

# Investment Banking | 2016-2017 Transactions YTD

As of June 13, 2017

\$35,420,000 <b>ShotSpotter</b> IPO SOLE BOOK-RUNNING MANAGER June 2017	\$29,498,000 <b>ASURE</b> FOLLOW-ON SOLE BOOK-RUNNING MANAGER May 2017	\$141,427,000 <b>MINDBODY</b> FOLLOW-ON CO-MANAGER May 2017	\$67,045,000 <b>SMART</b> IPO CO-MANAGER May 2017	\$26,600,000 <b>ASV</b> IPO SOLE BOOK-RUNNING MANAGER May 2017	\$16,000,000 <b>amsc</b> FOLLOW-ON CO-MANAGER May 2017	\$5,000,000 <b>BioPharmX</b> REGISTERED DIRECT SOLE PLACEMENT AGENT April 2017	\$9,288,000 <b>Biocept</b> REGISTERED DIRECT LEAD PLACEMENT AGENT March 2017	\$52,500,000 <b>valeritas</b> FOLLOW-ON CO-MANAGER March 2017	\$4,500,000 <b>Sphere3D</b> REGISTERED DIRECT PLACEMENT AGENT March 2017	\$2,250,000 <b>NEURALSTEM INC</b> WARRANT EXCHANGE FINANCIAL ADVISOR March 2017	CS\$14,996,000 <b>TAGOil</b> FOLLOW-ON CO-MANAGER March 2017	CS\$7,501,000 <b>TITAN MEDICAL</b> FOLLOW-ON CO-MANAGER March 2017	\$46,000,000 <b>meet.me</b> FOLLOW-ON BOOK-RUNNING MANAGER March 2017	
\$57,500,000 <b>TG Therapeutics</b> FOLLOW-ON CO-MANAGER March 2017	\$1,000,000 <b>EGI</b> ADVISORY FINANCIAL ADVISOR March 2017	\$10,004,000 <b>UNIPixel</b> FOLLOW-ON LEAD PLACEMENT AGENT February 2017	\$10,000,000 <b>Auris Medical</b> FOLLOW-ON SOLE BOOK-RUNNING MANAGER February 2017	\$5,009,000 <b>Moleculin</b> FOLLOW-ON JOINT BOOK-RUNNING MANAGER February 2017	\$6,000,000 <b>RGS ENERGY</b> REGISTERED DIRECT SOLE PLACEMENT AGENT February 2017	\$11,500,000 <b>RGS ENERGY</b> REGISTERED DIRECT SOLE PLACEMENT AGENT February 2017	\$10,209,000 <b>AIT</b> PIPE CO-PLACEMENT AGENT February 2017	\$51,750,000 <b>Stemline</b> FOLLOW-ON CO-MANAGER January 2017	\$50,400,000 <b>GENVEC</b> M & A ADVISORY FINANCIAL ADVISOR January 2017	\$86,250,000 <b>Zynerba</b> FOLLOW-ON CO-MANAGER January 2017	\$86,250,000 <b>MagnaChip</b> CONVERTIBLE SENIOR NOTES CO-MANAGER January 2017	\$1,200,000 <b>MAST</b> M & A ADVISORY FINANCIAL ADVISOR January 2017	\$1,200,000 <b>NEMUS</b> PIPE SOLE PLACEMENT AGENT January 2017	<b>tes the kebab shop</b> M & A ADVISORY January 2017
\$7,000,000 <b>AST INNOVATIONS</b> PIPE SOLE U.S. PLACEMENT AGENT December 2016	\$15,000,000 <b>LightPath</b> FAIRNESS OPINION FINANCIAL ADVISOR December 2016	\$79,350,000 <b>LOBSTER</b> FOLLOW-ON CO-MANAGER December 2016	\$1,500,000 <b>U.S. ENERGY CORP.</b> REGISTERED DIRECT SOLE PLACEMENT AGENT December 2016	\$24,037,000 <b>LIMBACH</b> FOLLOW-ON FINANCIAL ADVISOR December 2016	\$10,001,250 <b>NORTHWEST BIOTHERAPEUTICS</b> REGISTERED DIRECT FINANCIAL ADVISOR December 2016	\$40,020,000 <b>RECRO PHARMA</b> FOLLOW-ON CO-MANAGER December 2016	\$15,594,000 <b>ASURE</b> FOLLOW-ON SOLE BOOK-RUNNING MANAGER December 2016	\$57,500,000 <b>Pharming</b> CONVERTIBLE NOTES LEAD U.S. PLACEMENT AGENT December 2016	\$37,600,000 <b>Pharming</b> SENIOR NOTES LEAD U.S. PLACEMENT AGENT December 2016	\$68,800,000 <b>Pharming</b> RIGHTS OFFERING LEAD U.S. PLACEMENT AGENT December 2016	\$15,000,000 <b>SenesTech</b> IPO SOLE BOOK-RUNNING MANAGER December 2016	\$24,427,000 <b>Redfish</b> FOLLOW-ON SOLE BOOK-RUNNING MANAGER December 2016	\$15,000,000 <b>Redfish</b> REGISTERED DIRECT LEAD PLACEMENT AGENT December 2016	\$9,680,000 <b>LightPath</b> FOLLOW-ON SOLE BOOK-RUNNING MANAGER December 2016
\$51,700,000 <b>HUDSON</b> FOLLOW-ON CO-MANAGER December 2016	\$18,515,000 <b>IRIDEX</b> FOLLOW-ON CO-MANAGER December 2016	\$19,320,000 <b>POLAR POWER</b> IPO JOINT BOOK-RUNNING MANAGER December 2016	\$82,747,000 <b>RING ENERGY, INC.</b> FOLLOW-ON CO-MANAGER December 2016	\$86,250,000 <b>NeuroDerm</b> FOLLOW-ON CO-MANAGER December 2016	\$763,000 <b>Medigus</b> REGISTERED DIRECT FINANCIAL ADVISOR December 2016	\$5,000,000 <b>US</b> PIPE PLACEMENT AGENT December 2016	\$40,259,000 <b>GLOBAL GILBERT</b> FOLLOW-ON CO-MANAGER December 2016	\$16,500,000 <b>Emisphere</b> FAIRNESS OPINION FINANCIAL ADVISOR December 2016	\$16,500,000 <b>FALATIN</b> FOLLOW-ON LEAD MANAGER November 2016	\$12,500,000 <b>ACTIVE POWER</b> FAIRNESS OPINION FINANCIAL ADVISOR November 2016	\$150,000,000 <b>BioPharmX</b> FOLLOW-ON SOLE BOOK-RUNNING MANAGER November 2016	\$150,000,000 <b>PDL BioPharma</b> CONVERTIBLE DEBT CO-MANAGER November 2016	\$4,001,000 <b>AMPLPHI</b> FOLLOW-ON SOLE BOOK-RUNNING MANAGER November 2016	\$80,300,000 <b>HANSON ARMSTRONG</b> FOLLOW-ON JOINT BOOK-RUNNING MANAGER November 2016
\$107,200,000 <b>Quantenna</b> IPO CO-MANAGER October 2016	\$500,000 <b>NEMUS</b> PIPE SOLE PLACEMENT AGENT October 2016	\$7,560,000 <b>Caspion</b> REGISTERED DIRECT CO-PLACEMENT AGENT October 2016	\$6,600,000 <b>OPT</b> FOLLOW-ON SOLE BOOK-RUNNING MANAGER October 2016	\$10,010,000 <b>Biocept</b> FOLLOW-ON JOINT BOOK-RUNNING MANAGER October 2016	\$350,000,000 <b>HORIZON</b> ADVISORY DOCUMENTATION AGENT October 2016	\$201,825,000 <b>NEKTAR</b> FOLLOW-ON CO-MANAGER October 2016	\$85,000,000 <b>sonnen</b> SERIES D SOLE PLACEMENT AGENT October 2016	\$136,364,000 <b>Azure Power</b> IPO CO-MANAGER October 2016	\$5,750,000 <b>SUPERIOR</b> FOLLOW-ON SOLE BOOK-RUNNING MANAGER October 2016	\$1,275,000 <b>Delcath</b> FOLLOW-ON SOLE BOOK-RUNNING MANAGER October 2016	\$10,000,000 <b>Academia</b> FOLLOW-ON SOLE BOOK-RUNNING MANAGER October 2016	\$15,189,000 <b>OxfordBioMedica</b> PIPE SOLE U.S. PLACEMENT AGENT September 2016	\$22,500,000 <b>Roka</b> PIPE SOLE PLACEMENT AGENT September 2016	\$9,890,000 <b>Capricor</b> FOLLOW-ON JOINT BOOK-RUNNING MANAGER September 2016
\$107,036,000 <b>CallidusCloud</b> FOLLOW-ON CO-LEAD MANAGER September 2016	CS\$11,468,000 <b>TITAN MEDICAL</b> FOLLOW-ON U.S. SELLING AGENT September 2016	\$1,470,000 <b>Medigus</b> REGISTERED DIRECT LEAD PLACEMENT AGENT September 2016	\$2,800,000 <b>RGS ENERGY</b> FOLLOW-ON SOLE BOOK-RUNNING MANAGER September 2016	\$287,500,000 <b>Inphi</b> CONVERTIBLE NOTES CO-MANAGER September 2016	\$40,000,000 <b>LUCAS ENERGY</b> DEBT FACILITY FINANCIAL ADVISOR August 2016	\$80,698,000 <b>Segundo Resources, LLC</b> M & A ADVISORY FINANCIAL ADVISOR August 2016	\$30,200,000 <b>SKK mabi</b> FAIRNESS OPINION FINANCIAL ADVISOR August 2016	\$15,800,000 <b>AAA Leclanché</b> PRIVATE PLACEMENT CO-MANAGER August 2016	\$284,625,000 <b>EllieMae</b> FOLLOW-ON CO-MANAGER August 2016	\$5,875,000 <b>Check Cap</b> REGISTERED DIRECT FINANCIAL ADVISOR August 2016	\$50,000,000 <b>Argos</b> FOLLOW-ON CO-MANAGER August 2016	\$17,308,000 <b>VG</b> FOLLOW-ON CO-MANAGER August 2016	\$4,274,000 <b>Empyr</b> PRIVATE PLACEMENT PLACEMENT AGENT July 2016	\$4,000,000 <b>OPT</b> REGISTERED DIRECT SOLE PLACEMENT AGENT July 2016
\$5,000,000 <b>XG TECHNOLOGY, INC.</b> FOLLOW-ON JOINT BOOK-RUNNING MANAGER July 2016	\$142,708,000 <b>LightPath</b> FAIRNESS OPINION FINANCIAL ADVISOR July 2016	\$42,708,000 <b>BRUSHY</b> M & A ADVISORY FINANCIAL ADVISOR June 2016	\$49,915,000 <b>EARTHSTONE</b> FOLLOW-ON FINANCIAL ADVISOR June 2016	\$10,000,000 <b>TONIX</b> FOLLOW-ON JOINT BOOK-RUNNING MANAGER June 2016	\$17,100,000 <b>cytori</b> RIGHTS OFFERING FINANCIAL ADVISOR June 2016	\$12,371,000 <b>matrix</b> PIPE SOLE PLACEMENT AGENT May 2016	\$67,200,000 <b>DR DATARAM</b> FAIRNESS OPINION FINANCIAL ADVISOR June 2016	\$23,975,000 <b>VBL</b> REGISTERED DIRECT FINANCIAL ADVISOR June 2016	\$16,500,000 <b>pietris</b> PIPE FINANCIAL ADVISOR June 2016	\$980,000 <b>XG TECHNOLOGY, INC.</b> REGISTERED DIRECT SOLE PLACEMENT AGENT May 2016	\$35,000,000 <b>Delcath</b> CONVERTIBLE SENIOR NOTES SOLE PLACEMENT AGENT June 2016	\$1,918,000 <b>OPT</b> REGISTERED DIRECT LEAD PLACEMENT AGENT June 2016	\$5,200,000 <b>Intellipharma</b> FOLLOW-ON FINANCIAL ADVISOR June 2016	\$5,000,000 <b>AMPLPHI</b> REGISTERED DIRECT LEAD PLACEMENT AGENT June 2016
\$152,000,000 <b>REG</b> CONVERTIBLE SENIOR NOTES SOLE PLACEMENT AGENT June 2016	\$16,677,000 <b>GG STAFFING, INC.</b> FOLLOW-ON JOINT BOOK-RUNNING MANAGER June 2016	\$2,747,000 <b>EP</b> PRIVATE PLACEMENT PLACEMENT AGENT May 2016	<b>JOOLZ</b> M & A ADVISORY May 2016	\$9,229,000 <b>UNIPixel</b> FOLLOW-ON SOLE BOOK-RUNNING MANAGER May 2016	\$50,000,000 <b>CvoScience</b> FOLLOW-ON CO-MANAGER May 2016	<b>YUMA ENERGY, INC.</b> FAIRNESS OPINION May 2016	\$15,000,000 <b>Farmer Brothers</b> PRIVATE SALE SOLE SELLING AGENT May 2016	\$51,319,000 <b>NV5</b> FOLLOW-ON SOLE BOOK-RUNNING MANAGER May 2016	\$18,500,000 <b>PhaseRx</b> IPO JOINT BOOK-RUNNING MANAGER May 2016	\$980,000 <b>XG TECHNOLOGY, INC.</b> REGISTERED DIRECT SOLE PLACEMENT AGENT May 2016	\$1,080,000 <b>NEURALSTEM INC</b> PIPE FINANCIAL ADVISOR May 2016	\$5,000,000 <b>sophiris</b> REGISTERED DIRECT SOLE PLACEMENT AGENT May 2016	\$8,000,000 <b>NEURALSTEM INC</b> FOLLOW-ON SOLE BOOK-RUNNING MANAGER May 2016	\$16,754,000 <b>RVL</b> FOLLOW-ON SOLE BOOK-RUNNING MANAGER May 2016
\$25,395,000 <b>valeritas</b> PIPE CO-PLACEMENT AGENT May 2016	\$8,372,000 <b>GLOBAL WATER</b> IPO SOLE MANAGER April 2016	\$5,000,000 <b>Biocept</b> REGISTERED DIRECT FINANCIAL ADVISOR April 2016	<b>SYNTA</b> M&A ADVISORY FINANCIAL ADVISOR April 2016	\$20,000,000 <b>Tigo</b> SERIES C ADVISOR April 2016	\$750,000 <b>quantum</b> CONVERTIBLE NOTES SOLE PLACEMENT AGENT April 2016	\$15,000,000 <b>LUCAS ENERGY</b> PIPE SOLE PLACEMENT AGENT April 2016	\$10,000,000 <b>RGS ENERGY</b> CONVERTIBLE SECURED SENIOR NOTES SOLE PLACEMENT AGENT April 2016	\$1,277,000 <b>gazillion</b> PRIVATE PLACEMENT PLACEMENT AGENT March 2016	CS\$17,313,000 <b>TITAN MEDICAL</b> FOLLOW-ON U.S. SELLING AGENT March 2016	\$3,342,000 <b>CELATOR</b> FOLLOW-ON SOLE BOOK-RUNNING MANAGER March 2016	\$43,700,000 <b>Celator</b> FOLLOW-ON CO-MANAGER March 2016	\$6,825,000 <b>Heat Biologics</b> FOLLOW-ON JOINT BOOK-RUNNING MANAGER March 2016	\$6,700,000 <b>BioBlast Pharma</b> REGISTERED DIRECT PLACEMENT AGENT March 2016	\$10,000,000 <b>QuickLogic</b> FOLLOW-ON LEAD BOOK-RUNNING MANAGER March 2016
\$4,061,000 <b>Capricor</b> REGISTERED DIRECT CO-MANAGER March 2016	\$8,678,000 <b>PARAMOUNT GOLD</b> FAIRNESS OPINION March 2016	\$12,075,000 <b>CF</b> FOLLOW-ON CO-MANAGER March 2016	\$13,000,000 <b>中国易达</b> FAIRNESS OPINION March 2016	\$129,999,000 <b>PRETIVM</b> FOLLOW-ON CO-MANAGER March 2016	\$3,557,000 <b>XG TECHNOLOGY, INC.</b> FOLLOW-ON SOLE PLACEMENT AGENT February 2016	\$6,300,000 <b>GREAT BASIN</b> FOLLOW-ON SOLE BOOK-RUNNING MANAGER February 2016	<b>pershing gold</b> ADVISORY FINANCIAL ADVISOR February 2016	\$8,320,000 <b>ITM POWER</b> ADVISORY February 2016	CS\$12,706,000 <b>TITAN MEDICAL</b> FOLLOW-ON U.S. SELLING AGENT February 2016	\$8,000,000 <b>MAST</b> FOLLOW-ON SOLE BOOK-RUNNING MANAGER February 2016	\$7,726,000 <b>ROYALE ENERGY, INC.</b> ATM PROGRAM SOLE AGENT January 2016	\$15,000,000 <b>ESSA</b> PIPE FINANCIAL ADVISOR January 2016	<b>POWER</b> FAIRNESS OPINION FINANCIAL ADVISOR January 2016	\$21,750,000 <b>GALENA</b> FOLLOW-ON CO-MANAGER January 2016