

# COLORADO BY THE NUMBERS:

## A 2011 UPDATE ON COLORADO'S GROWING BIOSCIENCE INDUSTRY

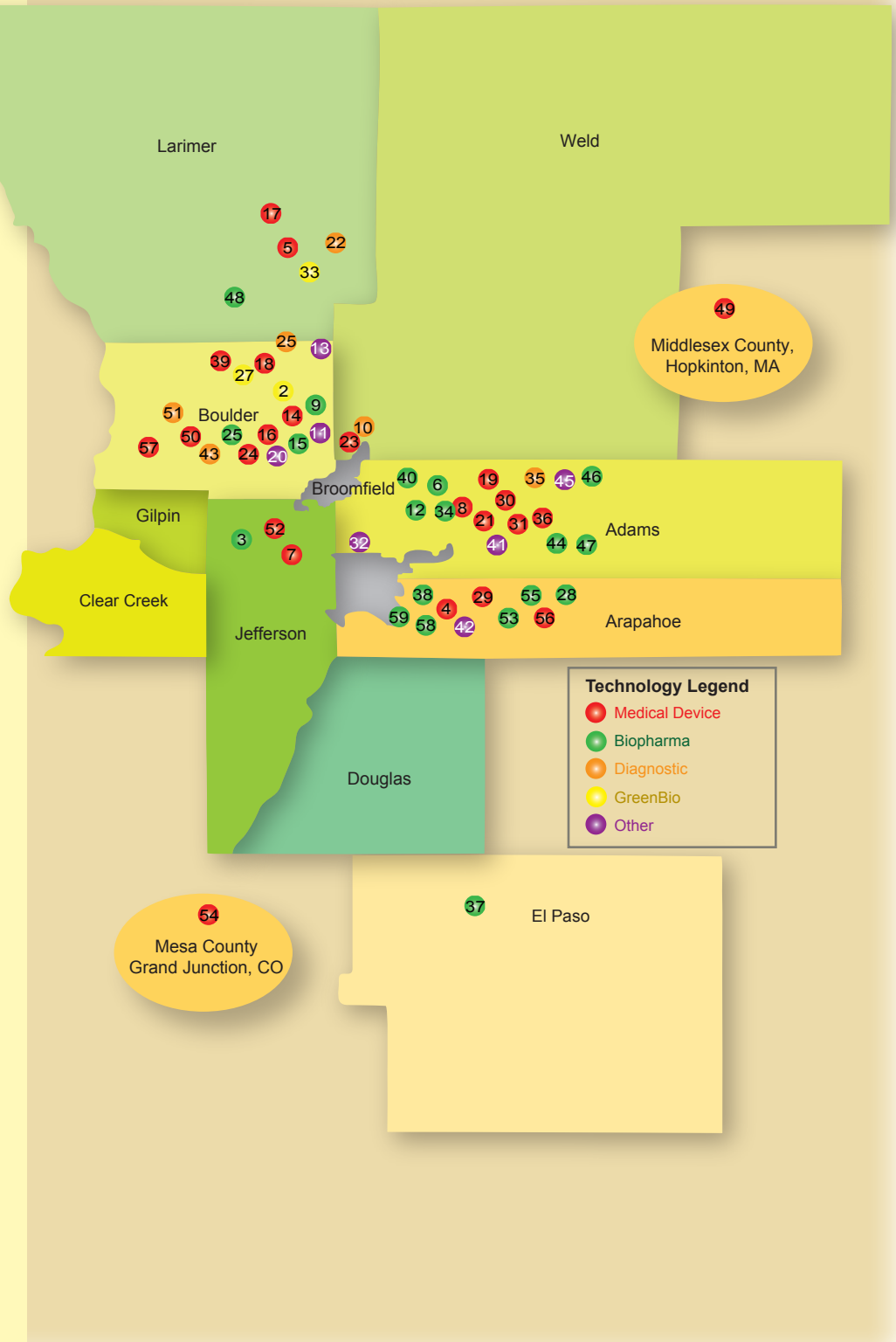
In 2009 the Internal Revenue Service, in conjunction with the Department of Health and Human Services, approved applications for the Qualifying Therapeutic Discovery Bioscience Project Program, from applicants who demonstrated significant potential to produce new therapies to treat areas of unmet medical need or to prevent, detect or treat chronic or acute disease and conditions, significantly advance the goal of curing cancer within thirty years, and/or reduce the long-term growth of healthcare costs in the U.S. Under the program, a total amount of \$1 billion was allocated for credits and grants with a \$5 million limit per each eligible applicant. Over sixty Colorado-based life science entities qualified for and received nearly \$25M in Therapeutic Discovery Grant awards, with amounts ranging from \$60,000 to over \$1,400,000.



Company	2009	2010
1 Accelr8 Technology Corporation	\$244,479	\$0
2 Actium Biosystems, LLC	\$0	\$244,479
3 Allos Therapeutics, Inc	\$1,466,875	\$0
4 ApopLogic Pharmaceuticals, Inc	\$306,732	\$0
5 Aqueous Biomedical Inc.	\$70,737	\$155,000
6 ARCA Biopharma Inc	\$488,959	\$0
7 ArcScan, Inc.	\$244,479	\$0
8 AspenBio Pharma Inc	\$244,479	\$0
9 Beacon Biotechnology LLC	\$180,127	\$64,352
10 BioAMPS International, Inc	\$0	\$183,913
11 Biodesix Inc	\$844,318	\$354,617
12 BioOptix Diagnostics, Inc.	\$227,575	\$16,904
13 Bolder Biotechnology Inc.	\$326,913	\$865,232
14 Cell Point	\$244,479	\$0
15 CeMines Inc	\$197,726	\$0
16 Cerapedics Inc	\$733,438	\$0
17 CereScan Corp	\$244,479	\$0
18 Chata Biosystems, Inc	\$67,800	\$176,680
19 Clovis Oncology Inc	\$244,479	\$244,479
20 Corgenix Medical Corporation	\$26,250	\$72,500
21 Crestone, Inc	\$46,133	\$199,725
22 EndoShape, Inc	\$191,838	\$209,035
23 Eveia Medical, Inc	\$0	\$244,479
24 Generations Medical Partners LLC	\$0	\$244,479
25 GlobeImmune, Inc.	\$730,828	\$2,610
26 Greffex, Inc	\$244,479	\$0
27 Hiberna Corporation	\$63,551	\$33,592
28 ICVRX LLC	\$0	\$244,479
29 Inviragen, Inc	\$357,493	\$131,466
30 Isogenis, Inc	\$244,479	\$0
31 Kestrel Labs, Inc	\$244,479	\$0
32 Lanx, Inc.	\$119,000	\$125,479
33 Leap Frogg, LLC	\$189,970	\$54,510
34 MBC Pharma Inc	\$244,479	\$0
35 Micro-Imaging Solutions LLC	\$244,479	\$0
36 MicroPhage Inc	\$488,958	\$0
37 Miragen Therapeutics, Inc.	\$244,479	\$0
38 Myocept, Inc	\$78,224	\$166,255
39 N30 Pharmaceuticals, LLC	\$0	\$244,479
40 Ocutronics, LLC	\$76,411	\$168,068
41 Otologics, LLC	\$244,479	\$0
42 Parascript, LLC	\$244,479	\$0
43 PARE Surgical, Inc.	\$127,457	\$117,022
44 Pathogen Systems d/b/a Crystal Dx	\$244,479	\$0
45 PharmaJet Inc	\$91,876	\$152,603
46 Precision Photonics Corp dba mBio Dx	\$244,479	\$0
47 ProFoldRx, Inc dba BaroFold, Inc	\$0	\$244,479
48 Protectstyle Corporation	\$0	\$244,479
49 Pyxant Labs Inc	\$0	\$98,733
50 Quest Product Development Corp	\$488,959	\$0
51 Rocky Mountain Biosystems, Inc.	\$273,760	\$0
52 Somalogic Inc	\$1,439,985	\$465,382
53 Sophono Inc	\$82,121	\$162,358
54 Source MDx	\$527,795	\$205,643
55 St Cardio Technologies	\$186,139	\$58,341
56 St. Renatus LLC	\$244,479	\$0
57 Sundance Diagnostics, Inc	\$244,479	\$0
58 Surefire Medical, Inc.	\$12,576	\$231,903
59 ValveXchange, Inc	\$244,479	\$0
60 Ventria Bioscience	\$389,918	\$281,541
61 Vitrolife Inc	\$244,479	\$0
<b>Total</b>	<b>\$15,790,024</b>	<b>\$6,709,299</b>

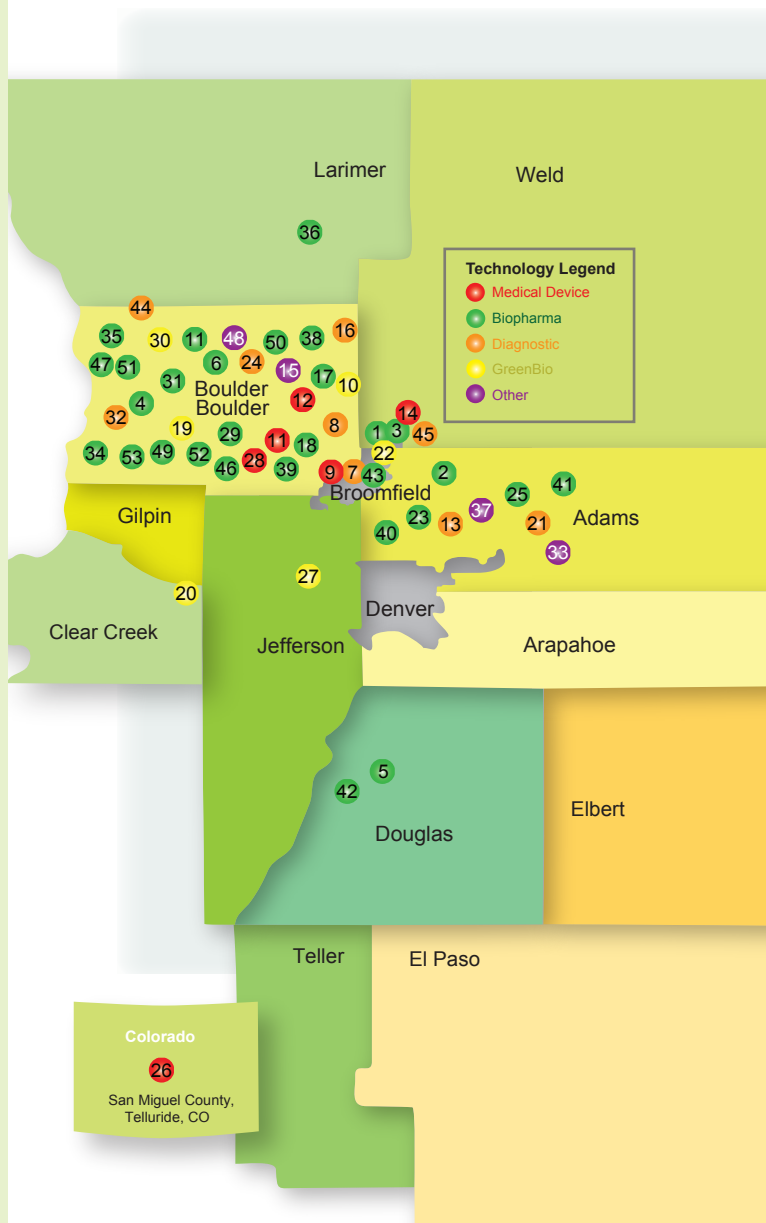
- 1 3Q Matrix
- 2 A2BE Carbon Capture
- 3 Accuthera
- 4 Advanced Headache Intervention
- 5 Advanced Microlabs
- 6 ApopLogic Pharmaceuticals
- 7 ArcScan Inc.
- 8 Beacon Biotechnology
- 9 BioAMPS International
- 10 Biodesix
- 11 BlueSun
- 12 Caveo Therapeutics
- 13 Chemizon
- 14 Clarimedix
- 15 CycleGen
- 16 EndoShape
- 17 FireFly Medical
- 18 Fluonic
- 19 HepQuant
- 20 Hiberna
- 21 Illumasonix
- 22 KromatidTiD
- 23 Lanx
- 24 Locomotion
- 25 mBio Diagnostics
- 26 Miragen Pharmaceuticals
- 27 OPX Biotechnologies
- 28 Onco Theix
- 29 pico-tesla Magnetic Therapies
- 30 Precision Biopsy
- 31 Sierra Neuropharmaceuticals
- 32 Snoasis Medical
- 33 Solix Biofuels
- 34 Taiga Biotechnologies
- 35 Tissue Genetics
- 36 ValveXchange
- 37 V-Clip Pharmaceuticals
- 38 Ventrus Biosciences
- 39 Vitrumed
- 40 MycoLogics
- 41 AmideBio
- 42 Analytical Research System
- 43 InDevR
- 44 Qgenta
- 45 Allogenesi
- 46 Western States Biopharma
- 47 Isogenis
- 48 Tolmar
- 49 Biotricity Medical
- 50 Actium Biosystems, LLC
- 51 Eveia Medical, Inc
- 52 Medical Partners LLC
- 53 ICVRX LLC
- 54 Leap Frogg, LLC
- 55 Myocept
- 56 Ocutronics, LLC
- 57 Sophono
- 58 Peptivir
- 59 Ariel Pharma

## NEW COMPANIES FORMED 2007-PRESENT

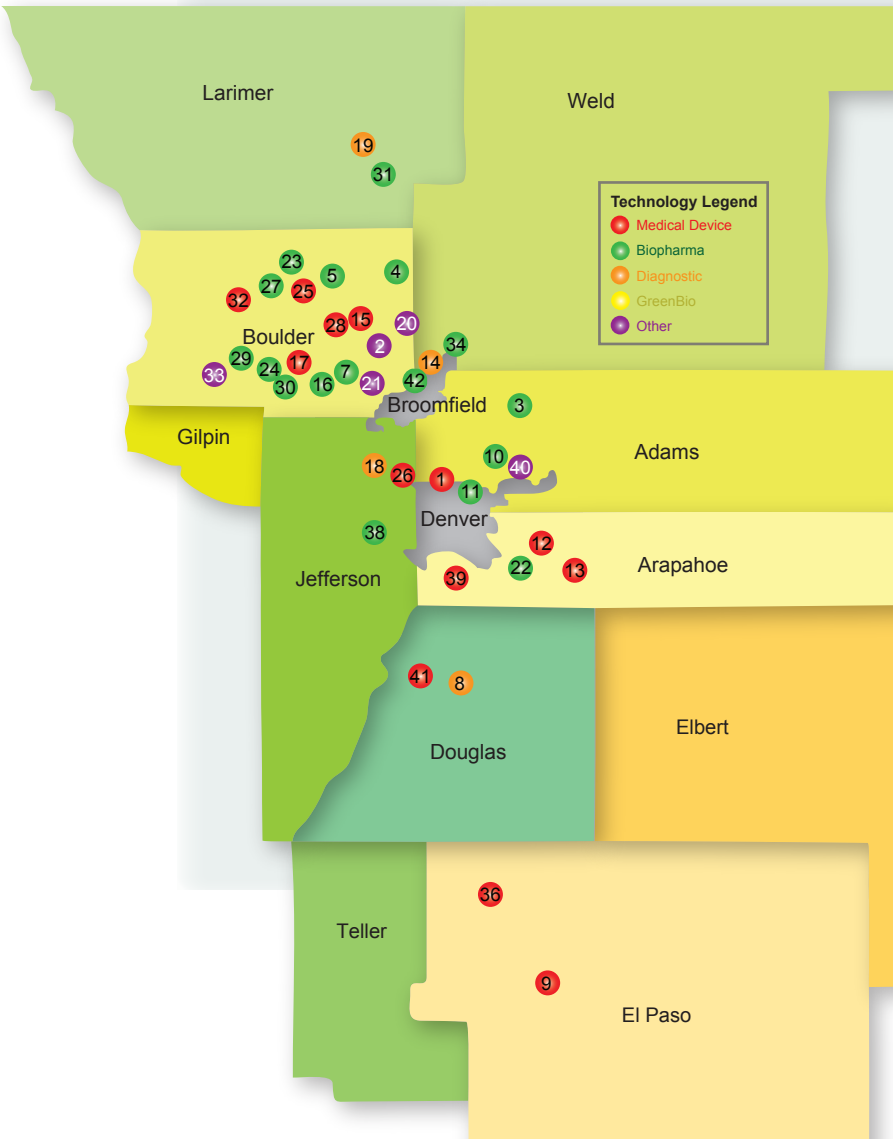


## INSTITUTIONAL FINANCINGS 2007 TO PRESENT

COMPANY	ROUND/EVENT	VALUE (\$M)
1 Accera Series C	C	\$35.0
2 AllosTherapeutics Secondary	\$65.2	
Allos Therapeutics Secondary	Secondary	\$50.5
3 ARCA biopharma	Series B	18.0
4 Array Biopharma	Debt + Warrants	\$80.0
5 Aspen BioPharma	Secondary	\$18.2
6 BaroFold	Series A	\$12.0
7 Biodesix	Series B	Undisclosed
8 BiOptix	Series B	Undisclosed
9 CeraPedics		\$12.3
10 Evolutionary Genomics	Series A	\$5.0
11 GlobeImmune	Series C	\$41.2
12 IBalance Medical	Series A	\$13.5
13 Illumasonix	Series A	Undisclosed
14 Lanx	Series A	\$25.0
15 MD-IT	Series B	\$11.0
16 Microphage	Series A	\$11.0
17 Miragen	Series A	\$8.0
18 N30 Pharma	Series A	Undisclosed
19 OPX Biotechnologies	Series A	\$3.6
20 OberonFMR Series A	\$1.0	
21 Precision Biopsy	Series A	Undisclosed
22 Range Fuels	Series B	\$130.0
23 Sierra Neuropharma	Series A	\$21.5
24 SomaLogic	Series D	\$35.0
25 Taligen Therapeutics	Series B	\$65.0
26 TheraTogs	Series A	\$1.1
27 Luca Technologies	Series C	\$76.0
28 Medivance	Series E	\$8.1
29 Clovis Oncology	Series A	\$146.0
30 OPX Biotechnologies	Series B	\$17.5
31 CeraPedics	Series B	\$14.5
32 BiOptix	Series A	\$3.0
33 AmideBio	Seed	Undisclosed
34 GlobeImmune	Series E	\$17.5
35 GlobeImmune	Milestone payment	\$40.0
36 Inviragen	Series A	\$15.0
37 Sharklet	Series A	\$1.5
38 miRagen	Series A2	\$ 4.0
39 Array Biopharma	Debt + Warrants	\$40.0
40 BioAMPs	Seed	\$0.1
41 Allos Therapeutics	Secondary	\$93.0
42 AspenBio Pharma	Secondary	\$8.7
43 Accera	Series D	\$11.0
44 SomaLogic	Series E	\$15.0
45 Biodesix	Series C	\$7.1
46 GlobeImmune	Series E	\$17.5
47 N30 Pharma	Series B	\$17.5
<b>Sub-total   Capital Raises</b>		<b>\$1,788.1</b>
48 Dharmacon	Acquired	\$80.0
49 Sima	Acquired	\$1,100.0
50 Pharmion	Acquired	\$2,900.0
51 Myogen	Acquired	\$2,500.0
52 RxKinetix	Acquired	\$115.0
53 Insmad	Acquired	\$130.0
<b>Sub-total   Exits</b>		<b>\$6,825.0</b>
<b>Total   Capital Infused to Colorado</b>		<b>\$8,613.1</b>



## COLORADO-BASED AND RELATED PUBLIC COMPANIES



1	Accelr8 Technology	AMEX: AXK
2	Agilent Technologies	NYSE: A
3	Allos Therapeutics	NASDAQ: ALTH
4	Alpharma Animal Health/ King Pharma	NYSE: KG
5, 6	Amgen	NASDAQ: AMGN
7	Array Biopharma	NASDAQ: ARRY
8	AspenBio Pharma	NASDAQ: APPY
9	B2 Health	NASDAQ: BTWO
10	BioNovo	NASDAQ: BNVI
11	Ceragenix Pharmaceuticals	OTC BB: CGXP.OB
12	Cochlear Americas	ASX: COH
13	Conmed	NASDAQ: CNMD
14	Corgenix Medical	NASDAQ: CONX.OB
15	Covidien	NYSE: COV
16	Dharmacon/ Thermo Fischer Scientific	NYSE: TMO
17	Encision	NASDAQ: ECIA.OB
18	GeneThera	NASDAQ: GTHR.PK
19	Heska	NASDAQ: HSKA
20	Hospira	NYSE: HSP
21	InB:Paxis / Hauser CRO/ Integrated BioPharma	NASDAQ: INBP
22	Inhibiton Therapeutics	NASDAQ: IHBT
23	Insmid	NASDAQ: INSM
24	Martek Biosciences	NASDAQ: MATK
25	Medtronic	NYSE: MDT
26	Mesa Labs	NASDAQ: MLAB
27	Myogen/Gilead	NASDAQ: GILD
28	OrthoNextx	NASDAQ: ANTX.OB
29	OSI Pharmaceuticals	NASDAQ: OSIP
30	Pharmion/Celgene	NASDAQ: CELG
31	QLT	NASDAQ: QLTI
32	Replidyne/ CardioVascular Systems	NASDAQ: RDYN
33	Roche Colorado	VTX: ROG.VX
34	Sandoz	NYSE: NVS
36	Spectranetics	NASDAQ: SPNC
38	The Sorin Group	MTAX: SRN.MI
39	VitroLife	SEK: VITR
40	Xelr8 Holdings	AMEX: BZI
41	Zynex	NASDAQ: ZYXI.OB
42	ARCA biopharma	NASDAQ: ABIO

## COLORADO RECENT FINANCINGS JANUARY 2011

■ Green-Bio 
 ■ Biopharma 
 ■ Medical Device 
 ■ Diagnostic 
 ■ Other

COMPANY	CITY/ZIP	ROUND/EVENT	VALUE (\$M)	TECHNOLOGY/PRODUCT
1 Accera	Broomfield / 80021	Series C	\$35.00	Medical Foods   CNS
2 Allos Therapeutics	Westminster / 80020	Secondary	\$65.20	Small molecule THx   Oncology
3 Allos Therapeutics	Westminster / 80020	Secondary	\$50.50	Small molecule THx   Oncology
4 ARCA biopharma	Broomfield / 80021	Series B	\$18.00	Small molecule THx   Cardiovascular
5 Array Biopharma	Boulder / 80301	Debt + Warrants	\$80.00	Small molecule THx   Oncology
6 Aspen BioPharma	Castle Rock / 80104	License Agreement	Undisclosed	Protein THx and Dx   Reproduction, Appendicitis
7 Aspen BioPharma	Castle Rock / 80104	Secondary	\$18.20	Protein THx and Dx   Reproduction, Appendicitis
8 Arterain Medical	Atlanta / 30313	Series A	Undisclosed	
9 BaroFold	Boulder / 80301	Series A	\$12.00	Protein THx   Immunologic disorders
10 Biodesix	Broomfield / 80021	Series B	Undisclosed	Dx Platform   Oncology
11 BiOptix	Boulder / 80301	Series B	Undisclosed	Dx Platform   Infectious Disease
12 Ceragenix	Denver / 80202	Milestone payment	\$1.00	Medical Device   Infectious Disease
13 Ceragenix	Denver / 80202	Milestone payment	\$1.50	Medical Device   Infectious Disease
14 CeraPedics	Broomfield / 80021	Series A financing	\$12.30	Medical Device   Bone Graft
15 Evolutionary Genomics	Lafayette / 80026	Series A	\$5.00	Biofuels Greentech
16 GlobelImmune	Louisville / 80027	Series C	\$41.20	Discovery and development of potent, targeted molecular immunotherapies
17 iBalance Medical	Boulder / 80301	Series A	\$13.50	Medical Device   Orthopedic
18 Illumasonix	Aurora / 80045	Series A	Undisclosed	Dx Platform   Cardiovascular
19 Lanx	Broomfield / 80021	Series A	\$25.00	Medical Device   Orthopedic
20 MD-IT	Boulder / 80301	Series B	\$11.00	Telemedicine   Electronic Records
21 MedShape Solutions	Atlanta / 30318	Series A	Undisclosed	
22 Microphage	Longmont / 80503	Series A	\$11.00	Dx Platform   Infectious Disease
23 Miragen	Boulder / 80301	Series A	\$8.00	miRNA   Cardiovascular
24 N30 Pharma	Boulder / 80301	Series A	Undisclosed	Small molecule THx   Respiratory
25 OPX Biotechnologies	Boulder / 80301	Series A	\$3.60	Biofuels Greentech
26 OberonFMR	Idaho Springs / 80452	Series A	\$1.00	Biofuels Greentech
27 Precision Biopsy	Aurora / 80045	Series A	Undisclosed	Dx Platform   Oncology
28 Range Fuels	Broomfield / 80021	Series B	\$130.00	Biofuels Greentech
29 Sierra Neuropharma	Aurora / 80045	Series A	\$21.50	Small molecule THx   CNS
30 SomaLogic	Boulder / 80301	Series D	\$35.00	Dx Platform   Various Diseases
31 Taligen Therapeutics	Aurora / 80045	Series B	\$65.00	Protein THx   Inflammation
32 TheraTogs	Telluride / 84135	Series A	\$1.10	Medical Device   Orthopedic
33 Luca Technologies	Golden / 80401	Series C	\$76.00	Biofuels Greentech
34 Accera	Broomfield / 80021	Series D	\$11.00	Medical Foods   CNS
35 SomaLogic	Boulder / 80301	Series E	\$15.00	Dx Platform   Various Diseases
36 Biodesix	Broomfield / 80021	Series C	\$7.10	Dx Platform   Oncology
37 GlobelImmune	Louisville / 80027	Series E	\$17.50	Discovery and development of potent, targeted molecular immunotherapies
38 N30 Pharma	Boulder / 80301	Series B	\$17.50	Small molecule THx   Respiratory
<b>Total Capital Raises</b>			<b>\$809.70</b>	
39 Dharmacon	Lafayette / 80026	Acquired	\$80.00	RNAi oligos
40 Sirna	Boulder / 80301	Acquired	\$1,100.00	RNAi THx   Oncology
41 Pharmion	Boulder / 80301	Acquired	\$2,900.00	Small molecule THx   Oncology
42 Myogen	Boulder / 80301	Acquired	\$2,500.00	Small molecule THx   Cardiology
43 RxKinetix	Louisville / 80027	Acquired	\$115.00	Small molecule THx   Oncology
<b>Total Exits</b>			<b>\$5,515.00</b>	
<b>TOTAL Capital infused to Colorado</b>			<b>\$6,324.70</b>	