

# The Brookline Brief

## *Brookline Capital Markets*

Life Sciences, Med. Tech. and Diagnostics  
Equity Capital Markets Update

**November 2025**



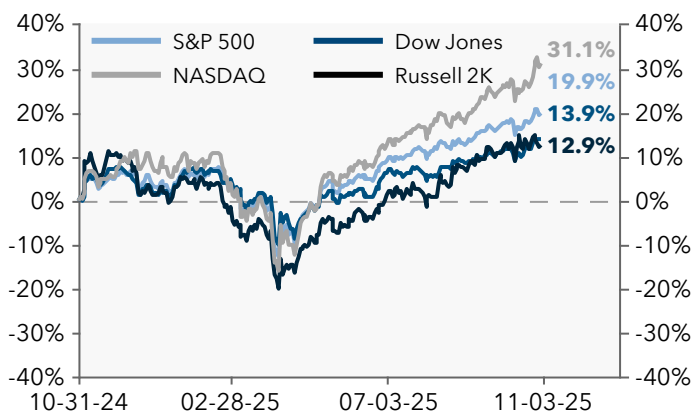
## ■ US equity benchmarks advanced for the 6<sup>th</sup> consecutive month in October.

- US equity benchmarks further advanced during October, with the S&P 500, NASDAQ, Dow Jones, and Russell 2000 each climbing +2.3%, +4.7%, +2.5%, and +1.8%, respectively, during the month. In context, October represented the 6<sup>th</sup> consecutive period of month-over-month gains across each of the major US equity benchmark indices – a remarkable feat accomplished only once before since the start of the new millennium (March 2003 – August 2003).

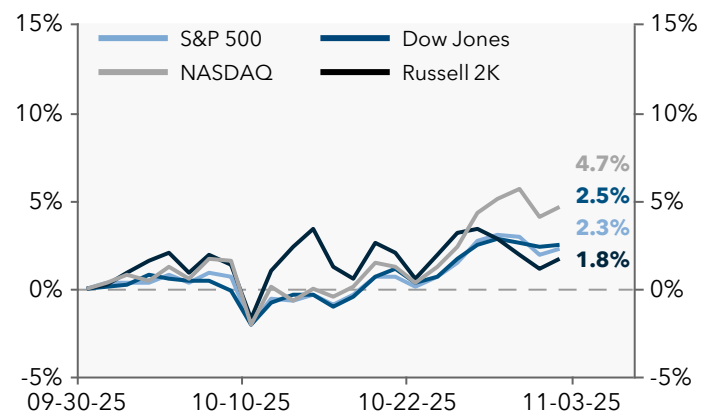
## ■ Meeting expectations, the Fed implemented a 25-basis-point rate cut last week.

- As expected, the Fed implemented a 25-basis-point reduction to its benchmark policy rate at the October FOMC meeting last Wednesday, bringing the target Fed Funds Rate range down to 3.75% – 4.00%. October's cut marked the 5<sup>th</sup> discrete policy rate adjustment since the Fed embarked on a path of monetary easing in September 2024. While the October cut met consensus expectations, a flurry of hawkish comments from central bank officials in recent days has quelled hopes for an additional rate cut in 2025, with futures markets currently signaling a ~67% probability of a final 25-basis-point cut at the December 2025 FOMC meeting (vs. ~91% prior to the FOMC meeting). <sup>(1)</sup>

US Equity Benchmarks (Last 12-Months)



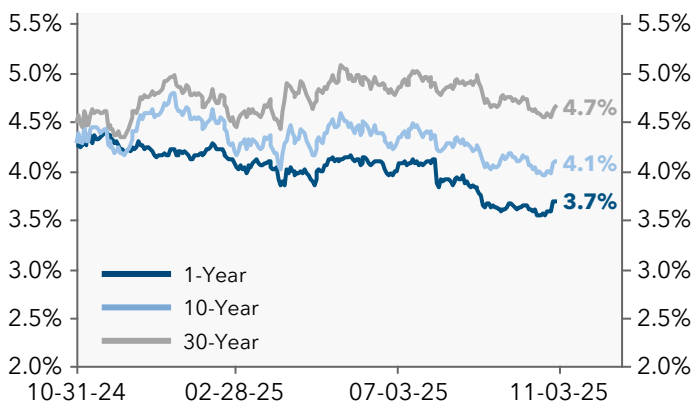
US Equity Benchmarks (Past Month)



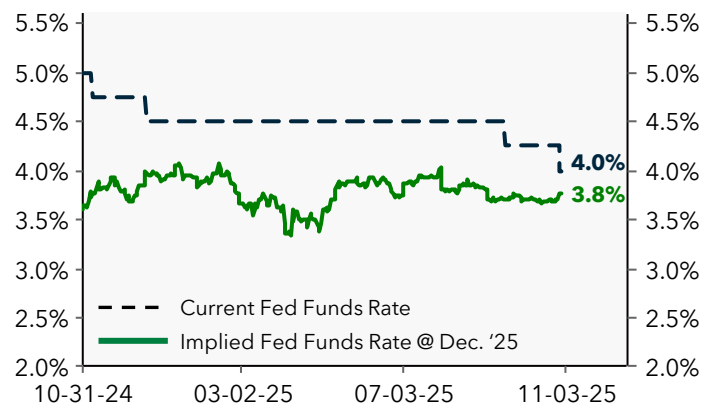
Monthly US Equity Benchmarks Performance

|            |      | Jan   | Feb    | Mar    | Apr    | May   | Jun   | Jul    | Aug   | Sep   | Oct    | Nov   | Dec    | Full Yr / YTD |
|------------|------|-------|--------|--------|--------|-------|-------|--------|-------|-------|--------|-------|--------|---------------|
| S&P 500    | 2024 | +1.6% | +5.2%  | +3.1%  | (4.2%) | +4.8% | +3.5% | +1.1%  | +2.3% | +2.0% | (1.0%) | +5.7% | (2.5%) | +23.3%        |
|            | 2025 | +2.7% | (1.4%) | (5.8%) | (0.8%) | +6.2% | +5.0% | +2.2%  | +1.9% | +3.5% | +2.3%  | --    | --     | +16.3%        |
| NASDAQ     | 2024 | +1.0% | +6.1%  | +1.8%  | (4.4%) | +6.9% | +6.0% | (0.8%) | +0.6% | +2.7% | (0.5%) | +6.2% | +0.5%  | +28.6%        |
|            | 2025 | +1.6% | (4.0%) | (8.2%) | +0.9%  | +9.6% | +6.6% | +3.7%  | +1.6% | +5.6% | +4.7%  | --    | --     | +22.9%        |
| Dow Jones  | 2024 | +1.2% | +2.2%  | +2.1%  | (5.0%) | +2.3% | +1.1% | +4.4%  | +1.8% | +1.8% | (1.3%) | +7.5% | (5.3%) | +12.9%        |
|            | 2025 | +4.7% | (1.6%) | (4.2%) | (3.2%) | +3.9% | +3.7% | +0.7%  | +3.2% | +1.9% | +2.5%  | --    | --     | +11.8%        |
| Russell 2K | 2024 | +1.2% | +2.2%  | +2.1%  | (5.0%) | +2.3% | +1.1% | +4.4%  | +1.8% | +1.8% | (1.3%) | +7.5% | (5.3%) | +10.0%        |
|            | 2025 | +2.6% | (5.4%) | (7.0%) | (2.4%) | +5.2% | +5.3% | +1.7%  | +7.0% | +3.0% | +1.8%  | --    | --     | +11.2%        |

Treasury Yields (Last 12-Months)



Fed Funds Futures (Last 12-Months)



(1): Source: CME Group FedWatch Tool.

Sources: FactSet, Bloomberg, Dealogic, Brookline Capital Markets Investment Banking Data, US Food &amp; Drug Administration Data. Market data as of 4:00 PM on October 31, 2025, unless otherwise noted.

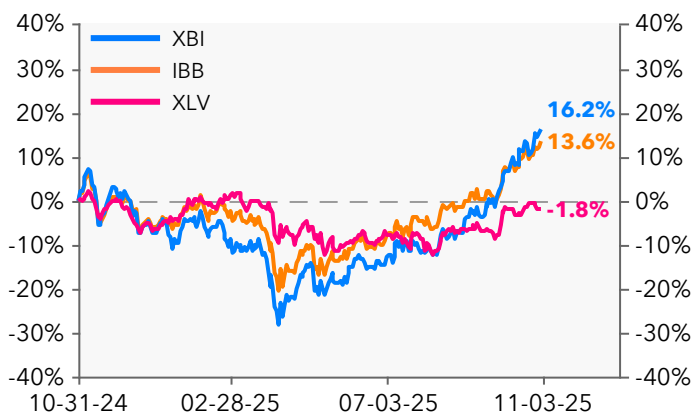
## ■ The XBI and IBB outperformed the broader market for the 4<sup>th</sup> consecutive month.

- The XBI and IBB posted month-over-month gains of +12.5% and +10.4%, respectively, during October - marking the 4<sup>th</sup> consecutive month of outperformance against the broader US equity market as measured by S&P 500 (an accomplishment not last seen since October 2014 to January 2015). Of note, the XBI's +12.5% October rally represented the 1<sup>st</sup> instance of back-to-back double-digit monthly gains for the sector-tracking ETF since December 2023 and the 17<sup>th</sup> strongest single-month performance since the XBI's inception in 2006.

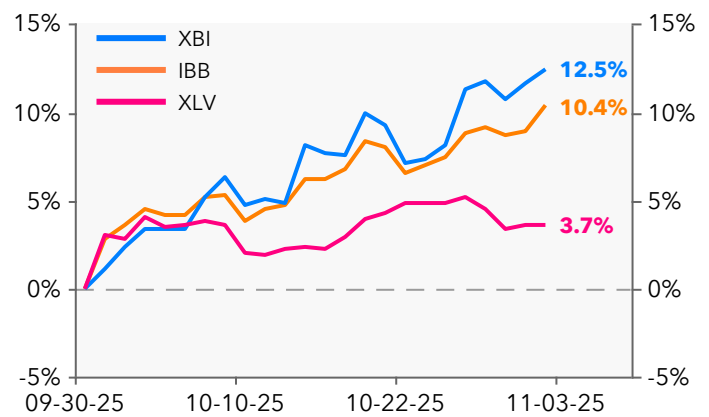
## ■ Improving sentiment buoyed micro- and smid-cap valuations during October. <sup>(1)</sup>

- An analysis conducted by Brookline found that the total combined market value of "micro-cap" and "smid-cap" US-listed public companies within the life sciences-, med. tech-, and diagnostics-focused subsectors (N=649 entering October) increased by \$13.2bn in the aggregate last month to \$145.5bn as of the end of October. Over 100 micro- and smid-cap companies added \$50mm or more to their respective market values during October, with top performing "smid-cap" standouts, INBX, NRIX, TSHA, ORKA, and REPL accounting for \$2.6bn in aggregate value creation last month.

Subsector ETFs (Last 12-Months)



Subsector ETFs (Past Month)



Monthly Subsector ETFs Performance

|     |      | Jan    | Feb    | Mar    | Apr     | May    | Jun   | Jul    | Aug   | Sep    | Oct    | Nov   | Dec    | Full Yr / YTD |
|-----|------|--------|--------|--------|---------|--------|-------|--------|-------|--------|--------|-------|--------|---------------|
| XBI | 2024 | (2.1%) | +12.6% | (3.6%) | (10.8%) | +5.3%  | +4.0% | +6.8%  | +2.2% | (2.4%) | (1.8%) | +2.7% | (9.6%) | +0.9%         |
|     | 2025 | +2.9%  | (4.3%) | (8.6%) | +2.3%   | (4.5%) | +4.7% | +3.3%  | +4.9% | +11.5% | +12.5% | --    | --     | +25.1%        |
| IBB | 2024 | (1.1%) | +1.8%  | +0.3%  | (7.5%)  | +5.5%  | +2.5% | +7.8%  | +0.1% | (1.7%) | (3.6%) | +0.9% | (6.6%) | (2.7%)        |
|     | 2025 | +4.9%  | (1.2%) | (6.7%) | (1.0%)  | (3.8%) | +3.9% | +4.9%  | +4.1% | +4.4%  | +10.4% | --    | --     | +20.6%        |
| XLV | 2024 | +2.9%  | +3.2%  | +2.0%  | (5.0%)  | +2.4%  | +1.4% | +2.7%  | +5.1% | (2.0%) | (4.6%) | +0.4% | (6.7%) | +0.9%         |
|     | 2025 | +6.8%  | +1.4%  | (2.0%) | (3.8%)  | (5.6%) | +1.6% | (3.2%) | +5.4% | +1.3%  | +3.7%  | --    | --     | +4.9%         |

Top-10 XBI Leaders (Oct. 2025)

| Name                       | Ticker  | % Chg.  |
|----------------------------|---------|---------|
| Praxis Precision Medicines | PRAX-US | +275.0% |
| Replimune Group            | REPL-US | +132.2% |
| Dyne Therapeutics          | DYN-US  | +78.5%  |
| Avidity Biosciences        | RNA-US  | +60.3%  |
| Celcuity                   | CELC-US | +56.2%  |
| GRAIL                      | GRAL-US | +55.5%  |
| Immunovant                 | IMVT-US | +53.1%  |
| Taysha Gene Therapies      | TSHA-US | +51.7%  |
| Traverse Therapeutics      | TVTX-US | +47.1%  |
| Oruka Therapeutics         | ORKA-US | +46.5%  |

Bottom-10 XBI Laggards (Oct. 2025)

| Name                     | Ticker  | % Chg.  |
|--------------------------|---------|---------|
| Arcturus Therapeutics    | ARCT-US | (45.9%) |
| Intellia Therapeutics    | NTLA-US | (26.9%) |
| Scholar Rock Holding     | SRRK-US | (20.5%) |
| Akebia Therapeutics      | AKBA-US | (19.0%) |
| Halozyne Therapeutics    | HALO-US | (11.1%) |
| Dianthus Therapeutics    | DNTH-US | (11.1%) |
| Syndax Pharmaceuticals   | SNDX-US | (11.0%) |
| ARS Pharmaceuticals      | SPRY-US | (10.8%) |
| Anavex Life Sciences     | AVXL-US | (10.4%) |
| KalVista Pharmaceuticals | KALV-US | (10.4%) |

(1): "Micro-cap" companies are defined as those with a market capitalization less than \$150mm, "smid-cap" companies are defined as those with a market capitalization between \$150mm and \$1bn.

Sources: FactSet, Bloomberg, Dealogic, Brookline Capital Markets Investment Banking Data, US Food & Drug Administration Data.

Market data as of 4:00 PM on October 31, 2025, unless otherwise noted.

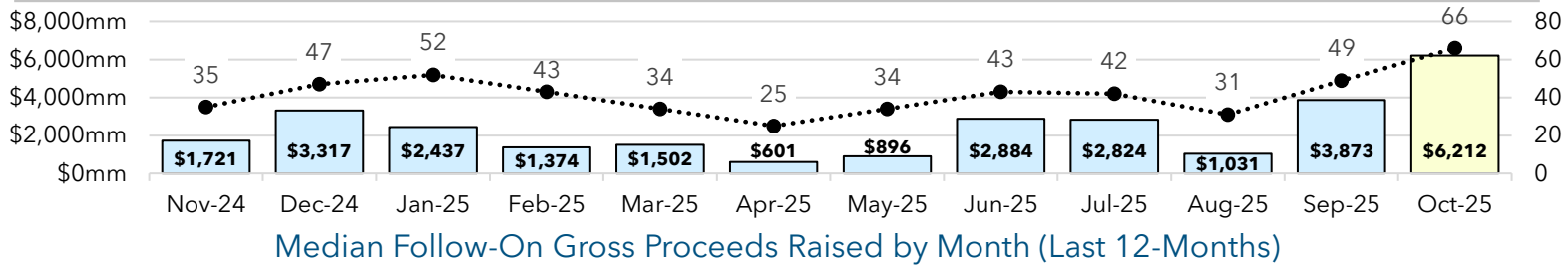
## ■ October marked the highest monthly follow-on volume (count) since early 2021.

- Life sciences-, med. tech., and diagnostics-focused issuers raised \$6.2bn in combined aggregate gross proceeds (prior to overallotments, where applicable) across 66 follow-on offerings during October. Follow-on activity in October represented the strongest month of new issue activity by volume (count) since February 2021 (84 deals) and the strongest month of new issue activity by aggregate proceeds raised since February 2024 (\$6.6bn).

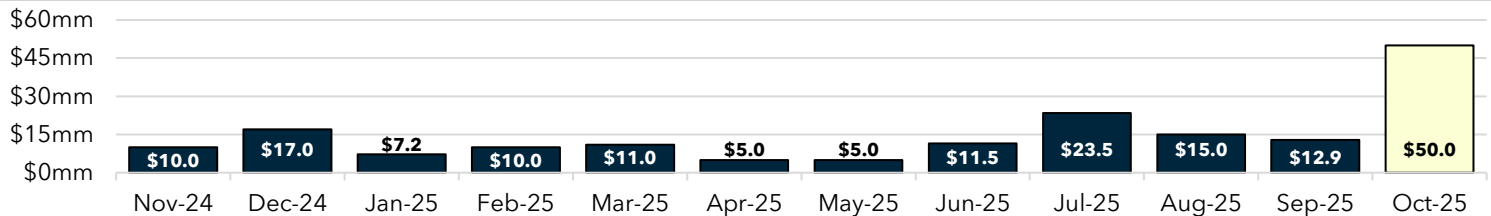
## ■ October featured over a dozen \$50mm+ follow-ons by “micro-cap” issuers. <sup>(1)</sup>

- Although average (median) proceeds raised across last month’s 35 “micro-cap” follow-ons remained a modest \$6.0mm, 14 transactions (40% of total volume) generated gross proceeds of \$50.0mm or more. Though not without precedent (April 2024 featured 17 “micro-cap” follow-ons that raised \$50mm or more), most observers viewed last month’s surge in outsized “micro-cap” follow-on offering activity to be yet another encouraging signal of improving risk appetite throughout the sector.

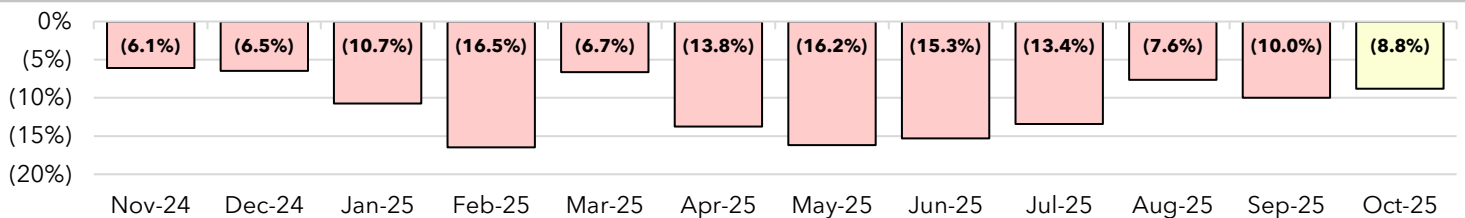
Follow-On Aggregate Gross Proceeds Raised and Deal Volume (count) by Month (Last 12-Months)



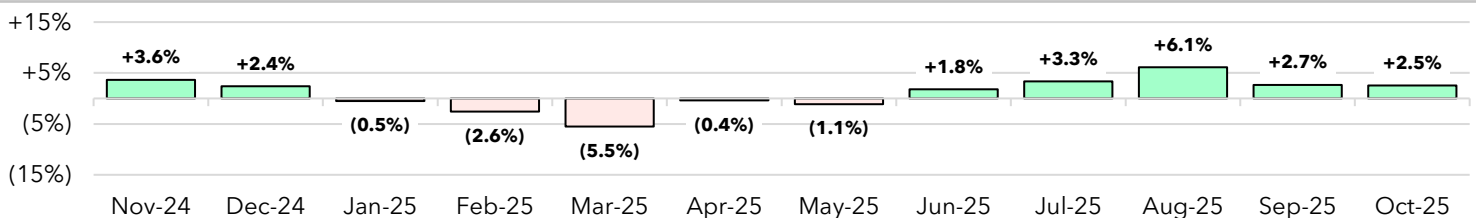
Median Follow-On Gross Proceeds Raised by Month (Last 12-Months)



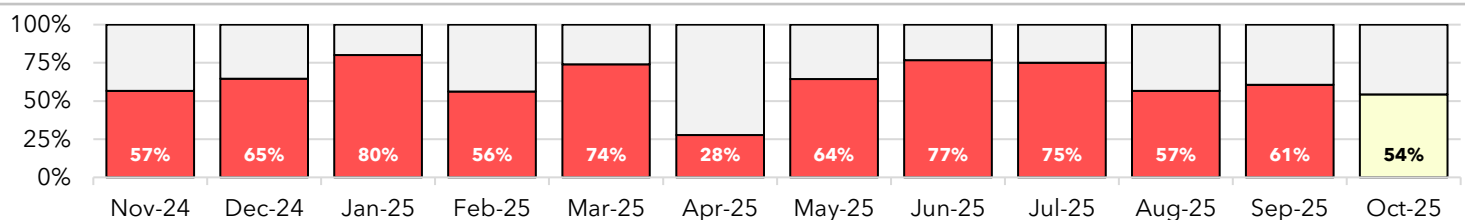
Median Monthly File-to-Offer Discount by Month (Last 12-Months)



Median Offer-to-T+7 Return by Month (Last 12-Months)



Percentage of “Micro-Cap” Deals with Warrant Coverage by Month (Last 12-Months) <sup>(1)</sup>



(1): “Micro-cap” issuers are defined as those with a fully-diluted pre-deal market capitalization less than \$150mm.

Dataset includes transactions completed by life sciences-, med. tech., and diagnostics-focused issuers and excludes secondary offerings (i.e., block trades with no proceeds to issuer).

Sources: FactSet, Bloomberg, Dealogic, Brookline Capital Markets Investment Banking Data, US Food & Drug Administration Data.

Market and transaction data as of 4:00 PM on October 31, 2025, unless otherwise noted.

Selected Recent Subsector Follow-On Offerings

November 2025

| Company                | Ticker | Indication                                 | Offer Date | Deal Type | Gross Proceeds <sup>(1)</sup> | Pre-Offer Mkt. Cap <sup>(2)</sup> | File / Offer Disc. % | Offer / Current % Chg. |
|------------------------|--------|--------------------------------------------|------------|-----------|-------------------------------|-----------------------------------|----------------------|------------------------|
| Arcus Biosciences      | RCUS   | Oncology (AR antagonist)                   | 10-31-25   | CMPO      | \$250.0mm                     | \$2,205.1mm                       | (9.6%)               | +8.1%                  |
| Corbus Pharmaceuticals | CRBP   | Rare Diseases (Systemic Sclerosis)         | 10-31-25   | CMPO      | \$75.0mm                      | \$201.5mm                         | (20.9%)              | (6.5%)                 |
| Intensity Therapeutics | INTS   | Oncology (cisplatin / vinblastine sulfate) | 10-31-25   | RD        | \$4.0mm                       | \$65.4mm                          | (39.4%)              | (8.7%)                 |
| Cocrystal Pharma †††   | COCP   | Infectious Diseases (HCV / non-nucleoside) | 10-30-25   | PIPE      | \$1.0mm                       | \$14.0mm                          | +29.9%               | (21.6%)                |
| Mind Medicine          | MNMD   | CNS (GAD / LSD D-tartrate)                 | 10-30-25   | CMPO      | \$225.1mm                     | \$1,163.5mm                       | (5.1%)               | +15.9%                 |
| Oculis                 | OCS    | Ophthalmology (scFV TNFa)                  | 10-30-25   | RD        | \$110.0mm                     | \$1,222.6mm                       | (6.0%)               | (4.8%)                 |
| Savara                 | SVRA   | Immunology (aPAP / GM-CSF inhalable)       | 10-30-25   | CMPO      | \$130.0mm                     | \$959.7mm                         | (3.2%)               | (1.2%)                 |
| Veru †††               | VERU   | Oncology (mCRPC/TNBC)                      | 10-30-25   | CMPO      | \$25.2mm                      | \$51.3mm                          | (14.3%)              | (1.7%)                 |
| Ekso Bionics           | EKSO   | Med. Tech. (Orthopedics)                   | 10-29-25   | RD        | \$3.7mm                       | \$12.6mm                          | 0.0%                 | +12.1%                 |
| Cybin †                | CYBN   | CNS (psilocybin)                           | 10-28-25   | RD        | \$175.0mm                     | \$174.4mm                         | 0.0%                 | +11.5%                 |
| Co-Diagnostics         | CODX   | Med. Tech. (Diagnostics)                   | 10-28-25   | RD        | \$7.0mm                       | \$60.7mm                          | (56.3%)              | (16.4%)                |
| Genprex †††            | GNPX   | Oncology (TUSC2/FUS1)                      | 10-28-25   | RD        | \$3.4mm                       | \$11.0mm                          | +2.9%                | (35.9%)                |
| Annovis Bio            | ANVS   | CNS (Alzheimer's Disease)                  | 10-27-25   | RD        | \$3.4mm                       | \$50.1mm                          | 0.0%                 | +2.4%                  |
| Genenta Science        | GNTA   | Oncology (aHSPC / Tie2 LVV)                | 10-27-25   | RD        | \$15.0mm                      | \$122.0mm                         | (43.5%)              | (26.6%)                |
| Vivani Medical         | VANI   | Metaboloic (GLP-1 implant)                 | 10-27-25   | RD        | \$15.7mm                      | \$102.5mm                         | 0.0%                 | (0.6%)                 |
| Coya Therapeutics      | COYA   | CNS (ALS / Alzheimer's Disease)            | 10-24-25   | CMPO      | \$20.0mm                      | \$116.9mm                         | (21.2%)              | +14.9%                 |
| X4 Pharmaceuticals     | XFOR   | Rare Diseases (CXCR4 inhibitor)            | 10-24-25   | CMPO      | \$135.0mm                     | \$236.6mm                         | (6.1%)               | +39.3%                 |
| Genprex †††            | GNPX   | Oncology (TUSC2/FUS1)                      | 10-23-25   | RD        | \$2.7mm                       | \$11.0mm                          | +2.3%                | (48.5%)                |
| Tango Therapeutics     | TNGX   | Oncology (PRMT5 inhibitor)                 | 10-23-25   | RD        | \$225.0mm                     | \$1,011.4mm                       | 0.0%                 | (6.4%)                 |
| Nurix Therapeutics     | NRIX   | Oncology (B-Cell Malignancies)             | 10-22-25   | RD        | \$250.0mm                     | \$880.0mm                         | (2.0%)               | +26.7%                 |

**Key Notation:**

- †, ††, and ††† denote transactions with <100% warrant coverage, 100% to 199% warrant coverage, and ≥200% warrant coverage, respectively.
- [FF] denotes an issuer's 1<sup>st</sup> follow-on offering post-IPO (or rev. merger). (\*) denotes dual listing / "US IPO" or "NASDAQ/NYSE uplisting" from OTC.

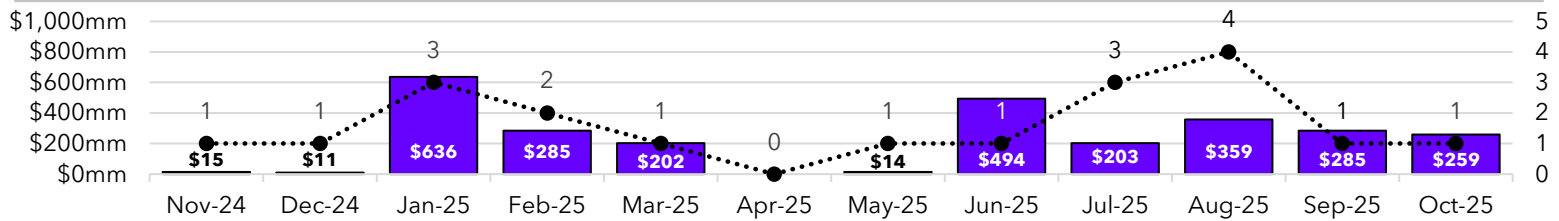
## 1 new entrant joined the IPO Class of 2025 during October.

- Maplight Therapeutics (NASDAQ: MPLT) became the 17<sup>th</sup> addition to the IPO Class of 2025 on October 27<sup>th</sup> following its \$259mm debut at \$17.00 per share. MPLT represented the 5<sup>th</sup> largest IPO in terms of gross proceeds raised prior to overallotment and the 2<sup>nd</sup> largest IPO in terms of total proceeds raised relative to fully diluted pre-IPO valuation this year. Of note, MPLT delivered a +7.9% return on its 1<sup>st</sup> day of trading, becoming the 8<sup>th</sup> \$100mm + IPO this year to deliver a solid 1<sup>st</sup> day performance (median 1<sup>st</sup>-day returns for >\$100mm IPOs in 2025 YTD: +31%; N=10).

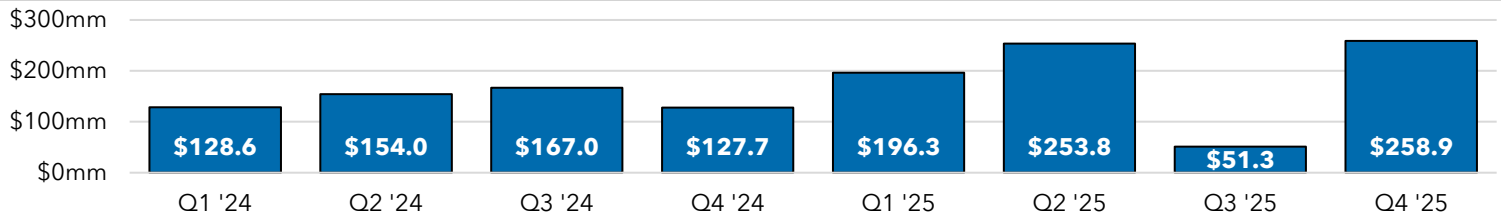
## Government shutdown continues to impact the IPO pipeline.

- The government shutdown continued to act as a meaningful headwind on IPO enthusiasm during October - with new issue activity effectively confined to only a small group of high-profile new entrants that initially submitted their respective S-1's prior to the start of the shutdown. Though the SEC confirmed in October that the removal of a specific (Rule 473(a)) delaying amendment on an S-1 filing would technically allow for automatic effectiveness following a 20-day period, most remain skeptical that the benefits of pursuing automatic effectiveness outweigh the risks over the near-term.<sup>(1)</sup>

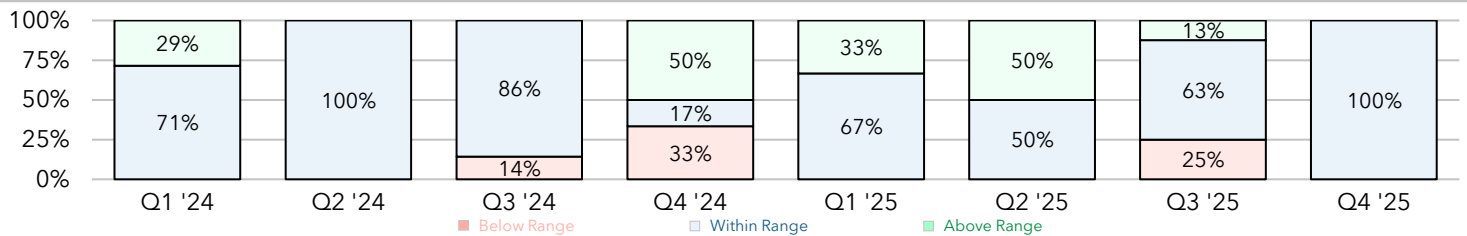
### IPO Aggregate Gross Proceeds Raised and Deal Volume (count) by Month (Last 12-Months)



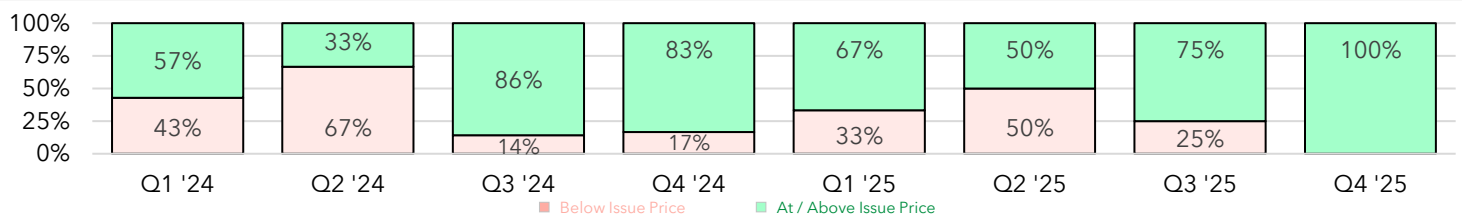
### Median Quarterly IPO Gross Proceeds by Quarter (Q1 2024 to Q4 2025)



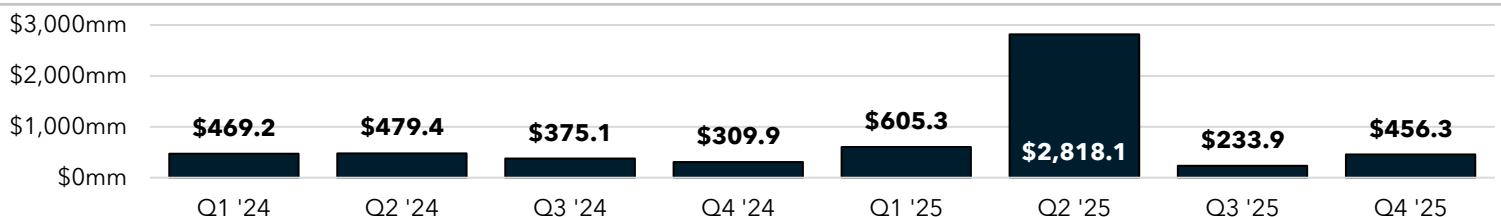
### IPO Pricing Performance (vs. Initial Range) by Quarter (Q1 2024 to Q4 2025)



### IPO 1<sup>st</sup> Day Performance by Quarter (Q1 2024 to Q4 2025)



### Median Fully Diluted Pre-Money Valuation at IPO by Quarter (Q1 2024 to Q4 2025)



(1): Source: SEC (<https://www.sec.gov/newsroom/whats-new/marked-updated-division-corporation-finance-actions-advance-potential-government-shutdown-october-9>).

Dataset includes transactions completed by life sciences-, med. tech., and diagnostics-focused issuers and excludes proceeds from secondary components, where applicable. Excludes IPOs with gross proceeds less than \$10mm in gross proceeds and those with warrant coverage, unless otherwise noted.

Sources: FactSet, Bloomberg, Dealogic, Brookline Capital Markets Investment Banking Data, US Food & Drug Administration Data.

Market and transaction data as of 4:00 PM on October 31, 2025, unless otherwise noted.

| Company               | Ticker | Indication                                            | Offer Date | Gross Proceeds Raised <sup>(1)</sup> | Pre-Money Equity Valuation <sup>(2)</sup> | Within Initial Range? | Disclosed Insider Part. (%) | % Change Offer / Current |
|-----------------------|--------|-------------------------------------------------------|------------|--------------------------------------|-------------------------------------------|-----------------------|-----------------------------|--------------------------|
| MapLight Therapeutics | MPLT   | CNS (Schizophrenia / M1/M4 Muscarinic Agonist)        | 10-27-25   | \$258.9mm                            | \$456.3mm                                 | In Range              | 21%                         | (0.5%)                   |
| LB Pharmaceuticals    | LBRX   | CNS (Acute Schizophrenia / Amisulpride Derivative)    | 09-11-25   | \$285.0mm                            | \$53.3mm                                  | In Range              | --                          | +7.5%                    |
| Picard Medical        | PMI    | Med. Tech. (Cardiovascular)                           | 08-29-25   | \$17.0mm                             | \$302.8mm                                 | In Range              | --                          | (31.3%)                  |
| Curanex Pharma        | CURX   | Immunology (Phyto-N)                                  | 08-26-25   | \$15.0mm                             | \$96.0mm                                  | In Range              | --                          | (83.1%)                  |
| Nasus Pharma          | NSRX   | Spec. Pharma (Intranasal Powder Delivery / Nasal Epi) | 08-13-25   | \$10.0mm                             | \$64.2mm                                  | Below                 | --                          | (0.6%)                   |
| Heartflow             | HTFL   | Med. Tech. (Cardiovascular)                           | 08-08-25   | \$316.7mm                            | \$1,367.8mm                               | Above                 | --                          | +95.6%                   |
| Shoulder Innovations  | SI     | Med. Tech. (Rotator Cuff Repair)                      | 07-31-25   | \$75.0mm                             | \$253.7mm                                 | Below                 | 6%                          | (21.9%)                  |
| CARLSMED              | CARL   | Med. Tech. (Spinal Surgery)                           | 07-23-25   | \$100.5mm                            | \$326.1mm                                 | In Range              | 33%                         | (14.1%)                  |
| CapsoVision           | CV     | Med. Tech. (Endoscopy Capsule)                        | 07-02-25   | \$27.5mm                             | \$214.0mm                                 | In Range              | 69%                         | (2.4%)                   |
| Caris Life Sciences   | CAI    | Med. Tech. (AI Oncology Diagnostics)                  | 06-18-25   | \$494.1mm                            | \$5,603.4mm                               | Above                 | 15%                         | +43.2%                   |
| Apimeds Pharma        | APUS   | CNS (Pain / Bee Venom)                                | 05-09-25   | \$13.5mm                             | \$32.8mm                                  | In Range              | 15%                         | (45.3%)                  |
| Kestra Med. Tech.     | KMTS   | Med. Tech. (Cardiovascular)                           | 03-06-25   | \$202.0mm                            | \$641.9mm                                 | Above                 | 5%                          | +61.1%                   |
| Aardvark Therapeutics | AARD   | Metabolic Diseases (Hyperphagia / TAS2Rs)             | 02-13-25   | \$94.2mm                             | \$260.7mm                                 | In Range              | 5%                          | (33.2%)                  |
| Sionna Therapeutics   | SION   | Pulmonary Diseases (CF / NBD1)                        | 02-07-25   | \$190.6mm                            | \$619.9mm                                 | In Range              | --                          | +112.3%                  |
| Metsera               | MTSR   | Metabolic Diseases (Obesity / GLP-1)                  | 01-31-25   | \$275.0mm                            | \$1,692.9mm                               | Above                 | --                          | +250.2%                  |
| Maze Therapeutics     | MAZE   | Metabolic Diseases (AKD / APOL1)                      | 01-31-25   | \$140.0mm                            | \$590.7mm                                 | In Range              | --                          | +105.7%                  |
| Beta Bionics          | BBNX   | Med. Tech. (Insulin Pump)                             | 01-30-25   | \$221.0mm                            | \$565.7mm                                 | In Range              | 13%                         | +60.1%                   |
| Jupiter Neurosciences | JUNS   | CNS (SIRT1)                                           | 12-03-24   | \$11.0mm                             | \$156.8mm                                 | Below                 | --                          | (64.3%)                  |
| Invizyne Technologies | IZTC   | Biomanufacturing (Synthetic Enzymes)                  | 11-12-24   | \$15.0mm                             | \$50.0mm                                  | Above                 | --                          | +80.0%                   |
| Septerna              | SEPN   | Endocrinology (PTH1R / Hypoparathyroidism)            | 10-25-24   | \$288.0mm                            | \$509.3mm                                 | Above                 | --                          | +14.4%                   |

(1): Excludes proceeds from overallotments, where applicable. Includes proceeds from concurrently announced transactions (e.g., concurrent PIPEs).

(2): Based on fully diluted shares outstanding immediately prior to offering.

Dataset includes transactions completed by life sciences-, med. tech-, and diagnostics-focused issuers and excludes proceeds from secondary components, where applicable. Excludes IPOs with gross proceeds less than \$10mm in gross proceeds and those with warrant coverage, unless otherwise noted.

Sources: FactSet, Bloomberg, Dealogic, Brookline Capital Markets Investment Banking Data, US Food & Drug Administration Data.

Market and transaction data as of 4:00 PM on October 31, 2025, unless otherwise noted.

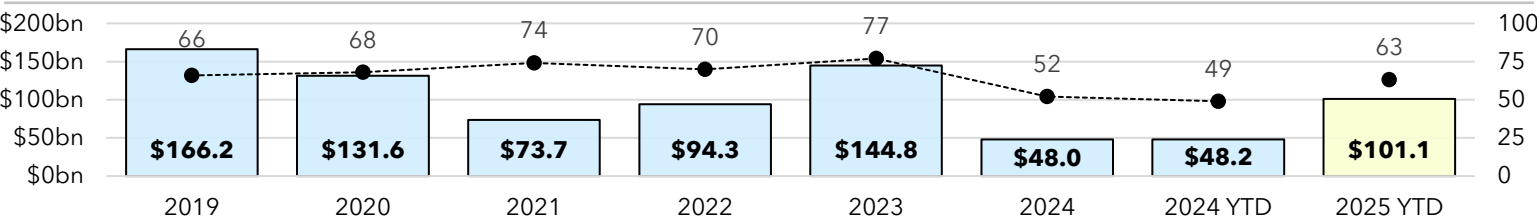
Elevated subsector M&A activity continued during October.

7 subsector acquisitions were announced for \$19.7bn in aggregate consideration during October, marking the 5<sup>th</sup> month of \$10bn+ of aggregate M&A volume during 2025 YTD. Notably, October's M&A flurry included the 2<sup>nd</sup> largest deal of the year (via Novartis's nearly \$11bn bid for Avidity Biosciences (RNA)) as well as a pair of \$1bn+ bids from Novo Nordisk and Alkermes for public company targets, Akero (AKRO; \$4.1bn proposed deal value) and Avadel (AVDL; \$1.9bn proposed deal value), respectively.

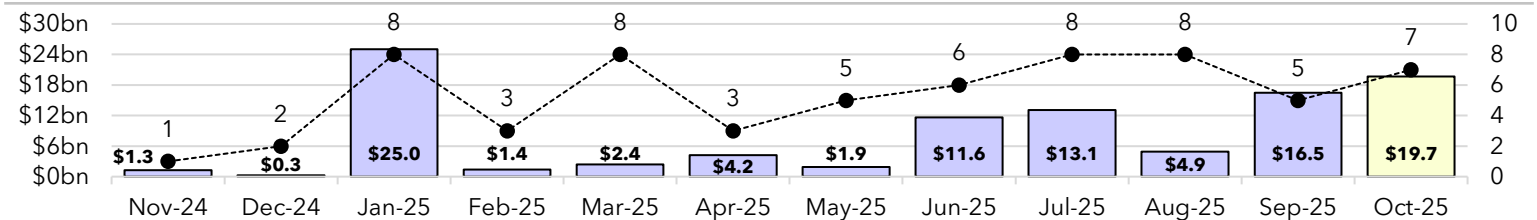
Overall subsector M&A activity during 2025 YTD eclipsed \$100bn during October.

With 63 acquisitions announced for \$101.1bn in aggregate consideration through the end of October, 2025 officially became the 4<sup>th</sup> year since 2019 to record \$100bn or more in aggregate M&A consideration. Though some remain hopeful that the cadence of M&A activity during the 1<sup>st</sup> 10 months of this year will continue apace during November and December - potentially propelling 2025 into contention with some of the strongest M&A years in recent memory - others believe acquirors are likely to exhibit greater patience over the near-term amidst elevated target company valuations.

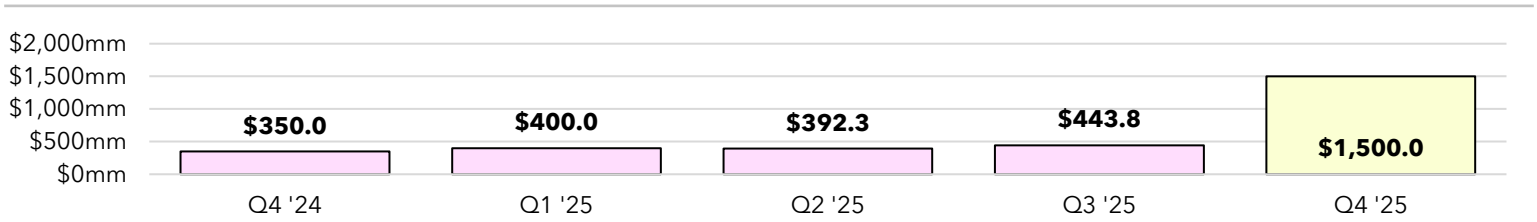
Annual M&A Aggregate Consideration and Deal Volume (count) (2019 to Curr.)



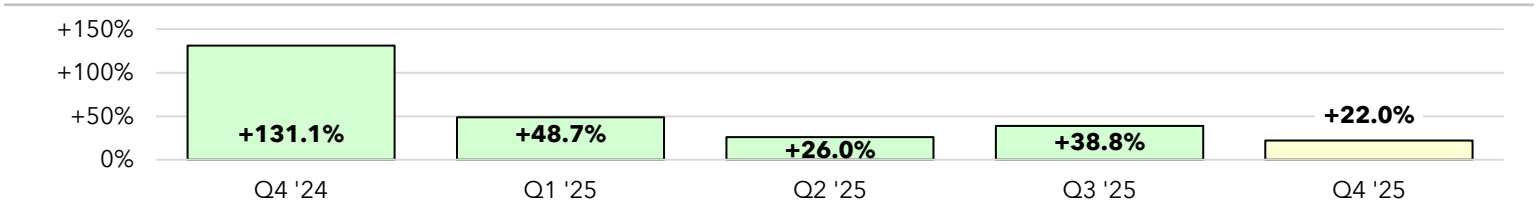
Monthly M&A Aggregate Consideration and Deal Volume (count) (Last 12-Months)



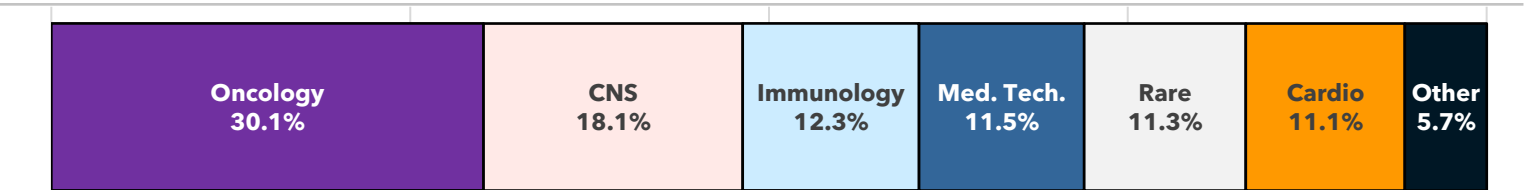
Median Consideration by Quarter (Q4 2024 to Current)



Median Premium to T-7 Close (Public Targets, Quarterly) (Q4 2024 to Current)



M&A Aggregate Consideration by Target's Lead Indication (\$, Last 12-Months)



Data exclude licensing deals and reverse mergers, if and where applicable, unless otherwise noted.  
Upfront consideration reflects total enterprise valuation and excludes any consideration related to CVRs or milestone payments.  
Sources: FactSet, Bloomberg, Dealogic, Brookline Capital Markets Investment Banking Data, US Food & Drug Administration Data.  
Market and transaction data as of 4:00 PM on October 31, 2025, unless otherwise noted.

Selected Recent Acquisitions of Subsector Public Companies

November 2025

| Target Company          | Target Ticker | Target Indication                        | Acquiror        | Date Announced | Upfront Consideration | Prem. to Last Close | Prem. to T-7 Close |
|-------------------------|---------------|------------------------------------------|-----------------|----------------|-----------------------|---------------------|--------------------|
| Avidity Biosciences     | RNA           | Rare (Gene Therapy / Muscle Diseases)    | Novartis        | 10-26-25       | \$10,817mm            | +46.5%              | +50.3%             |
| Adverum Biotechnologies | ADVM          | Ophthalmology (Wet AMD)                  | Eli Lilly       | 10-24-25       | \$121mm               | (14.8%)             | (17.0%)            |
| Avadel Pharmaceuticals  | AVDL          | CNS (GABA modulator / 505b2)             | Alkermes        | 10-22-25       | \$1,898mm             | +3.5%               | +22.0%             |
| Astria Therapeutics     | ATXS          | Rare (HAE / kallikrein mAb)              | BioCryst Pharma | 10-14-25       | \$700mm               | +53.5%              | +74.0%             |
| Akero Therapeutics      | AKRO          | Hepatology (MASH)                        | Novo Nordisk    | 10-09-25       | \$4,105mm             | +16.2%              | +16.4%             |
| Merus                   | MRUS          | Oncology (NRG1 Fusion Protein)           | Genmab          | 09-29-25       | \$7,990mm             | +40.8%              | +40.2%             |
| Metsera                 | MTSR          | Metabolic Diseases (Obesity / GLP-1)     | Pfizer          | 09-22-25       | \$4,920mm             | +42.6%              | +38.8%             |
| 89bio                   | ETNB          | Hepatology (MASH)                        | Roche           | 09-18-25       | \$2,313mm             | +79.5%              | +67.6%             |
| Tourmaline Bio          | TRML          | Immunology (FcRn / IL-16 inhibitor)      | Novartis        | 09-09-25       | \$1,192mm             | +59.0%              | +103.6%            |
| scPharmaceuticals       | SCPH          | Spec. Pharma (Drug Delivery)             | MannKind Corp.  | 08-25-25       | \$315mm               | +10.3%              | +11.9%             |
| STAAR Surgical          | STAA          | Med. Tech. (Ophthalmology)               | Alcon           | 08-05-25       | \$1,238mm             | +51.4%              | +50.7%             |
| Y-mAbs Therapeutics     | YMAB          | Oncology (GD2 mAb / HRNB)                | SERB            | 08-05-25       | \$350mm               | +105.3%             | +73.0%             |
| HilleVax                | HLVX          | Infectious (Norovirus Vaccine)           | XOMA Royalty    | 08-04-25       | \$98mm                | (4.4%)              | (8.5%)             |
| DURECT Corp.            | DRRX          | CNS (Pain)                               | Bausch Health   | 07-29-25       | \$63mm                | +216.6%             | +218.2%            |
| ZimVie, Inc.            | ZIMV          | Med. Tech. (Dental)                      | ArchiMed        | 07-21-25       | \$702mm               | +125.1%             | +112.8%            |
| Monogram Technologies   | MGRM          | Med. Tech. (joint implants)              | Zimmer Biomet   | 07-14-25       | \$580mm               | +22.8%              | +38.8%             |
| Verona Pharma           | VRNA          | Immunology (COPD / PDE3/PDE4 inhibitor)  | Merck           | 07-09-25       | \$9,840mm             | +23.2%              | +18.8%             |
| Turnstone Biologics     | TSBX          | Oncology (next-gen TIL)                  | XOMA Royalty    | 06-27-25       | \$8mm                 | +2.3%               | (9.3%)             |
| Verve Therapeutics      | VERV          | Cardiovascular Diseases (PCSK9 silencer) | Eli Lilly       | 06-17-25       | \$777mm               | +67.5%              | +64.4%             |
| SAGE Therapeutics       | SAGE          | CNS (Post-Partum Depression)             | Supernus Pharma | 06-16-25       | \$339mm               | +26.9%              | +24.8%             |

Data exclude licensing deals and reverse mergers, if and where applicable, unless otherwise noted.  
Upfront consideration reflects total enterprise valuation and excludes any consideration related to CVRs or milestone payments.  
Sources: FactSet, Bloomberg, Dealogic, Brookline Capital Markets Investment Banking Data, US Food & Drug Administration Data.  
Market and transaction data as of 4:00 PM on October 31, 2025, unless otherwise noted.

## Firm Overview

Brookline Capital Markets is a **premier healthcare-focused boutique investment bank** led by former executives of top Wall Street firms **focused on underwriting and growth capital for private and public companies** with a full suite of advisory capabilities



### Leadership With Decades of Industry Experience

**Brookline prides itself on taking an advisor's mentality to the complexities** facing life sciences, medical technology, and diagnostics companies in the capital markets



### Unique Distribution Network

We have a strong network of **difficult-to-reach fundamental investors** including **Family Offices, Ultra High Net Worth Individuals, and Industry Specialists**

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# Selected Recently Completed Transactions and Engagements

November 2025

|                                                                                                                                                              |                                                                                                                                                                   |                                                                                                                                                                       |                                                                                                                                                                             |                                                                                                                                                                                                       |                                                                                                                                                                                                           |                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>Ongoing Engagement<br/>Capital Markets Advisor</p>                       |  <p>Ongoing Engagement<br/>Capital Markets Advisor</p>                           |  <p>Ongoing Engagement<br/>Capital Markets Advisor</p>                               |  <p>Ongoing Engagement<br/>Capital Markets Advisor</p>                                     |  <p>Completed Engagement<br/>Capital Markets Advisor<br/>September 2025</p>                                         |  <p>Completed Engagement<br/>Capital Markets Advisor<br/>September 2025</p>                                            |  <p>Completed Engagement<br/>Capital Markets Advisor<br/>August 2025</p>                    |
|  <p>\$50,000,000<br/>Follow-On<br/>Financial Advisor<br/>August 2025</p>     |  <p>\$85,000,000<br/>Follow-On<br/>Co-Manager<br/>August 2025</p>                |  <p>\$172,500,000<br/>IPO<br/>Co-Manager<br/>August 2025</p>                         |  <p>Completed Engagement<br/>Capital Markets Advisor<br/>July 2025</p>                     |  <p>\$175,000,000<br/>IPO<br/>Co-Manager<br/>July 2025</p>                                                          |  <p>\$4,200,000<br/>Warrant Inducement<br/>Co-Solicitation Agent<br/>July 2025</p>                                     |  <p>\$75,000,000<br/>Follow-On<br/>Co-Manager<br/>June 2025</p>                             |
|  <p>\$11,500,000<br/>PIPE<br/>Co-Placement Agent<br/>June 2025</p>           |  <p>\$12,500,000<br/>PIPE<br/>Financial Advisor<br/>June 2025</p>                |  <p>\$7,000,000<br/>Follow-On<br/>Co-Placement Agent<br/>May 2025</p>                |  <p>\$65,000,000<br/>Follow-On<br/>Co-Manager<br/>May 2025</p>                             |  <p>\$3,250,000<br/>PIPE<br/>Co-Placement Agent<br/>May 2025</p>                                                    |  <p>\$5,000,000<br/>PIPE<br/>Exclusive Placement<br/>Agent<br/>May 2025</p>                                            |  <p>\$1,400,000<br/>Financial Advisor to<br/>Investor<br/>Secondary Sale<br/>April 2025</p> |
|  <p>\$2,350,000<br/>Follow-On<br/>Co-Placement Agent<br/>April 2025</p>     |  <p>\$1,550,000<br/>PIPE<br/>Exclusive Placement<br/>Agent<br/>April 2025</p>   |  <p>Completed Engagement<br/>Capital Markets Advisor<br/>April 2025</p>             |  <p>\$3,000,000<br/>Convertible Note<br/>Exclusive Placement<br/>Agent<br/>April 2025</p> |  <p>\$14,200,000<br/>Series F<br/>Convertible Preferred Stock<br/>Exclusive Placement<br/>Agent<br/>April 2025</p> |  <p>\$2,000,000<br/>ATM<br/>Sole Sales Agent<br/>April 2025</p>                                                       |  <p>\$4,200,000<br/>Follow-On<br/>Co-Placement Agent<br/>March 2025</p>                    |
|  <p>Completed Engagement<br/>Capital Markets Advisor<br/>February 2025</p> |  <p>Completed Engagement<br/>Capital Markets Advisor<br/>January 2025</p>      |  <p>\$9,500,000<br/>Follow-On<br/>Co-Placement Agent<br/>January 2025</p>          |  <p>\$1,850,000<br/>PIPE<br/>Exclusive Placement<br/>Agent<br/>December 2024</p>         |  <p>\$7,100,000<br/>PIPE<br/>Exclusive Placement<br/>Agent<br/>December 2024</p>                                  |  <p>\$6,950,000<br/>Series B<br/>Convertible Preferred Stock<br/>Exclusive Placement<br/>Agent<br/>December 2024</p> |  <p>Completed Engagement<br/>Capital Markets Advisor<br/>December 2024</p>                |
|  <p>\$16,100,000<br/>PIPE<br/>Co-Placement Agent<br/>December 2024</p>     |  <p>Completed Engagement<br/>Capital Markets Advisor<br/>December 2024</p>     |  <p>\$3,000,000<br/>Registered Direct<br/>Co-Placement Agent<br/>November 2024</p> |  <p>\$53,000,000<br/>PIPE<br/>Co-Placement Agent<br/>November 2024</p>                   |  <p>\$45,000,000<br/>Merger<br/>Capital Markets Advisor<br/>November 2024</p>                                     |  <p>\$496,300,000<br/>Merger<br/>Financial Advisor<br/>November 2024</p>                                             |  <p>\$7,000,000<br/>PIPE<br/>Exclusive Placement<br/>Agent<br/>November 2024</p>          |
|  <p>\$4,000,000<br/>US IPO<br/>Co-Manager<br/>November 2024</p>            |  <p>\$2,600,000<br/>Secondary Sale<br/>Introducing Agent<br/>November 2024</p> |  <p>\$3,500,000<br/>Secondary Sale<br/>Introducing Agent<br/>November 2024</p>     |  <p>\$1,275,000<br/>PIPE<br/>Exclusive Placement<br/>Agent<br/>October 2024</p>          |  <p>\$20,600,000<br/>PIPE<br/>Co-Placement Agent<br/>September 2024</p>                                           |  <p>\$4,000,000<br/>Registered Direct<br/>Co-Placement Agent<br/>September 2024</p>                                  |  <p>Completed Engagement<br/>Capital Markets Advisor<br/>September 2024</p>               |

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