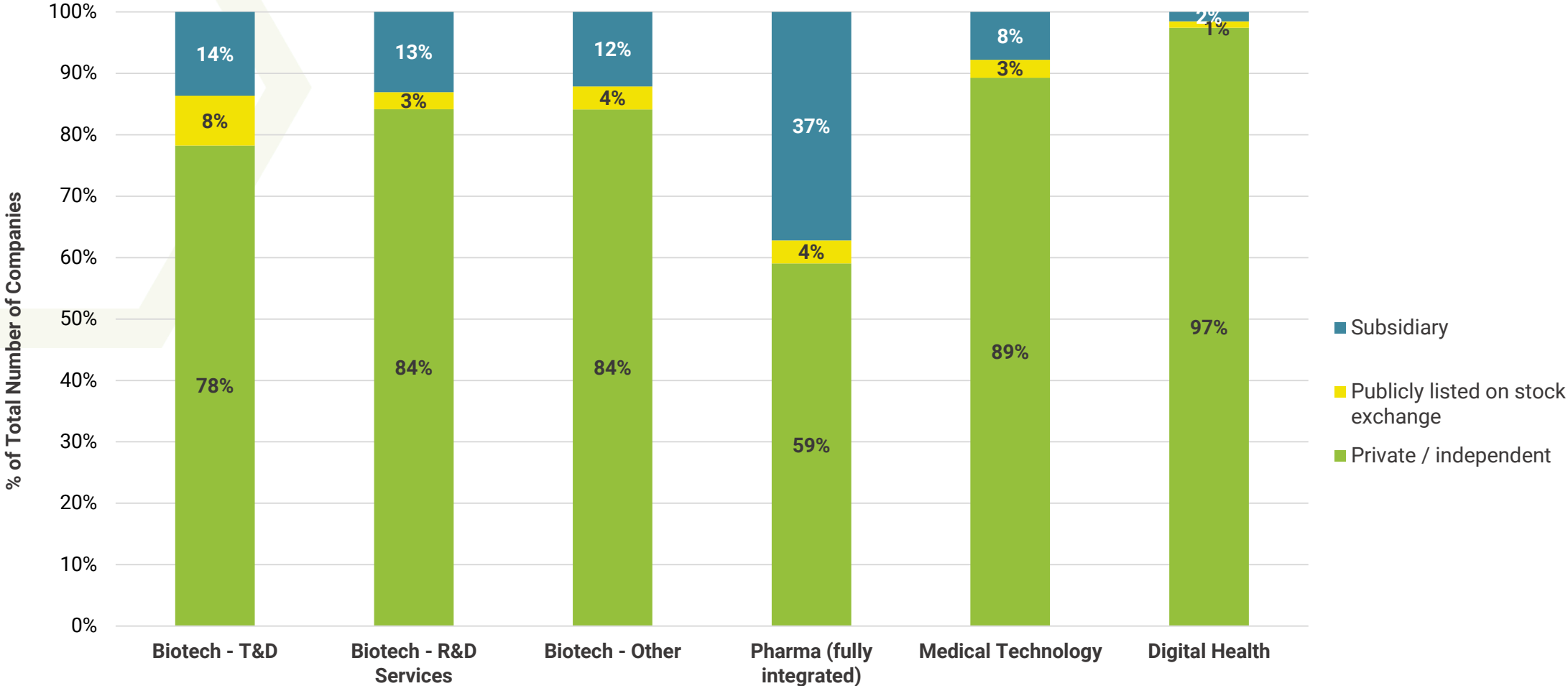


■ Preclinical ■ Phase I ■ Phase II ■ Phase III

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

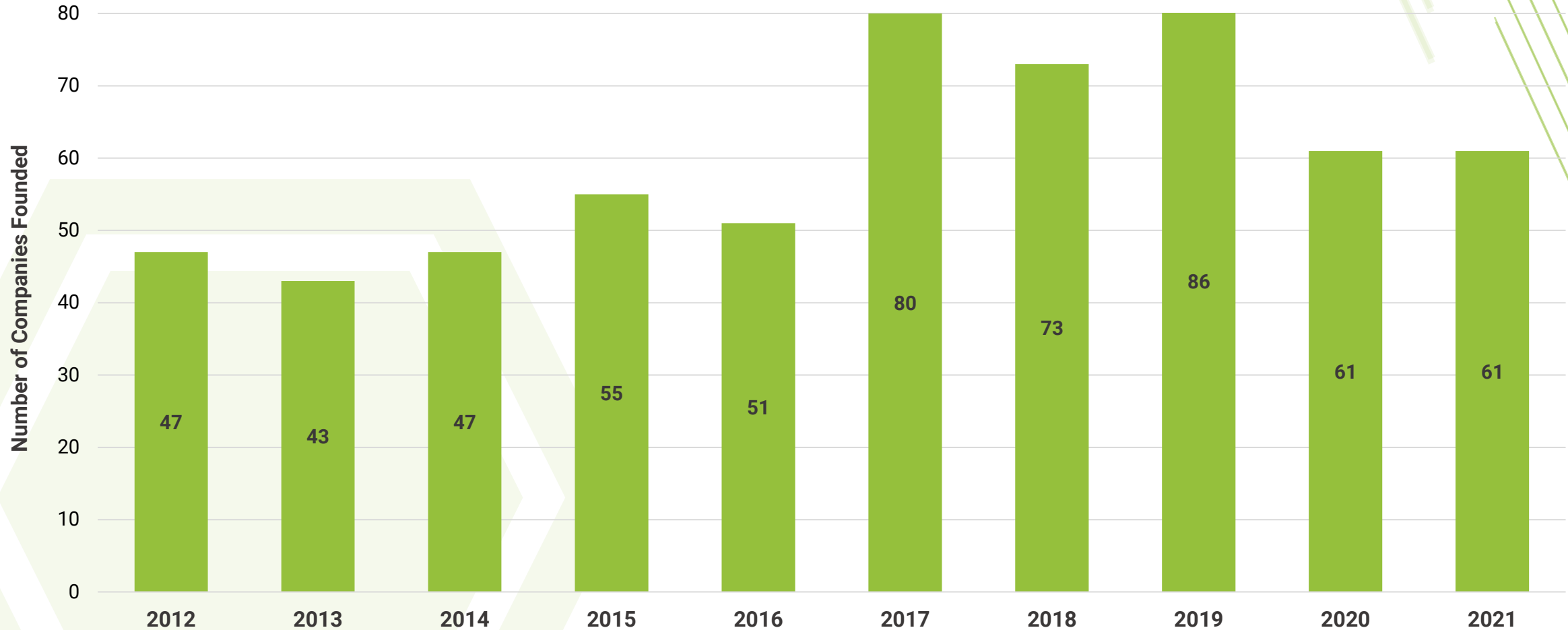
PERCENTAGE OF TOTAL NUMBER OF COMPANIES BY OWNERSHIP AND SECTOR



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

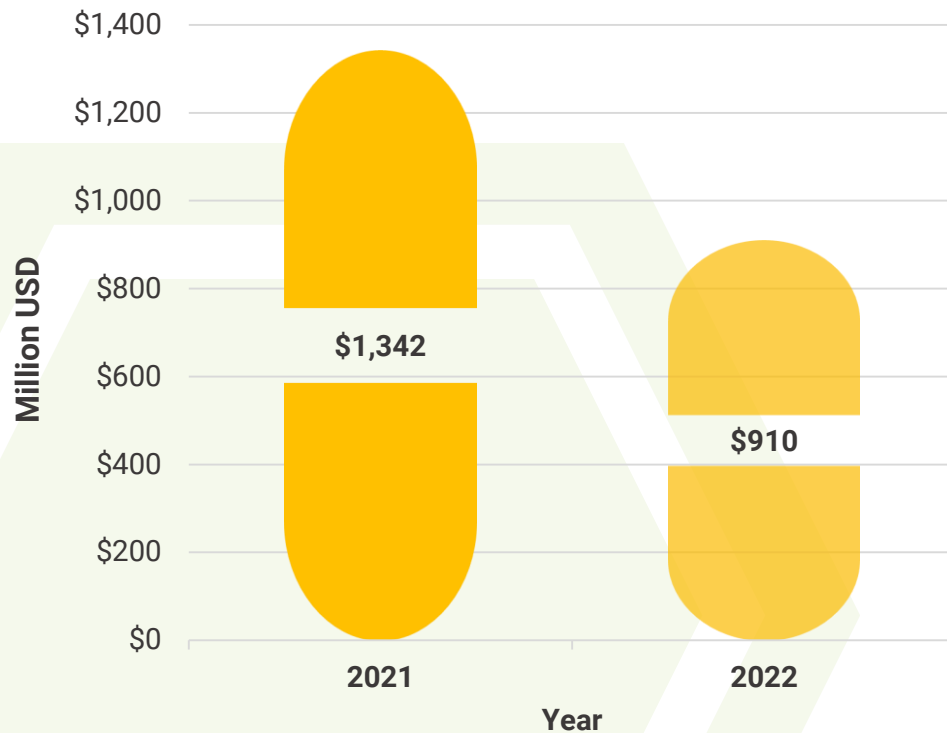


The graph contains the number of privately owned or publicly listed (no subsidiaries) life science companies founded by year including Biotech - Therapeutic and Diagnostic, Biotech - R&D Services, Biotech - Others, Pharma, Medical Technology and Digital Health companies. **Companies founded in 2022 were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

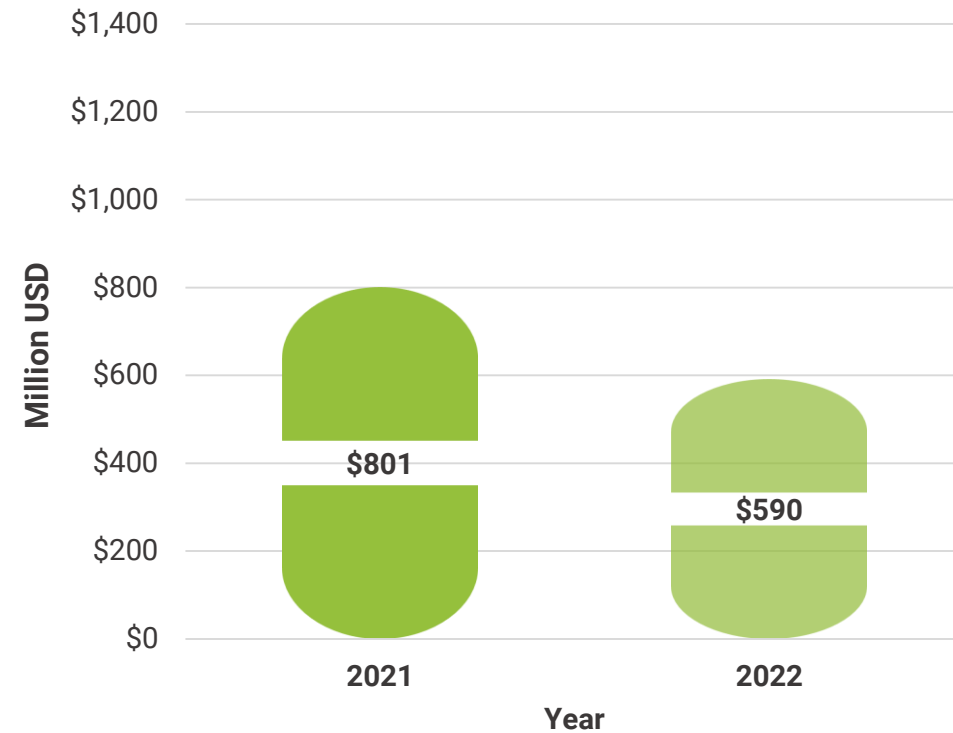
VENTURE FINANCING OF LIFE SCIENCE COMPANIES

PRIVATE EQUITY ROUNDS | 2021-2022

LIFE SCIENCE COMPANIES



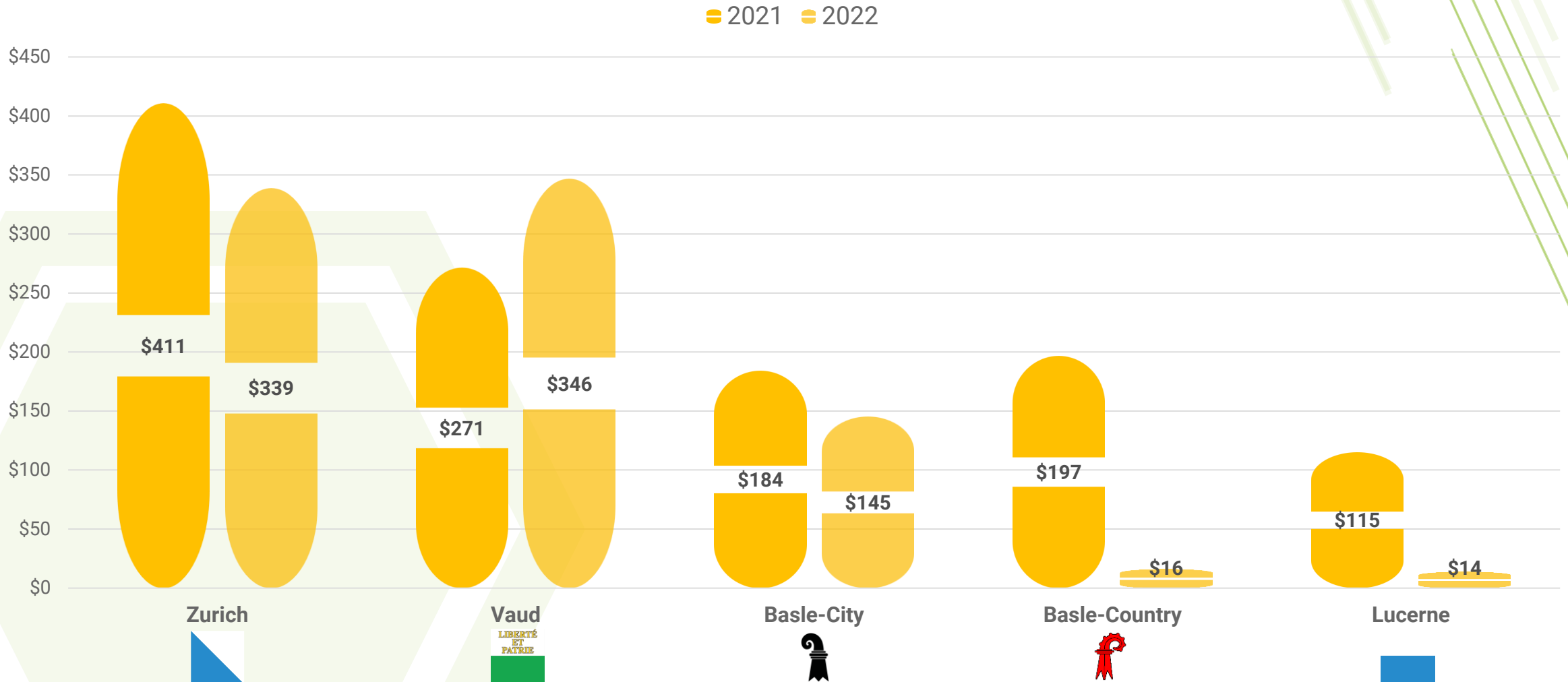
BIOTECH COMPANIES



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.

CANTONAL VENTURE FINANCING OF LIFE SCIENCE COMPANIES

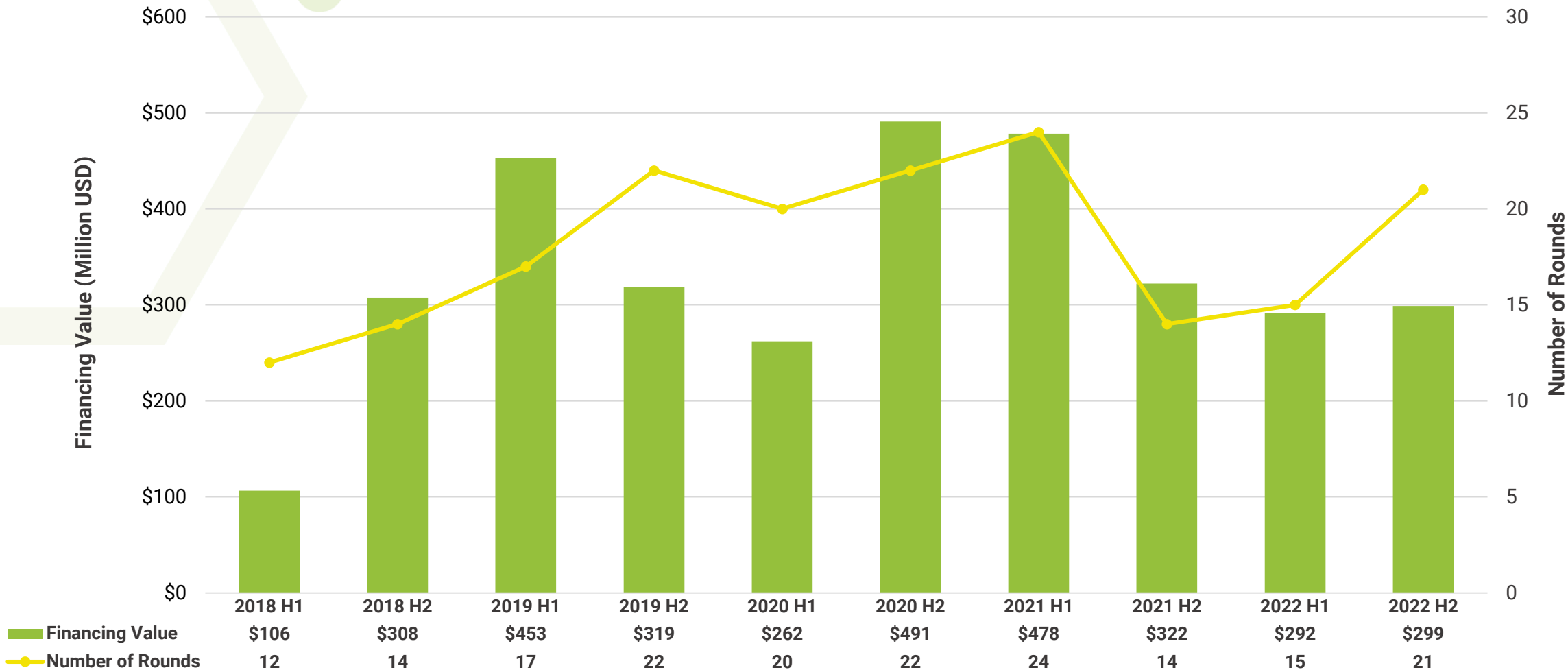
PRIVATE EQUITY ROUNDS BY TOP 5 CANTONS | 2021-2022



The graph displays the top 5 Swiss cantons in terms of the total amount of private equity financing of life science companies for 2021 and 2022. 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. 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.

MAJOR BIOTECH VENTURE FINANCING ROUNDS (2022)

TOP 5 PRIVATE EQUITY FINANCING ROUNDS | 2022

Company	Sector	Type of Round	USD M
CDR-Life Inc.	Biotech – Therapeutics	Series A	\$76
ImmunOs Therapeutics AG	Biotech – Therapeutics	Series B	\$74
Planted Foods AG	Biotech - Other	Series B	\$71
Cimeio Therapeutics AG	Biotech - Therapeutics	Series A	\$50
Opna Bio SA	Biotech - Therapeutics	Series A	\$38

The table shows the five biggest private equity financing rounds (excl. IPOs, research grants, loans) of private and independent biotech companies in 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 65,000 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.

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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