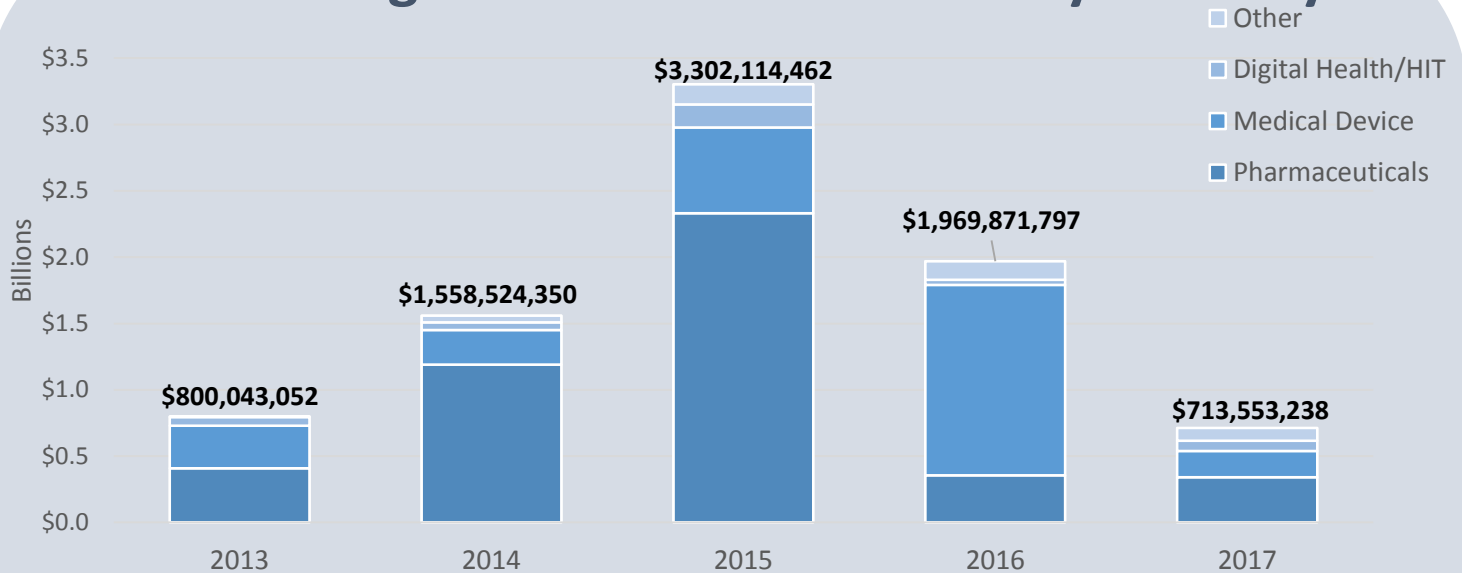


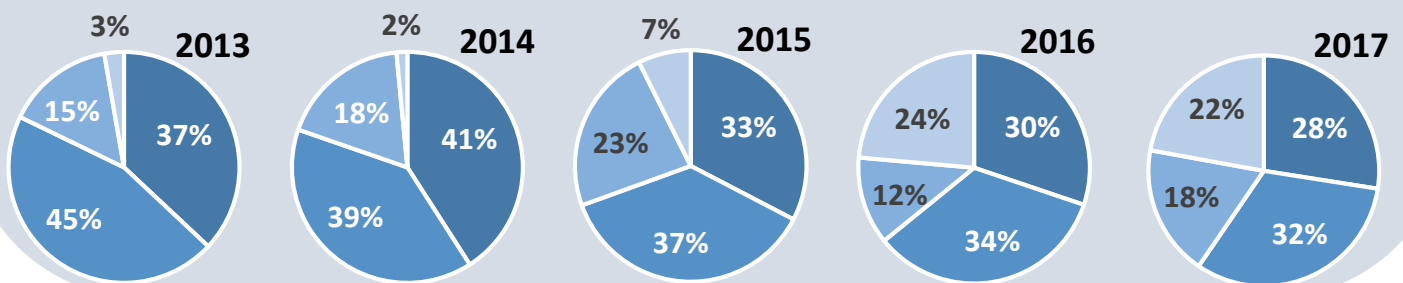
A monthly report summarizing the Life Science transactions and trends in Washington State.

Washington State Transactions by Industry



Deals by Sector

*As of November 30th



Highlights

- M3 Biotechnology** raised \$14.11 million of Series A venture funding in a deal led by Bruce Montgomery and Michael Montgomery. The W Fund, WRF Capital and other undisclosed investors also participated in the round. The company plans to use the funding to file for a Phase 1 clinical trial for its lead compound, MM-201.
- Arzeda Corp.** raised \$15.2 million of Series A venture funding in a deal led by OS Fund and Bioeconomy Capital. Casdin Capital, Sustainable Conversion Ventures, Universal Materials Incubator and WRF Capital also participated in the round. The company will use the funds to increase the throughput capacity of its proprietary protein design platform and product development pipeline, focusing on delivering novel proteins and biological pathways that are prepared for commercial production.
- Frazier Healthcare Partners** announced the closing of Frazier Life Sciences IX, L.P., exceeding its goal and finishing at nearly \$419 million in capital commitments in an oversubscribed fundraise.

This report is prepared by Christina Cantillo. Questions or comments? Contact christina@lifesciencewa.org.

**The data in this report are compiled from publicly disclosed information and is not independently verified by Life Science Washington.

Washington Life Science Transactions 2017

Date	Company	Type	Amount	Date	Company	Type	Amount
01/01/17	Adaptive Biotechnologies	SBIR	\$519,759	04/24/17	MPIRICA Health	Equity	\$4,600,000
01/01/17	Group Health Cooperative	Grant	\$249,179	04/27/17	Cardiac Insight	Equity	\$2,510,000
01/01/17	Lumithera, Inc	SBIR	\$140,000	04/28/17	Ventec Life Systems	Equity	\$7,000,000
01/02/17	PAI Life Science	SBIR	\$1,380,664	05/02/17	Briotech	Equity	\$450,000
01/05/17	Klar Scientific	SBIR	\$210,000	05/15/17	Oricula Therapeutics	Equity	\$300,000
01/05/17	Aqueduct Critical Care, Inc	Debt	\$2,010,000	05/15/17	Strive Tech	Equity	\$200,000
01/05/17	PVP Biologics	Partnership	\$35,000,000	05/17/17	Nativis, Inc	Equity	\$210,000
01/12/17	OtoNexus Medical Technologies	Equity	\$7,849,073	05/17/17	SafKan	Grant	\$145,000
01/13/17	Vicis, Inc	Debt	\$4,100,000	05/18/17	LiteSprite	Equity	\$160,000
01/18/17	Carena	Debt	\$1,500,000	05/19/17	Vesiflo, Inc	Equity	\$567,007
01/25/17	KenSci	Equity	\$8,500,000	05/19/17	Healthy Minds Group	Equity	\$80,000
01/31/17	Kineta	Equity/Debt	\$250,000	05/24/17	Genoa Pharmaceuticals	Equity	\$62,000,000
02/01/17	ActX	Equity	\$1,250,000	05/25/17	VerAvanti	Equity	\$540,000
02/07/17	Visualant Inc	Other	\$218,751	05/25/17	Breast Microseed	Debt	\$991,598
02/07/17	Bellwether Bio	Debt	\$2,750,000	05/26/17	CS Insights	Debt	\$200,000
02/08/17	Vesiflo, Inc	Equity	\$2,403,492	05/26/17	Membrion	Grant	\$25,000
02/09/17	Visualant Inc	Equity	\$106,666	06/07/17	Stasys Medical	Equity	\$1,250,000
02/15/17	Omega Labs Inc	Equity/Debt	\$25,000	06/11/17	Carena	Debt	\$4,500,000
02/15/17	Joylux	Equity	\$1,500,000	06/13/17	Arivale	Equity	\$13,600,000
02/21/17	Cyrus Biotechnology	Equity	\$1,040,000	06/13/17	LabConnect	Equity	\$24,500,000
02/21/17	Faraday Pharmaceuticals	Equity	\$28,949,480	06/14/17	Vicis	Equity	\$19,800,000
02/23/17	Clocktree Systems Inc	Debt	\$600,000	06/14/17	Xealth	Equity	\$8,630,000
02/23/17	Nativis, Inc	Equity	\$9,368,795	06/14/17	CytoDyn	Debt	\$1,150,000
02/27/17	DMD Therapeutics	Grant	\$400,000	06/21/17	MalarVx	Equity	\$1,050,000
02/28/17	Kineta, Inc.	Debt	\$47,250	06/22/17	Blaze Bioscience	Debt	\$550,000
02/28/17	Kineta, Inc.	Debt	\$5,000,000	06/27/17	Aortica	Other	\$1,025,000
03/02/17	KitoTech Medical	Equity	\$494,993	06/27/17	DocToMe, Inc	Equity	\$155,000
03/07/17	Kineta Viral Hemorrhagic Fever, LLC	Equity	\$33,750	06/29/17	Juno	Equity	\$1,691,831
03/10/17	Gestalt Diagnostics	Equity	\$2,575,000	06/30/17	Nortis, Inc	Debt	\$125,000
03/14/17	Visualant Inc	Equity	\$33,333	07/05/17	Phytelligence	Equity	\$7,000,000
03/17/17	Altopa, Inc	Equity/Debt	\$1,412,372	07/13/17	Para.linq	Equity	\$4,200,000
03/23/17	Sound Pharmaceuticals	Grant	\$1,600,000	07/14/17	ActX	Equity	\$3,110,000
03/27/17	RightSciences LLC	Equity	\$20,000	07/17/17	Nortis, Inc	Equity	\$320,000
03/27/17	BloomAPI, Inc.	Equity	\$250,000	07/19/17	Solstice	Debt	\$1,000,000
03/30/17	Magnolia Medical Technologies, Inc.	Equity	\$7,249,997	07/20/25	Arzeda	Equity	\$12,000,000
03/30/17	Ave Maria Biotechnology	Equity	\$200,000	07/24/17	Alpine Immune Sciences	Equity	\$17,000,000
04/07/17	ID Genomics	Equity	\$680,000	07/25/17	Rodeo Therapeutics	Equity	\$5,900,000
04/13/17	M3 Biotechnology	Equity	\$1,400,000	07/26/17	ELoupes	Debt	\$1,250,000
04/18/17	Vicis, Inc	Debt	\$1,200,000	07/27/17	Cyrus Biotechnology	Equity	\$8,050,000
04/20/17	Vesiflo, Inc	Equity	\$330,000	07/31/17	VIOME, Inc.	Equity	\$15,000,000
					Kineta Immuno-		
				08/03/17	Oncology, LLC	Equity	\$9,000
				08/03/17	Kineta Chronic Pain, LLC	Equity	\$15,000

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Washington Life Science Transactions 2017

Date	Company	Type	Amount	Date	Company	Type	Amount
08/03/17	Aida (senior Care)	Equity	\$240,000	11/20/17	Nativis, Inc.	Equity	\$1,000,000
08/16/17	SiDx	Equity	\$1,549,998	11/21/17	AVM Biotechnology, LLC	Equity	\$3,715,000
08/18/17	Growlife, Inc.	Equity	\$1,105,000	11/24/17	Growlife, Inc.	Equity	\$100,000
08/22/17	IUNU, INC.	Equity	\$6,312,372	11/21/17	Klatu Networks, Inc.	Equity	\$1,000,000
09/05/17	Proniras Corp	Equity	\$2,800,000	11/22/17	Benefit Solutions, Inc.	Equity	\$3,750,000
9/6/2017	Cardiac Insight	Equity	\$4,500,000	11/27/17	Phase Genomics	Debt	\$1,000,001
09/07/17	Aqueduct Critical Care, Inc	Debt	\$640,000	11/28/17	Kineta, Inc.	Equity	\$191,600
09/12/17	Kineta, Inc.	Equity	\$5,500,000	11/29/17	Mavupharma, Inc.	Equity	\$20,000,000
09/12/17	Growlife, Inc.	Equity	\$100,000	11/30/17	Arzeda Corp.	Equity	\$15,200,000
	TwinStrand Biosciences, Inc.			2017 Running Total (Nov. 30th)			\$713,553,238
09/13/17	Inc.	Equity	\$5,280,338				
09/13/17	Petriage, Inc.	Equity	\$249,500				
09/19/17	ChoiceMap	Equity	\$220,080				
09/19/17	98Point6 Inc.	Equity	\$29,080,710				
09/22/17	Kineta, Inc. (2)	Debt	\$9,000,000				
09/22/17	MarqMetrix, Inc.	Equity	\$1,040,001				
09/28/17	EchoNous	Equity	\$35,000,000				
10/05/17	Juno Therapeutics, Inc.	Equity	\$31,091,407				
10/09/17	Blaze Bioscience	Equity	\$16,108,197				
10/10/17	DocToMe, Inc.	Equity	\$690,000				
10/11/17	PharmID	Equity	\$1,045,000				
10/12/17	Opticyte	Debt	\$72,250				
	Cadence Child & Adolescent Therapy						
10/17/17	Adolescent Therapy	Equity	\$1,240,000				
10/17/17	KardioFit	Equity	\$3,767,196				
10/17/17	Inside Out Medicine, Inc.	Equity/Debt	\$300,000				
10/23/17	Kineta, Inc.	Equity	\$24,369,000				
10/27/17	LAXCO, Inc.	Equity	\$1,000,000				
10/31/17	LumiThera, Inc.	Equity	\$5,500,000				
11/01/17	M3 Biotechnology	Equity	\$14,120,000				
11/03/17	Growlife, Inc.	Equity	\$10,000				
	Pala.linq Social Purpose Corp.						
11/08/17	Corp.	Equity	\$2,400,000				
11/10/17	Nativis, Inc.	Equity	\$35,530,000				
11/13/17	RightSciences, LLC	Equity	\$435,000				
	Clario Medical Imaging, Inc.						
11/14/17	Inc.	Equity	\$735,000				
11/16/17	Nohla Therapeutics, Inc.	Equity	\$32,356,803				
11/16/17	Kineta, Inc.	Debt	\$25,884				
11/16/17	CytoDyn, Inc.	Equity	\$1,199,900				
11/16/17	Vyrtty Corp.	Equity	\$500,000				
11/16/17	Droneseed, Inc.	Equity	\$5,067,047				
11/17/17	Carbitex, Inc.	Equity	\$3,799,991				