



贝达药业

BETTA
PHARMACEUTICALS

2020年年度报告

Annual Report

年度报告摘要

贝达药业股份有限公司 BETTA PHARMACEUTICALS CO., LTD.

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.....	36
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.....	87
.....	93
.....	94
.....	209

) (

413,162,913

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		2020 1 1 2020 12 31
BETA		Beta Pharma Inc.
NMPA		
CDE		
GMP		
		/
		NMPA I II III IV
		Ensartinib X-396 X396
		ALK 1
CM082 Vorolanib X82		VEGFR
		PDGFR
MIL60		Avastin®

EGFR		
EGFR-TKI		EGFR
		900
		10 ⁻⁹
		10,000
NSCLC		
ASCO		(American Society of Clinical Oncology)
CSCO		Chinese Society of Clinical Oncology

			300558
	Betta Pharmaceuticals Co.,Ltd		
		355	
	311100		
		355	
	311100		
	www.bettapharma.com		
	betta0107@bettapharma.com		

	355	355
0571-		

	61



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	2020	2019	2018	
	-1,697,214.12	285,454.26	-74,036.12	
			1,392,414.30	
	27,099,989.59	27,837,438.36	29,861,875.10	
	3,120,259.50		2,858,479.81	
	-13,308,998.15	-1,710,817.13	-1,016,460.99	
	289,909,689.61			
	32,683,232.07	3,902,475.31	4,959,838.03	
	8,783.15	4,627.02		
	272,431,711.21	22,504,973.16	28,062,434.07	--

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2003

10

90

2020

TKI

7

54%

10

70

9

1

EGFR-TKI

28

2000

2

EGFR

EGFR-TKI

80

SCI

200

6

EGFR-TKI

10

700

1 CONVINCENCE

EGFR

NSCLC

EGFR-TKI EGFR

/

NSCLC

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EGFR

PFS

Lung Cancer

3 BRAIN EGFR-TKI III
 3 EGFR BRAIN
 EGFR NSCLC
 The Lancet Respiratory Medicine)

4 INCREASE 21-L858R 19-Del
 21-L858R
 Clinical Cancer Research

5 EVIDENCE EGFR
 III NSCLC EGFR-TKI
 EVIDENCE EGFR NSCLC
 2020 9 NMPA 2020 10

EGFR-TKI TKI
 ALK
 2020 11 ALK NSCLC
 1

ORR 51.9% ALK DCR 87.3% PFS
 11.2

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EHS

GMP

GMP

GMP

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30

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2020

154.30

20.83%

187,026.63

20.36%

33,392.89

60.30%

1

EGFR-TKI

TKI

TKI

EGFR-TKI

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2020 11

ALK

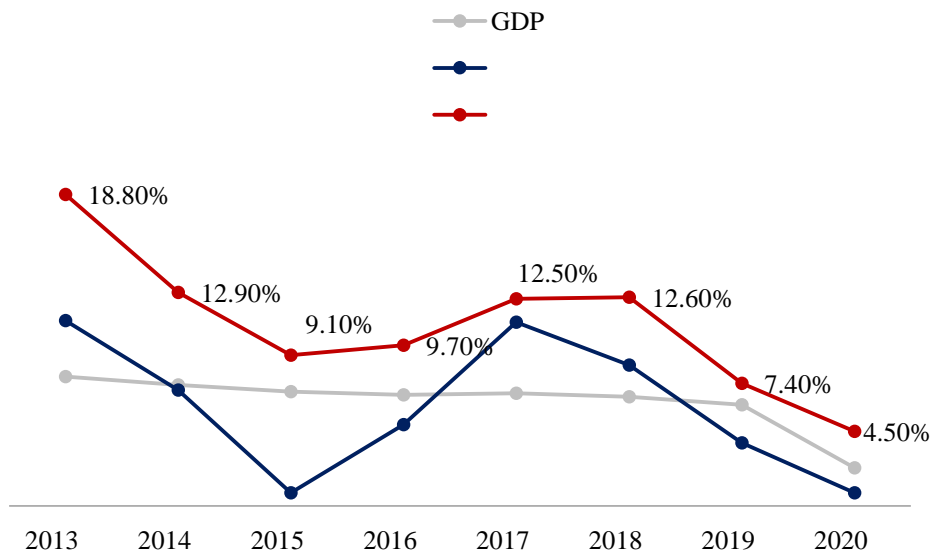
4

C27

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4.5% 2020 12.8% GDP 1

1 2013 -2020 GDP



2020

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2019

2020

2019 12

2020 8

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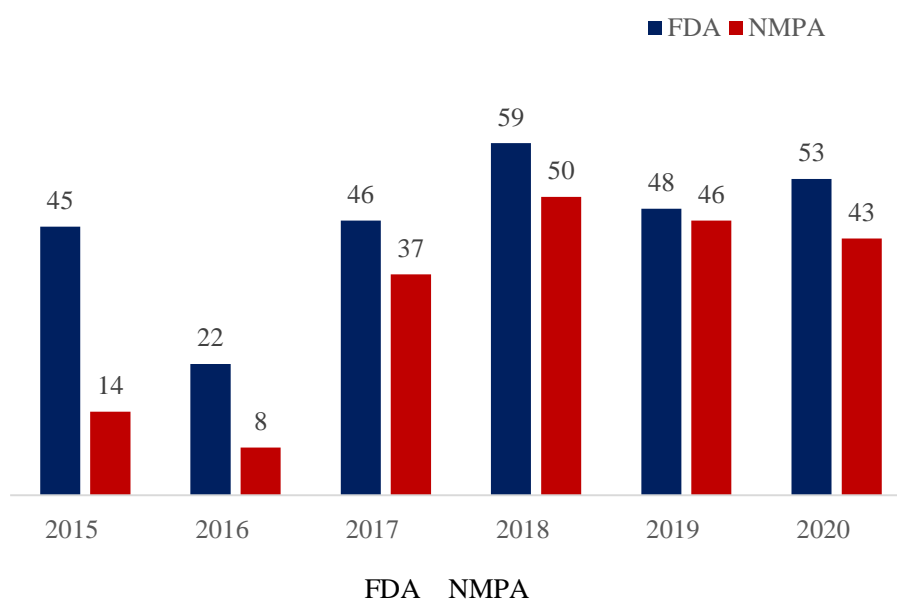
2015 2019

14.6% 13.5%

2 2015 2020 FDA NMPA
FDA 2017

NMPA

2 2015 -2020 FDA\NMPA



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2020 1

CDE

2019 5 CDE

2

ALK

1

	15,582.54	131.25%	Agenus
	4,918.81	43.80%	X396&CM082
	53,783.00	93.57%	
	4,937.67	3,464.54%	

90

EGFR-TKI

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48.20% 43.41%

39.69%

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10
300

90

SUCCESS

POST ASCO

BEST CSCO-Young

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Agenus Merus

PD-1 /

CTLA-4 MCLA-129 BPI-D0316

MIL60

MIL60 BPI-D0316

NDA MCLA-129

IND

CM082

w-AMD

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JIABING

WANG

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HONG LAN()

CMC

LIANG DENG

WENXIN XU

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2020

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2020 11

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ALK

39.69%

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2020

7.42

2

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BLA/NDA

4

/

IND

BPI-28592

BPI-23314

BPI-361175 BPI-21668

2

2020

INCREASE

Clinical Cancer Research

CM082

EbioMedicine

2 TKI

2020

18

2019

20.72%

EGFR-TKI

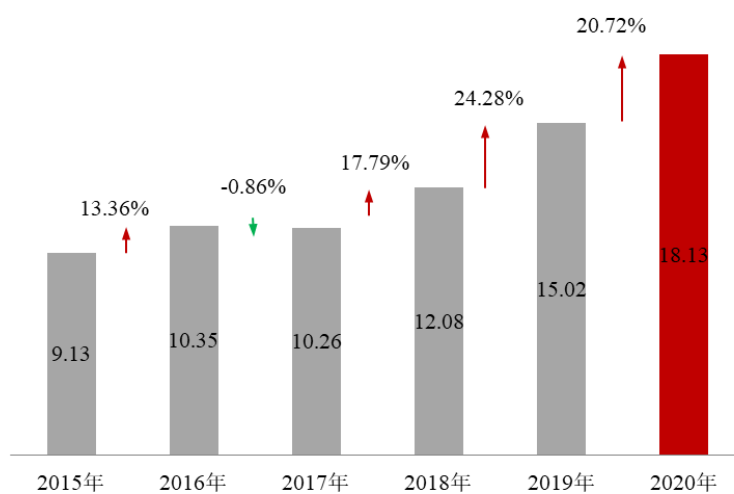
TKI

EGFR-TKI

80

SCI

4 2015-2020



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2020	2	Equinox Sciences, LLC	EyePoint Pharmaceuticals, Inc.(NASDAQ EYPT)
		EYPT	Vorolanib(CM082)
		w-AMD	2020 2 5
		EYPT Vorolanib	2020-007
2020	6	Agenus Inc.(NASDAQ: AGEN)	
		Zalifrelimab CTLA-4	Balstilimab PD-1
		PD-1 CTLA-4	2020 6 22
		MIL60	2020 6
		BLA MCLA-129	2021 3
BPI-D0316	2021 3	NDA	PD-1 2021 3
			IND

4

		MIL60 BPI-D0316	
		CDMO	
		CM082	
2020		250	4.76%
			100%

BPI-43487 BPI-28592 BPI-361175

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2020 10,138,621 10
 J.P.Morgan Securities plc UBS AG 14

2

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NMPA

		2	BLA	
	EGFR NSLCLC	2.4	NDA	
	EGFR-TKI T790	1	NDA	

® 2020 9 NMPA

MIL60

®

2

2020

10%

		1		
	EGFR	2003/3/28- 2023/3/27	1	

2023 2032

1

2

1

	2020		2019		
	1,870,266,314.97	100%	1,553,924,255.01	100%	20.36%
	1,870,266,314.97	100.00%	1,553,924,255.01	100.00%	20.36%
	1,824,073,603.54	97.53%	1,501,824,533.94	96.65%	21.46%
	17,881,509.44	0.96%	16,467,264.15	1.06%	8.59%
	20,003,143.75	1.07%	34,609,656.92	2.23%	-42.20%
	8,308,058.24	0.44%	1,022,800.00	0.06%	712.29%
	1,863,741,414.97	99.65%	1,553,924,255.01	100.00%	19.94%
	6,524,900.00	0.35%			

2

10%

	1,870,266,314.97	138,898,408.96	92.57%	20.36%	32.00%	-0.66%
	1,824,073,603.54	108,634,066.68	94.04%	21.46%	38.57%	-0.74%
	1,863,741,414.97	138,898,408.96	92.55%	19.94%	32.00%	-0.68%

3

			2020	2019	
			1,543,010	1,277,093	20.82%
-			2,552,717	2,436,643	4.76%
			861,188	934,992	-7.89%

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		2020		2019		
		108,634,066.68	78.22%	78,395,278.53	74.50%	38.57%
		17,881,509.44	12.87%	16,467,264.15	15.65%	8.59%
		10,920,605.15	7.86%	9,336,197.26	8.87%	16.97%
		1,462,227.69	1.05%	1,028,800.00	0.98%	42.13%

6

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	1,013,578,507.43
	54.20%
	0.00%

5

1		521,347,330.08	27.88%

2		275,176,102.97	14.71%
3		84,504,083.37	4.52%
4		84,276,120.05	4.51%
5		48,274,870.96	2.58%
	--	1,013,578,507.43	54.20%

		209,648,054.24
		25.53%
		0.00%

5

1	IQVIA Biotech LLC (Novella Clinical LLC)	55,358,566.56	6.74%
2		49,917,217.58	6.08%
3		43,938,337.40	5.35%
4		39,108,617.91	4.76%
5		21,325,314.79	2.60%
	--	209,648,054.24	25.53%

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	2020	2019	
	684,004,257.85	562,988,542.93	21.50%
	262,823,365.95	256,943,498.17	2.29%
	42,602,031.43	44,312,172.54	-3.86%
	362,850,005.11	326,363,446.91	11.18%

4

7.42

39.69%

						2021
1		1 EGFR-TKI	EGFR		NDA	
2		1 ALK	ALK NSCLC			NDA
3	MIL60	2			BLA	
4	BPI-D0316	1 EGFR-TKI	EGFR-TKI T790M		NDA	CDE
			EGFR NSCLC		/	
5	CM082	1 RTKs	VEGFR-TKI		/	NDA
			JS001			
			w-AMD			
6	Balstilimab	PD-1		Pre-IND	Pre-IND	IND
			Zalifrelimab	Pre-IND	Pre-IND	IND
7	Zalifrelimab	CTLA-4	Balstilimab	Pre-IND	Pre-IND	IND
8	BPI-16350	1 CDK4/6				
9	BPI-27336	1				

						2021
		ERK1/2				
10	BPI-17509	1 FGFR1/2/3				
11	BPI-23314	1 BET				
12	MRX2843	1 MerTK FLT3			I	
13	BPI-28592	1 TRK				
14	BPI-43487	1 FGFR4				
15	BPI-361175	1 EGFR-TKI		2021 2		
16	BPI-21668	1 PI3K		2021 3		
17	MCLA-129	1 EGFR/c-Met		2021 3		
18	BPI-421286	1 KRAS G12C		IND	2021 1	
19	BPI-3016	1				

						2021
20		7	RAS	mCRC		BLA

	2020	2019	2018
	510	466	359
	34.79%	35.09%	30.95%
	742,390,944.68	674,585,005.59	590,032,478.32
	39.69%	43.41%	48.20%
	379,540,939.57	348,221,558.68	286,336,691.69
	51.12%	51.62%	48.53%
	63.14%	154.19%	175.11%

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	2020	2019	
	2,034,578,457.37	1,708,080,404.93	19.11%
	1,388,556,325.53	1,153,006,309.72	20.43%
	646,022,131.84	555,074,095.21	16.38%
	982,325,852.05	7,436,933.35	13,108.75%
	1,100,532,791.37	676,315,936.32	62.72%
	-118,206,939.32	-668,879,002.97	82.33%
	1,404,187,750.97	778,572,000.00	80.35%
	1,089,702,292.28	454,757,318.21	139.62%
	314,485,458.69	323,814,681.79	-2.88%
	824,647,073.36	216,328,569.93	281.20%

-11,820.69

3**1**

445,900,279.16	207,548,077.89	114.84%

2

			141,876,380.00	100.00%							2,032,629.93			
			50,000,000.00	100.00%							-469,962.03			
Agenus Inc.			139,695,995.60	2.83%		Agenus Inc.					-36,722,390.90		2020 06 22	2020-085
	--	--	331,572,375.60	--	--	--	--	--	--	0.00	-35,159,723.00	--	--	--

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				45,190,959.01	360,533,480.71		98.00%							
				51,087,312.17	548,108,354.64		100.00%		286,281,035.83				2020 06 14	2020-080
X-396&CM082				4,712,155.45	88,284,894.46		98.00%		2,940,844.26					

				2,137,098.78	398,227,607.85		99.00%		2,076,539,393.94			
				11,206,378.17	11,206,378.17		1.00%					
	--	--	--	114,333,903.58	1,406,360,715.83	--	--	0.00	2,365,761,274.03	--	--	--

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				197,184,891.28	28,951,625.54	77,396,886.63	139,695,995.60	33,099.00	2,323,296.00	274,548,678.91	
				197,184,891.28	28,951,625.54	77,396,886.63	139,695,995.60	33,099.00	2,323,296.00	274,548,678.91	--

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2020		100,199.99	25,485.09	25,485.09	0	0	0.00%	74,154.57		0
	--	100,199.99	25,485.09	25,485.09	0	0	0.00%	74,154.57	--	0



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2020													2020	
08	19	25,146.35	-2,156.69				42.60%						06	22
		100%												

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2020 1,929

996

2020

457 300 17.9% 82

23.8% 71

37.2% 68.0%

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75%

2021 3

100%

2035

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2020 02 11				Power Pacific Coporation 2020 2 12	2020 2 12	www.cninfo.com.cn
2020 04 21				2020 4 22	2020 4 22	www.cninfo.com.cn

2020 08 06				AIHC Fidelity NCC 2020 8 8	2020 8 8	www.cninfo.com.cn
2020 10 31				2020 11 3	2020 11 3	www.cninfo.com.cn

10					0
10					3.1
10					0
					413,162,913
					128,080,503.03
					0.00
					128,080,503.03
					2,069,372,234.85
					100.00%
20					
2020					
606,360,588.51		634,655,204.26		634,655,204.26	
	1,510,998,377.88			-91,347.29	2019
76,190,000.00		2,069,372,234.85			
2020					
	2020		413,162,913		10
3.10		128,080,503.03			

3					
1	2018				
	2018	2018	401,000,000		10
	1.10	44,110,000.00			
2	2019				
	2019	2019	401,000,000		10
	1.90	76,190,000.00			
3	2020				
	2020 12 31	413,162,913	10	3.10	
	128,080,503.03				

2020	128,080,503.03	606,360,588.51	21.12%	0.00	0.00%	128,080,503.03	21.12%
2019	76,190,000.00	230,821,620.91	33.01%	0.00	0.00%	76,190,000.00	33.01%
2018	44,110,000.00	166,818,363.66	26.44%	0.00	0.00%	44,110,000.00	26.44%

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	J.P. Morgan Securities plc;UBS AG; ; ; ; ; ; ; ; ; ; ;				2020-12- 17	2021- 06-17

	;					
	;					

YINXIANG

WANG

2

30%

YINXIANG WANG

YINXIANG WANG

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70%

YINXIANG WANG

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2016-11-07 2021-11-06

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		;	3		2016-11-07	
			4			
			5			

			WANG TAN	YINXIANG FENLAI		
			1			
	FENLAI TAN;YINXIANG WANG;		2		2016-11- 07	
			3			
			4			
			5			
	FENLAI TAN;YINXIANG WANG; ; ;		YINXIANG WANG / /	FENLAI TAN	2016-11- 07	

	;			2016-11-07	2021-11-06	
	; ;			2016-11-07	2021-11-06	
				2016-11-07		
	FENLAI TAN;YINXIANG WANG; ; ;		1 2 YINXIANG WANG FENLAI TAN	2016-11-07		

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	YINXIANG WANG		YINXIANG WANG	2016-11-07		
		;	/	2016-11-07		

					2016-11-07	
	;	;		/		

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2017

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2020 4 21

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GUOJIAN XIE BETA BETA PHARMA SCIENTIFIC INC. DON ZHANG	0					2016 10 26	
SHANSHAN SHAO HONGLIANG CHU QIAN LIU SONG LU	0					2016 10 26	
BETA Don Xiaodong Zhang	100,000					2019 10 30	2019- 067 2020-

()			()	()	()		
							133
Beta Pharma, Inc. Xcovery Holdings, Inc.	0					2020 02 17	2020- 008 2020- 058
Beta Pharma, Inc.	0					2020 08 18	2020- 108

2018

2018

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1 2020 5 13

2 2020 5 22

2018

2018

2018

2020 5 22

2018

2020-066

2018

2020-067

2018

2020-068

3 2020 6 1

182.5647

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163.9787

2020 6 1

2018

2020-072

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2018 ()

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109.9778

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202.4292

2020 6 1

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4 2020 6 5

2018

2020-075

186

35.16 /

202.4292

202.4292

2018	2020/1/22	2020-005
2018	2020/5/22	2020-066
2018	2020/5/22	2020-067
2018	2020/5/22	2020-068
2018	2020/5/22	2020-069
2018	2020/6/1	2020-072
2018	2020/6/5	2020-074
2018	2020/6/5	2020-075

1

						293.28	1.03%	2,000				2020 04 21	2020- 051

1,895.44 0.96% 3,000

2020
04
21

			100%		-1,884.41	25,146.35	25,146.35		28,628.10	2020 06 22	2020- 080

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		19,000	19,000	0
		19,000	19,000	0

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EGFR-TKI

EGFR

2011 7

2013

2015

2016

54% 2017 2

2018 7

66.62 /

64.05 /

EGFR-TKI

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2020

100

300

2020 2 17

2020-010

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	pH		1		8.27	(GB8978-1996)	/		
	COD		1		61.5 mg/L	(GB8978-1996)	0.478 t	12.363 t	
	BOD		1		<input type="text"/> 20.3 mg/L				

						DB 33/2015-2016)			
			1	RTO	0.687 mg/m ³	DB 33/2015-2016)	/		
			2	RTO	0.267 mg/m ³	DB 33/2015-2016)	/		
			1	RTO	232	DB 33/2015-2016)	/		
			1	RTO	0.0093mg/m ³	DB 33/2015-2016)	/		
			1		0.03 mg/m ³	DB 33/2015-2016)	/		
			1		7.37 mg/m ³	DB 33/2015-2016)	/		
			1		0.983mg/m ³	DB 33/2015-2016)	0.04 t	0.19 t	
			1		17.83 mg/m ³	DB 33/2015-2016)	/		
	pH		1		7.42	(GB8978-1996)	/		
	COD		1		3.35 mg/L	(GB8978-1996)	0.369t	14.048t	
	BOD		1		4.2mg/L	(GB8978-1996)	/		
	SS		1		14 mg/L	(GB8978-1996)	/		
			1		1.6mg/L	(GB8978-1996)	/		
			1		7.78 mg/L	GB/T 31962-2015	/		

			1		0.02 mg/L	DB 33/887-2013	0.0043t	0.983t	
			1		0.67mg/L	DB 33/887-2013	/		
			1		1.8 mg/m3	GB16297-1996	/		
			1		145	DB 33/2015-2016)	/		
			1		0.26 mg/m3	DB 33/2015-2016)	/		
			1		0.01mg/m3	DB 33/2015-2016)	/		
			1		3 mg/m3	GB13271-2014	/		
			1		43.6 mg/m3	GB13271-2014	/		
			1		1.6mg/m3	GB13271-2014	/		
			1		1 mg/m3	GB13271-2014	/		
			1		0.13mg/m3	DB 33/2015-2016)	0.023t	0.03t	
			1		1.07 mg/m3	DB 33/2015-2016)	/		
			1		0.0015 mg/m3	DB 33/2015-2016)	/		
			1		0.077 mg/m3	DB 33/2015-2016)	/		

24

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200t/d

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200t/d

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+ + +

+RTO +

4

+ +

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+RTO +

4

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+

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3

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+

2020 9

CM-082 3000 X-396 5 600 8000

2020 9

2020	2020/4/21	2020-051
2020	2020/4/23	2020-053
	2020/4/24	2020-055
2019	2020/4/27	2020-056
BPI-28592	2020/4/29	2020-057
	2020/5/11	2020-060
2019	2020/5/13	2020-062
	2020/5/15	2020-063
	2020/5/25	2020-070
	2020/5/30	2020-071
	2020/6/5	2020-073
	2020/6/8	2020-076
MIL60	2020/6/15	2020-077
	2020/6/15	2020-080
	2020/6/15	2020-082
	2020/6/17	2020-083

PD-1 CTLA-4

	2020/9/1	2020-111
	2020/9/4	2020-112
	2020/9/15	2020-113
	2020/9/22	2020-114
	2020/9/22	2020-115
	2020/9/24	2020-117
	2020/9/24	2020-118
	2020/9/25	2020-119
	2020/9/29	2020-120
	2020/9/29	2020-122
	2020/9/30	2020-



1

	21,624,183	5.39%	10,653,296	0	0	-20,774,445	-10,121,149	11,503,034	2.78%
1	0	0.00%	0	0	0	0	0	0	0.00%
2	0	0.00%	1,011,838	0	0	0	1,011,838	1,011,838	0.24%
3	815,013	0.20%	1,213,645	0	0	-375	1,213,270	2,028,283	0.50%
	0	0.00%	809,470	0	0	0	809,470	809,470	0.20%
	815,013	0.20%	404,175	0	0	-375	403,800	1,218,813	0.30%
4	20,809,170	5.19%	1,294,350	0	0	-20,774,070	-19,479,720	1,329,450	0.32%
	0	0.00%	880,299	0	0	0	880,299	880,299	0.21%
	20,809,170	5.19%	414,051	0	0	-20,774,070	-20,360,019	449,151	0.11%
5	0	0.00%	7,133,463	0	0	0	7,133,463	7,133,463	1.73%
	379,375,817	94.61%	1,509,617	0	0	20,774,445	22,284,062	401,659,879	97.22%
1	379,375,817	94.61%	1,509,617	0	0	20,774,445	22,284,062	401,659,879	97.22%
2	0	0.00%	0	0	0	0	0	0	0.00%
3	0	0.00%	0	0	0	0	0	0	0.00%
4	0	0.00%	0	0	0	0	0	0	0.00%
	401,000,000	100.00%	12,162,913	0	0	0	12,162,913	413,162,913	100.00%

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2020	8	10		2,024,292		572,900	
			1,451,392				2020
					75%		
			429,675	1,594,617			
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			YINXIANG WANG FENLAITAN				
					25%		
					20,810,295		
			20,810,295				
(3)							
			2020	8	6		2020-104
			LINGYU ZHU				
							85,750
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			14	10,138,621		2020	12
						17	6
			10,138,621		2020	12	15
					2020-146		
			1				
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			2020	3	19		2020
			2020	9	24		
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			2020	9	15		
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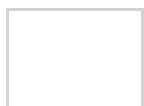
413,162,913

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	0	1,416,573	0	1,416,573	6	2021 6 17
	0	1,011,838	0	1,011,838	6	2021 6 17
	0	1,011,838	0	1,011,838	6	2021 6 17
	0	1,011,838	0	1,011,838	6	2021 6 17
	811,638	0	0	811,638		

						25%
	0	505,919	0	505,919	6	2021 6 17
J. P. Morgan Securities PLC	0	475,564	0	475,564	6	2021 6 17
	0	415,520	0	415,520	6	2021 6 17
UBS AG	0	404,735	0	404,735	6	2021 6 17
	0	364,262	0	364,262	6	2021 6 17
	20,812,545	4,071,059	20,810,295	4,073,309		
	21,624,183	10,689,146	20,810,295	11,503,034	--	--

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 2020 12 17 10,138,621 403,024,292 413,162,913

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	32,743		27,121		0	9		0
5% 10								
		19.38%	80,064,000	0	0	80,064,000		25,415,000
		13.15%	54,324,000	3,132,000	0	54,324,000		9,561,000
		7.22%	29,832,061	8,687,939	0	29,832,061		0
WANG YINXIANG		4.18%	17,281,812	3,973,276	0	17,281,812		0

		3.94%	16,289,095	7,238,800	0	16,289,095		0
LAV Equity (Hong Kong) Co., Limited		2.61%	10,800,000	0	0	10,800,000		0
		2.00%	8,275,041	989,147	0	8,275,041		0
		1.40%	5,800,000	5,800,000	1,416,573	4,383,427		0
ZHAN GHANCHENG		1.10%	4,554,007	-445,993	0	4,554,007		0
BETA PHARMA, INC.		1.10%	4,550,015	-2,100,000	0	4,550,015		4,550,000
10	1,416,573			2020 12 17			6	
	1	2020 2 20		YINXIANG WANG		FENLAI TAN		
				YINXIANG WANG				
				23.32%		0.20%		
		23.52%						
	2							
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	10							
				80,064,000				80,064,000
				54,324,000				54,324,000
				29,832,061				29,832,061
WANG YINXIANG				17,281,812				17,281,812
				16,289,095				16,289,095

LAV Equity (Hong Kong) Co., Limited	10,800,000		10,800,000
	8,275,041		8,275,041
ZHANG HANCHENG	4,554,007		4,554,007
BETA PHARMA, INC.	4,550,015		4,550,015
	4,186,512		4,186,512
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5	80,064,000 ; 14,289,095 16,289,095	79,684,000 380,000	2,000,000
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		2013 04 07	91330200062941754X	
		2011 11 24	9133011058651282XK	

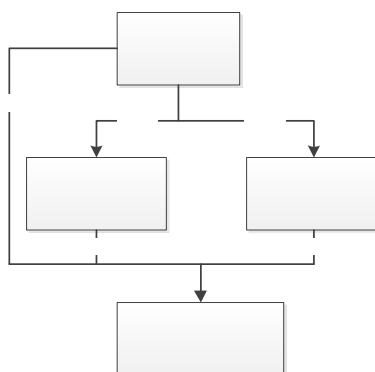
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		2001 07 15	3000	

				57	2013 08 23	2022 11 21	1,082,184	0	270,546	0	811,638	
YI SHI				49	2013 08 23	2022 11 21	0	0	0	0	0	
				53	2017 09 06	2022 11 21	0	0	0	0	0	
				52	2013 08 23	2022 11 21	0	51,000	0	0	51,000	
JIABING WANG				57	2016 02 28	2022 11 21	0	97,800	0	0	97,800	
				43	2013 08 23	2022 11 21	0	45,900	0	0	45,900	
JIANGN AN CAI				63	2019 11 22	2022 11 21	0	0	0	0	0	
				42	2015 12 26	2022 11 21	0	0	0	0	0	
				53	2019 11 22	2022 11 21	0	0	0	0	0	
				49	2017 03 16	2022 11 21	0	0	0	0	0	

				44	2017 11 27	2022 11 21	0	0	0	0	0	0
				48	2018 11 20	2022 11 21	0	0	0	0	0	0
				49	2018 07 06	2022 11 21	0	34,000	0	0	0	34,000
				37	2020 09 24	2022 11 21	0	0	0	0	0	0
				59	2017 11 29	2020 08 04	0	34,000	0	0	0	34,000
				44	2017 11 29	2020 08 04	0	34,000	0	0	0	34,000
				52	2018 07 06	2020 08 04	3,000	34,000	0	0	0	37,000
				42	2019 12 30	2020 08 04	0	102,000	0	0	0	102,000

				52	2019 12 30	2020 08 04	0	102,000	0	0	102,000
LI MAO				63	2018 04 04	2021 03 11	0	51,000	0	0	51,000
LINGYU ZHU				51	2018 11 16	2020 08 04	0	34,000	0	0	34,000
	--	--	--	--	--	--	1,085,184	619,700	270,546	0	1,434,338

			2020 09 23	
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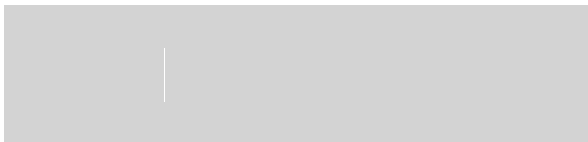
YI SHI LAV Equity (Hong Kong) Co., Limited

2011 07
1BT/F2 9 7

	Equinox Sciences, LLC		2017 05 02		
	Xcovery Betta Pharmaceuticals, Inc.		2017 01 05		
			2020 10 25		
			2020 08		
			2013 11 22		
			2020 12 23		
			2017 06		
			2016 03 16		
			2017 01 16		
			2020 12		
			2017 05 22		
JIABING WANG	Xcovery Betta Pharmaceuticals, Inc.		2017 01 05		
YI SHI	Lilly Asia Ventures Management Co. Ltd		2011 03 29		
YI SHI	LAV GP Corporate Co., Ltd		2011 03 29		
YI SHI	LAV Advanced Management Co., Ltd.		2016 11 17		
YI SHI	LAV Global Management(Hong Kong)Company Limited		2019 01 01		
YI SHI	LAV Advanced Management (Hong Kong) Co., Ltd		2017 05		
YI SHI			2011 09 02		

YI SHI			2017 05 31		
YI SHI			2017 10 20		
YI SHI			2019 06 28		
YI SHI	ANSUN BIOPHARMA, INC.		2018 04 14		
YI SHI	SciNeuro Pharma		2019 12 15		
YI SHI	Tranceta Therapeutics		2018 12 21		
			2017 11 01		
			2010 08 23		
			2019 11 13		
	()		2012 12 01		
			2018 01 01		
			2015 09 01		
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			2017 02 01		
			2020 12 05		
			2021 01		

			2020 11 17		
JIANGNAN CAI			2020 01		
JIANGNAN CAI			2016 06 28		
JIANGNAN CAI			2017 03		
			2016 11 29		
			2016 06 17		
			1998 10		
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	500.COM LIMITED		2015 11		
			2019 12		
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			54		12	
			49		79.12	
			44		116.77	
			48		152.96	
			49		128.83	
			37		92.87	
			59		118.68	
			44		120.81	
			52		145.11	
			42		164.77	

				/	/					
		51,000	51,000	35.16	107.37	0	12,750	0	0	0
JIABIN G WANG		51,000	51,000	35.16	107.37	0	12,750	0	0	0
		45,900	45,900	35.16	107.37	0	11,475	0	0	0
		34,000	34,000	35.16	107.37	0	8,500	0	0	

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2020					155
	SOP		184		
9238	176	26691.8	2020	18.2	687 2020

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2	2020		34
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2020		56.20%	2020 03 19	2020 03 19	2020-034
2019		58.06%	2020 05 11	2020 05 11	2020-061
2020		37.36%	2020 07 01	2020 07 01	2020-090

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JIANGNAN CAI	11	11	0	0	0		1
	11	11	0	0	0		

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		2020	
2020/4/21		2020	
2020/8/4		2020	
2020/10/26		2020	

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2020/9/23			

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2020/4/17		2019	
2020/5/22			
		2018	
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		2018	
2018			

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	2021 03 26	
	http://www.cninfo.com.cn	
		100.00%
		100.00%
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2020 12 31	413,584,000.09	1	
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	2020 12 31	2019 12 31
	1,345,944,580.99	521,297,507.63
	52,613,129.72	56,028,645.73
	14,932,378.84	13,275,868.49
	6,808,945.94	1,641,632.12
	188,593,932.18	134,568,503.05
	238,972,972.44	65,428,434.50
	1,847,865,940.11	792,240,591.52

		12,789,076.73
	274,548,678.91	105,934,156.77
	36,984,966.07	574,814,995.28
	712,600,993.72	676,672,263.99
	63,118,428.08	112,306,523.72
		940,713.11
	603,365,751.33	486,193,454.51
	1,171,443,767.17	912,371,371.52
	413,584,000.09	427,454,603.58
		698,037.20
	55,223,186.89	29,492,833.90
	50,801,894.72	1,425,200.00
	3,381,671,666.98	3,341,093,230.31
	5,229,537,607.09	4,133,333,821.83
		363,234,725.03
	10,000,000.00	10,000,000.00
	113,623,745.90	112,550,117.11
	1,482,187.04	52,737,495.70
	1,266,103.49	
	117,112,157.01	93,024,217.49
	100,324,487.99	25,106,794.91

		419,222.18
	37,983.10	
	438,100,304.27	705,197,435.43
		280,000,000.00
	524,588,910.20	558,096,000.00
	58,013,373.00	57,774,964.68
	64,640,046.89	63,050,318.31
	647,242,330.09	958,921,282.99
	1,085,342,634.36	1,664,118,718.42
	413,162,913.00	401,000,000.00
	1,792,522,197.26	654,870,132.05
	52,284,112.30	51,936,986.43
	209,437,194.65	209,437,194.65

	1,673,374,693.22	1,143,295,452.00
	4,140,781,110.43	2,460,539,765.13
	3,413,862.30	8,675,338.28
	4,144,194,972.73	2,469,215,103.41
	5,229,537,607.09	4,133,333,821.83

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	2020 12 31	2019 12 31
	982,177,969.44	202,004,145.66
	53,929,904.60	49,898,965.59
	8,932,771.58	846,401.53
	543,387,489.27	840,731,416.06
	188,593,932.18	133,680,058.57
	231,420,115.87	36,948,001.99
	2,008,442,182.94	1,264,108,989.40
	1,226,121,011.19	1,097,033,707.92
	171,575,074.21	105,934,156.77

	36,984,966.07	33,683,417.45
	699,292,359.20	660,493,442.85
	51,912,049.91	109,670,693.36
	335,393,136.68	150,977,880.64
	520,517,975.07	394,158,957.64
	52,741,180.62	28,491,599.06
	876,140.00	1,050,200.00
	3,095,413,892.95	2,581,494,055.69
	5,103,856,075.89	3,845,603,045.09
		363,234,725.03
	10,000,000.00	10,000,000.00
	98,157,860.46	73,601,182.48
		48,730,967.63
	1,266,103.49	
	110,239,953.97	89,222,091.46
	100,211,513.31	17,219,628.57
	89,737,444.31	37,591,603.47
		419,222.18
	37,983.10	
	409,650,858.64	640,019,420.82
		280,000,000.00

	48,093,373.00	53,774,964.68
	32,245,595.98	21,681,550.82
	80,338,968.98	355,456,515.50
	489,989,827.62	995,475,936.32
	413,162,913.00	401,000,000.00
	1,824,801,172.59	687,513,064.32
	97,092,733.18	41,178,471.92
	209,437,194.65	209,437,194.65
	2,069,372,234.85	1,510,998,377.88
	4,613,866,248.27	2,850,127,108.77
	5,103,856,075.89	3,845,603,045.09

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	2020	2019
	1,870,266,314.97	1,553,924,255.01
	1,870,266,314.97	1,553,924,255.01
	1,498,107,567.96	1,312,719,789.85

	138,898,408.96	105,227,539.94
	6,929,498.66	16,884,589.36
	684,004,257.85	562,988,542.93

1.	606,360,588.51	230,821,620.91
2.	-5,274,894.29	-4,981,352.99
	255,778.58	5,202,394.69
	255,778.58	5,202,394.69
	19,100,523.07	-1,288,546.97
1.		
2.		
3.	19,100,523.07	-1,288,546.97
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	-18,844,744.49	6,490,941.66
1.		
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6.	-18,844,744.49	6,490,941.66
7.		
	601,341,472.80	231,042,662.61
	606,616,367.09	236,024,015.60
	-5,274,894.29	-4,981,352.99
	1.50	0.58
	1.49	0.57

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	2020	2019
	1,847,009,363.84	1,523,295,748.25
	129,245,373.68	98,278,940.11
	5,715,512.96	11,085,906.85
	683,960,740.52	562,973,672.93
	1 601.06 1.2 19.	

	148,938,892.06	61,503,780.48
	2,034,578,457.37	1,708,080,404.93
	123,087,197.14	58,376,833.05
	351,832,993.55	322,806,262.61
	98,568,796.03	80,704,745.56
	815,067,338.81	691,118,468.50
	1,388,556,325.53	1,153,006,309.72
	646,022,131.84	555,074,095.21
	85,830,062.50	7,044,492.35
	2,323,296.00	
	1,553,111.26	392,441.00
	259,746,653.66	
	632,872,728.63	
	982,325,852.05	7,436,933.35
	685,836,791.37	620,417,068.90
	414,696,000.00	38,594,248.62
		17,304,618.80
	1,100,532,791.37	676,315,936.32
	-118,206,939.32	-668,879,002.97
	1,066,590,840.77	

	330,000,000.00	360,000,000.00
	7,596,910.20	418,572,000.00
	1,404,187,750.97	778,572,000.00
	970,000,000.00	360,000,000.00
	119,702,292.28	94,757,318.21
	1,089,702,292.28	454,757,318.21
	314,485,458.69	323,814,681.79
	-17,653,577.85	6,318,795.90
	824,647,073.36	216,328,569.93
	521,297,507.63	304,968,937.70
	1,345,944,580.99	521,297,507.63

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	2020	2019
	1,867,170,813.40	1,615,125,518.96
	131,306,529.01	51,008,767.75
	1,998,477,342.41	1,666,134,286.71
	129,756,567.25	43,617,364.02
	337,142,748.08	307,841,047.31
	89,305,514.81	79,329,044.39
	758,245,192.92	640,179,647.87
	1,314,450,023.06	1,070,967,103.59
	684,027,319.35	595,167,183.12

	632,872,728.63	
	974,042,078.92	5,842,241.00
	404,352,340.66	330,883,307.28
	466,876,380.00	73,632,541.19
	871,228,720.66	404,515,848.47
	102,813,358.26	-398,673,607.47
	1,066,579,481.41	
	330,000,000.00	360,000,000.00
		114,006,856.50
	1,396,579,481.41	474,006,856.50
	970,000,000.00	360,000,000.00
	104,042,532.28	74,361,077.26
	329,080,150.00	167,310,000.00
	1,403,122,682.28	601,671,077.26
	-6,543,200.87	-127,664,220.76
	-123,652.96	90,991.52
	780,173,823.78	68,920,346.41
	202,004,145.66	133,083,799.25
	982,177,969.44	202,004,145.66

						255,778.58				606,360,588.51		606,616,367.09	-5,274,894.29	601,341,472.80
	12,162,913.00				1,086,489,223.50							1,098,652,136.50	13,418.31	1,098,665,554.81
1	12,162,913.00				1,054,416,568.42							1,066,579,481.42		1,066,579,481.42
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				51,162,841.71		91,347.29				-91,347.29		51,162,841.71		51,162,841.71
	413,162,913.00			1,792,522,197.26										

	2019													
	401,000,000.00			609,793,911.81		4,267,572.85		168,440,877.79		1,004,230,957.38		2,187,733,319.83	13,978,832.12	2,201,712,151.95
						42,467,018.89						42,467,018.89		42,467,018.89
	401,000,000.00			609,793,911.81		46,734,591.74		168,440,877.79		1,004,230,957.38		2,230,200,338.72	13,978,832.12	2,244,179,170.84
				45,076,220.24		5,202,394.69		40,996,316.86		139,064,494.62		230,339,426.41	-5,303,493.84	225,035,932.57
						5,202,394.69				230,821,620.91		236,024,015.60	-4,981,352.99	231,042,662.61

1					28,312,355.23									28,312,355.23	45,953.60	28,358,308.83

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				16,763,865.01						-6,650,809.43		10,113,055.58	-368,094.45	9,744,961.13
	401,000,000.00			654,870,132.05	51,936,986.43	209,437,194.65			1,143,295,452.00		2,460,539,765.13	8,675,338.28	2,469,215,103.41	

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	2020													
	401,000,000.00				687,513,064.32			41,178,471.92		209,437,194.65	1,510,998,377.88			2,850,127,108.77
	401,000,000.00				687,513,064.32			41,178,471.92		209,437,194.65	1,510,998,377.88			2,850,127,108.77

	12,162,913.00				1,137,288,108.27		55,914,261.26			558,373,856.97		1,763,739,139.50
							55,822,913.97			634,655,204.26		690,478,118.23
	12,162,913.00				1,086,125,266.56							1,098,288,179.56
1	12,162,913.00				1,054,416,568.42							1,066,579,481.42
2												
3					31,708,698.14							31,708,698.14
4												
										-76,190,000.00		-76,190,000.00
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2										-76,190,000.00		-76,190,000.00
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					51,162,841.71		91,347.29			-91,347.29		51,162,841.71
	413,162,913.00				1,824,801,172.59		97,092,733.18		209,437,194.65	2,069,372,234.85		4,613,866,248.27

	2019											
	401,000,000.00				643,685,338.90				168,440,877.79	1,182,791,726.16		2,395,917,942.85
							42,467,018.89					42,467,018.89
	401,000,000.00				643,685,338.90		42,467,018.89		168,440,877.79	1,182,791,726.16		2,438,384,961.74
					43,827,725.42		-1,288,546.97		40,996,316.86	328,206,651.72		411,742,147.03

							-1,288,546.97			409,963,168.58		408,674,621.61
					27,063,860.41							27,063,860.41
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3					27,063,860.41							27,063,860.41
4												
									40,996,316.86	-85,106,316.86		-44,110,000.00
1									40,996,316.86	-40,996,316.86		
2										-44,110,000.00		-44,110,000.00
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					16,763,865.01					3,349,800.00		20,113,665.01
	401,000,000.00				687,513,064.32		41,178,471.92		209,437,194.65	1,510,998,377.88		2,850,127,108.77

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() Beta Pharma Inc

YINXIANG WANG LAV Equity (Hong Kong) Co., Limited
Sequoia Capital China GFII(HK) Limited

HANCHENG ZHANG

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Equinox Sciences, LLC
Xcovery Holdings, Inc.

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BPI-3006	10
MIL60	10
MRX2843	10
CM082	10
X82	10
X396, Preclinic Comp	10
	10
	10
Balstilimab-Zalifrelimab	10
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D-0316	10
MCLA-129	10

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1		48,730,967.63 47,311,619.06 1,419,348.57 48,730,967.63 47,311,619.06 1,419,348.57

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	2019 12 31	2020 01 01	
	521,297,507.63	521,297,507.63	
	56,028,645.73	56,028,645.73	
	13,275,868.49	13,275,868.49	

	2019 12 31	2020 01 01	
	1,641,632.12	1,641,632.12	
	134,568,503.05	134,568,503.05	
	65,428,434.50	65,428,434.50	
	792,240,591.52	792,240,591.52	
	12,789,076.73	12,789,076.73	
	105,934,156.77	105,934,156.77	

	2019 12 31	2020 01 01	
	363,234,725.03	363,234,725.03	
	10,000,000.00	10,000,000.00	
	112,550,117.11	112,550,117.11	
	52,737,495.70	4,006,528.07	-48,730,967.63
		47,311,619.06	47,311,619.06
	93,024,217.49	93,024,217.49	
	25,106,794.91	25,106,794.91	
	48,124,863.01	48,124,863.01	
	419,222.18	419,222.18	
		1,419,348.57	1,419,348.57
	705,197,435.43	705,197,435.43	
	280,000,000.00	280,000,000.00	
	558,096,000.00	558,096,000.00	

	2019 12 31	2020 01 01	
	57,774,964.68	57,774,964.68	
	63,050,318.31	63,050,318.31	
	958,921,282.99	958,921,282.99	
	1,664,118,718.42	1,664,118,718.42	
	401,000,000.00	401,000,000.00	
	654,870,132.05	654,870,132.05	
	51,936,986.43	51,936,986.43	
	209,437,194.65	209,437,194.65	
	1,143,295,452.00	1,143,295,452.00	
	2,460,539,765.13	2,460,539,765.13	
	8,675,338.28	8,675,338.28	
	2,469,215,103.41	2,469,215,103.41	
	4,133,333,821.83	4,133,333,821.83	

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	2019 12 31	2020 01 01	
	202,004,145.66	202,004,145.66	

	2019 12 31	2020 01 01	
	49,898,965.59	49,898,965.59	
	846,401.53	846,401.53	
	840,731,416.06	840,731,416.06	
	133,680,058.57	133,680,058.57	

	2019 12 31	2020 01 01	
	3,845,603,045.09	3,845,603,045.09	
	363,234,725.03	363,234,725.03	
	10,000,000.00	10,000,000.00	
	73,601,182.48	73,601,182.48	
	48,730,967.63		-48,730,967.63
		47,311,619.06	47,311,619.06
	89,222,091.46	89,222,091.46	
	17,219,628.57	17,219,628.57	
	37,591,603.47	37,591,603.47	
	419,222.18	419,222.18	
		1,419,348.57	1,419,348.57
	640,019,420.82	640,019,420.82	
	280,000,000.00	280,000,000.00	
	53,774,964.68	53,774,964.68	
	21,681,550.82	21,681,550.82	
	355,456,515.50	355,456,515.50	
	995,475,936.32	995,475,936.32	

	2019 12 31	2020 01 01	
	401,000,000.00	401,000,000.00	
	687,513,064.32	687,513,064.32	
	41,178,471.92	41,178,471.92	
	209,437,194.65	209,437,194.65	
	1,510,998,377.88	1,510,998,377.88	
	2,850,127,108.77	2,850,127,108.77	
	3,845,603,045.09	3,845,603,045.09	

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		13% 6% 3% 9%
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	2,264.40	2,596.35
	1,345,942,316.59	521,294,911.28
	1,345,944,580.99	521,297,507.63
	19,406,851.78	261,702,802.57

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	52,613,129.7 2	100.00%	0.00%	0.00%	52,613,129.7 2	56,056,137.4 8	100.00%	27,491.75	0.05%	56,028,645.7 3
	52,613,129.7 2	100.00%	0.00%	0.00%	52,613,129.7 2	55,446,540.1 9	98.91%	27,491.75	0.05%	55,419,048.4 4
						609,597.29	1.09%			609,597.29
	52,613,129.7 2	100.00%	0.00%	0.00%	52,613,129.7 2	56,056,137.4 8	100.00%	27,491.75	0.05%	56,028,645.7 3

90	90	52,613,129.72

	52,613,129.72		--
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1	1		52,613,129.72
90	90		52,613,129.72
			52,613,129.72

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	27,491.75		27,491.75			
	27,491.75		27,491.75			

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	6,203,228.95		11.79%
	5,628,238.89		10.70%
	2,850,573.78		5.42%
	2,788,517.49		5.30%
	2,358,666.72		4.48%
	19,829,225.83		37.69%

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1	14,828,995.27	99.30%	13,015,446.14	98.04%
1 2	89,335.16	0.60%	135,400.01	1.02%
2 3	2,800.00	0.02%	16,557.71	0.12%
3	11,248.41	0.08%	108,464.63	0.82%
	14,932,378.84	--	13,275,868.49	--

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		(%)
	6,500,000.00	43.53
IQVIA Biotech LLC (Novella Clinical LLC)	3,420,031.42	22.90
Q Squared Solutions Holdings, LLC	1,526,071.28	10.22
	690,415.47	4.62
Median Technologies S.A	541,092.27	3.62
	12,677,610.44	84.89

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	6,808,945.94	1,641,632.12
	6,808,945.94	1,641,632.12

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	7,019,669.91	4,255,676.51
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	335,516.31	116,958.10
	4,387.50	602,113.00
	15,480.91	12,140.40
	7,375,054.63	4,986,888.01

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	12	()	()	
2020 1 1	3,345,255.89			3,345,255.89
2020 1 1				
	2,141,434.70			2,141,434.70
	-637,712.50			-637,712.50
2020 12 31	566,108.69			566,108.69

1 1	6,555,884.72
90 90	1,560,884.72
90 -1 1	4,995,000.00
1 2	290,439.76
2 3	344,879.20
3	183,850.95
3 4	6,500.00
4 5	159,350.95
5	18,000.00
	7,375,054.63

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	3,345,255.89		2,141,434.70		-637,712.50	566,108.69
	3,345,255.89		2,141,434.70		-637,712.50	566,108.69

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		4,990,000.00	90 -1 1		67.66%	249,500.00
		1,000,000.00	90 90		13.56%	
		300,000.00	90 90		4.07%	
		270,779.20	2 3 3		3.67%	81,233.76
		200,000.00	1-2 2		2.71%	20,000.00
	--	6,760,779.20	--		91.67%	350,733.76

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	50,692,694.45		50,692,694.45	23,581,949.10		23,581,949.10
	16,926,599.55		16,926,599.55			
	54,866,480.62		54,866,480.62	57,045,559.33		57,045,559.33
	2,376,572.57		2,376,572.57	1,934,827.56		1,934,827.56
				550,192.35		550,192.35
	63,731,584.99		63,731,584.99	51,167,855.98		51,167,855.98
				288,118.73		288,118.73
	188,593,932.18		188,593,932.18	134,568,503.05		134,568,503.05

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	39,866,922.39	65,428,434.50
	395,623.27	
	8,710,426.78	
	190,000,000.00	
	238,972,972.44	65,428,434.50

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	()								()	
Capio Biosciences Inc.	12,789,076.73			-365,591.64				12,423,485.09		12,423,485.09
	12,789,076.73			-365,591.64				12,423,485.09		12,423,485.09
	12,789,076.73			-365,591.64				12,423,485.09		12,423,485.09

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	23,952,804.25	24,086,046.25
	5,000,000.00	5,000,000.00
	142,622,269.96	76,848,110.52
Agenus Inc.	102,973,604.70	
	274,548,678.91	105,934,156.77

		21,497,007.57		-91,347.29	
		92,622,269.96			
Agenus Inc			36,722,390.90		

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1.	555,435,330.91	81,265,230.00		636,700,560.91
2.	11,766,997.30			11,766,997.30
1				
2 \ \	11,766,997.30			11,766,997.30
3				
3.	497,180,398.64	81,265,230.00		578,445,628.64
1				
2	497,180,398.64	81,265,230.00		578,445,628.64
4.	70,021,929.57			70,021,929.57
1.	51,050,201.77	10,835,363.86		61,885,565.63
2.	24,130,859.71	1,354,420.48		25,485,280.19
1	22,507,565.55	1,354,420.48		23,861,986.03
2	1,623,294.16			1,623,294.16
3.	42,144,097.98	12,189,784.34		54,333,882.32
1				
2	42,144,097.98	12,189,784.34		54,333,882.32
4.	33,036,963.50			33,036,963.50
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3.	1,697,997.74	9,881,093.33	1,459,926.25	945,438.09	13,984,455.41
1	74,703.58	9,881,093.33	1,459,926.25	945,438.09	12,361,161.25
2	1,623,294.16				1,623,294.16
4.	130,011,725.78	64,736,734.85	9,861,286.72	10,346,277.24	214,956,024.59
1.					
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1.	458,305,721.84	239,621,787.82	13,027,795.42	1,645,688.64	712,600,993.72
2.	498,175,376.67	167,158,278.60	8,621,862.41	2,716,746.31	676,672,263.99

	33,357,969.87		33,357,969.87	26,083,109.74		26,083,109.74
				2,635,830.36		2,635,830.36
A52	171,606.28		171,606.28			
	11,206,378.17		11,206,378.17			
	63,118,428.08		63,118,428.08	112,306,523.72		112,306,523.72

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	374,598,200.00	153,523.85	2,137,098.78	872,802.32		1,417,820.31	106.31%					
X396&CM082	160,000,000.00	83,434,059.77	4,712,155.45	71,181,561.77		16,964,653.45	55.95%					
	257,788,600.00	26,083,109.74	45,190,959.01	37,916,098.88		33,357,969.87	141.74%					
	328,734,800.00	2,635,830.36	51,087,312.17	2,795,186.53	50,927,956.00		166.74%					
	1,000,000,000.00		11,206,378.17			11,206,378.17	1.12%					
	2,121,121,600.00	112,306,523.72	114,333,903.58	112,765,649.50	50,927,956.00	62,946,821.80	--	--				--

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1.		1,004,538.69			1,004,538.69
2.		206,546.38			206,546.38
(1)		206,546.38			206,546.38
(2)					
3.		1,211,085.07			1,211,085.07
(1)					
(2)		1,211,085.07			1,211,085.07
4.		0.00			0.00
1.		63,825.58			63,825.58
2.		382,953.47			382,953.47
(1)		382,953.47			382,953.47
3.		446,779.05			446,779.05
(1)					
(2)		446,779.05			446,779.05
4.		0.00			0.00
1.					
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(1)					

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(1)						
(2)						
4.						
1.			0.00			0.00
2.			940,713.11			940,713.11

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					BPI-3006			MIL60	MRX2843	CM082	X82	X396,Preclinic Comp	D-0316	MCLA-129	Balstilimab- Zalifrelimab		
2							10,755.18				11,282,500.00	12,865,361.55					24,158,616.73
4.	47,590,687.50			1,900,000.00		60,484,788.38	330,142.78	40,000,000.00	13,539,704.92	110,445,249.52	163,122,500.00	186,007,528.41	50,000,000.00	6,753,559.02	106,053,000.00	91,126,391.82	880,553,552.35
1.	7,064,595.41			1,900,000.00	3,200,000.00												

					BPI-3006			MIL60	MRX2843	CM082	X82	X396,Preclinic Comp	D-0316	MCLA-129	Balstilimab- Zalifrelimab		
1.																	
2.																	
1																	
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ALK X- 396	555,299,823.46	171,561,462.22		-29,342,152.10			697,519,133.57
ALK X- 396	73,518,046.62	17,608,345.20			91,126,391.82		
MIL60	141,586,604.95	26,702,713.19					168,289,318.14
CM082	79,189,227.52	54,960,151.75				2,430,138.79	131,719,240.48
D-0316	58,768,595.53	68,245,355.62					127,013,951.15
D-0316	4,009,073.44	42,893,050.38					46,902,123.82
	912,371,371.52	381,971,078.36		-29,342,152.10	91,126,391.82	2,430,138.79	1,171,443,767.17

ALK X-396	2016/3/1	III	III
ALK X-396	2018/1/1	II	
MIL60	2017/4/1	III	BLA
CM082	2017/7/1	III	III
D-0316	2019/2/1	II	II
D-0316	2019/12/1	III	III

15

1

	413,584,000.09					413,584,000.09
	13,870,603.49			13,870,603.49		
	427,454,603.58			13,870,603.49		413,584,000.09

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	413,584,000.09	2020 12 31

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17.99%

16

	698,037.20		698,037.20		
	698,037.20		698,037.20		

17

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	296,608.69	45,293.81	229,380.89	34,901.07
	58,013,373.00	9,694,005.95	57,774,964.68	9,066,244.70
-	540,010.92	81,001.64	765,015.83	114,752.37
	10,000,000.00	1,500,000.00	10,000,000.00	1,500,000.00
	12,423,485.09	1,863,522.76		
	280,262,418.23	42,039,362.73	125,179,571.74	18,776,935.76
	361,535,895.93	55,223,186.89	193,948,933.14	29,492,833.90

2

	148,540,598.66	32,394,450.91	188,909,084.50	41,368,767.49
	114,119,277.53	17,117,891.64	48,445,261.09	7,266,789.17
	100,851,362.25	15,127,704.34	96,098,411.03	14,414,761.65
	363,511,238.44	64,640,046.89	333,452,756.62	63,050,318.31

3

		55,223,186.89		29,492,833.90
		64,640,046.89		63,050,318.31

4

	269,500.00	3,143,366.75
	36,722,390.90	
	36,991,890.90	3,143,366.75

18

	876,140.00		876,140.00	1,050,200.00	1,050,200.00
				375,000.00	375,000.00
	49,925,754.72		49,925,754.72		
	50,801,894.72		50,801,894.72	1,425,200.00	1,425,200.00

19

1

		360,000,000.00
		3,234,725.03
		363,234,725.03

2

20

	10,000,000.00	10,000,000.00
9016	5,000,000.00	5,000,000.00

15086	5,000,000.00	5,000,000.00
	10,000,000.00	10,000,000.00

21**1**

	47,522,305.34	29,249,285.20
	10,045,527.89	52,632,907.77
	49,910,196.32	22,608,234.30
	6,145,716.35	8,059,689.84
	113,623,745.90	112,550,117.11

2**1****22****1**

	1,482,187.04	4,006,528.07
	1,482,187.04	4,006,528.07

2**1****23**

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	91,394,318.79	440,519,311.55	415,384,941.88	116,528,688.46
-	1,629,898.70	6,176,637.21	7,223,067.36	583,468.55
		219,620.20	219,620.20	
	93,024,217.49	446,915,568.96	422,827,629.44	117,112,157.01

2

1	89,250,092.00	394,643,250.52	369,896,317.88	113,997,024.64
2		15,125,193.67	15,124,903.67	290.00
3	1,123,830.64	11,222,664.19	11,128,649.99	1,217,844.84
	992,715.92	10,481,157.30	10,281,251.37	1,192,621.85
	30,772.50	107,630.28	127,748.24	10,654.54
	100,342.22	633,876.61	719,650.38	14,568.45
4	558,634.04	14,599,960.36	14,620,545.92	538,048.48
5	461,762.11	4,928,242.81	4,614,524.42	775,480.50
	91,394,318.79	440,519,311.55	415,384,941.88	116,528,688.46

3

1	1,567,539.47	5,964,906.41	6,969,406.37	563,039.51
2	62,359.23	211,730.80	253,660.99	20,429.04
	1,629,898.70	6,176,637.21	7,223,067.36	583,468.55

25

		963,315.75
	27,537,392.15	11,033,723.08
	72,192,949.15	2,599,506.39
		276,270.99
	428,289.30	58,804.81
	165,857.39	9,820,120.23
		118,401.85
		78,934.57
		157,717.24
	100,324,487.99	25,106,794.91

26

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27

		419,222.18
		419,222.18

28

	37,983.10	1,419,348.57
	37,983.10	1,419,348.57

29

1

		280,000,000.00
		280,000,000.00

30

	524,588,910.20	558,096,000.00
	524,588,910.20	558,096,000.00

1

	521,992,000.00	558,096,000.00
PPP SBA	2,596,910.20	
	524,588,910.20	558,096,000.00

1							
	32				2,024,292.00	,	-
69,149,814.72							
	32			10,138,621		98.83	
10,138,621.00		6,594,538.74		-	985,266,753.70		
							-
4,412,956.55							
2018				-	7,558,178.58		
2							
					31,708,698.14		Xcovery
Holdings, Inc.		363,956.94			32,072,655.08		
							-
4,412,956.55							
2018				-	7,558,178.58		
					20,722,713.49		
30,440,128.22							

34

	41,178,471.92	28,951,625.54		-91,347.29	9,851,102.47	19,191,870.36	60,370,342.28	
	41,178,471.92	28,951,625.54		-91,347.29	9,851,102.47	19,191,870.36	60,370,342.28	
	10,758,514.51	-18,844,744.49						

35

	209,437,194.65			209,437,194.65
	209,437,194.65			209,437,194.65

36

		1,143,295,452.00	1,004,230,957.38
		1,143,295,452.00	1,004,230,957.38
		606,360,588.51	230,821,620.91
			40,996,316.86
		76,190,000.00	44,110,000.00
		-91,347.29	-6,650,809.43
		1,673,374,693.22	1,143,295,452.00

- 1) 0.00
- 2) 0.00
- 3) 0.00
- 4) 0.00
- 5) 0.00

37

	1,824,073,603.54	108,634,066.68	1,501,824,533.94	78,395,278.53
	46,192,711.43	30,264,342.28	52,099,721.07	26,832,261.41
	1,870,266,314.97	138,898,408.96	1,553,924,255.01	105,227,539.94

1,266,103.49

1,266,103.49

2021

38

	2,022,402.99	3,178,574.69
	866,744.14	1,362,246.30
	1,853,276.84	10,502,718.32
	2,005.32	159,722.56
	1,607,239.93	773,163.31
	577,829.44	908,164.18
	6,929,498.66	16,884,589.36

39

	371,625,398.14	261,227,946.35
	167,417,908.50	146,925,640.82
	47,441,622.63	64,849,539.22
	4,987,727.56	3,389,590.34
	6,987,804.13	23,326,288.16
	85,543,796.89	63,269,538.04
	684,004,257.85	562,988,542.93

40

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	59,981.20	147,844.99
	2,940,911.02	2,691,258.93
	49,124,211.91	52,302,390.37
	4,558,651.31	6,366,490.00
	2,695,908.25	3,048,951.73
	7,376,316.32	4,251,001.20
	6,225,234.48	5,924,112.17
	7,416,888.82	8,447,022.40
	32,086,073.38	28,358,308.83
	8,829,546.73	15,938,736.12
	262,823,365.95	256,943,498.17

41

	93,419,776.49	99,250,624.79
	32,402,495.31	24,014,092.75
	22,158,859.91	15,180,921.42
	195,144,127.21	166,049,009.09
	9,499,207.62	9,490,036.75
	2,252,788.13	963,227.80
	7,972,750.44	11,415,534.31
	362,850,005.11	326,363,446.91

42

	39,858,345.21	48,055,061.53
	5,791,083.41	3,286,525.15
	8,423,147.52	-1,328,167.97
	111,622.11	871,804.13
	42,602,031.43	44,312,172.54

43

	27,089,339.59	23,762,481.82
	285,992.30	1,147,212.06
	420,729.37	1,324,744.48
	27,796,061.26	26,234,438.36

44

	-365,591.64	-798,616.19
	289,909,689.61	
	796,963.50	
	2,323,296.00	
	292,664,357.47	-798,616.19

45

	2,141,434.70	-389,884.04
	27,491.75	28,065.25
	2,168,926.45	-361,818.79

46

	-12,423,485.09	
	-12,423,485.09	

47

	-1,697,214.12	285,454.26
	-1,697,214.12	285,454.26

48

	10,650.00	1,603,000.00	10,650.00
	179,448.06	303,833.34	179,448.06
	190,098.06	1,906,833.34	190,098.06

								/
						4,620.00		
						6,030.00		

49

	13,300,172.50	1,812,000.00	13,300,172.50
	894,995.38	202,650.47	894,995.38
	14,195,167.88	2,014,650.47	14,195,167.88

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	76,855,920.26	44,504,041.65
	-11,279,291.32	-3,888,203.90
	65,576,628.94	40,615,837.75

2

		666,662,323.16
/		99,999,348.47
		-39,438,624.07
		-1,144,842.01
		-12,962,858.19
		2,985,445.12
		-413,231.27
		52,930,650.84
		-36,379,259.95
		65,576,628.94

51

1

	5,791,083.41	3,286,525.15
	115,812,492.53	8,416,415.31
	27,335,316.12	49,800,840.02
	148,938,892.06	61,503,780.48

2

	350,721,146.68	261,227,946.35
	247,271,368.71	211,931,900.70
	50,382,533.65	67,540,798.15
	14,364,120.45	27,577,289.36
	4,558,651.31	6,366,490.00
	72,337,028.67	57,272,187.26
	6,225,234.48	5,924,112.17
	4,987,727.56	3,389,590.34
	2,695,908.25	2,524,012.65
	31,712,472.51	14,117,485.40
	4,703,661.75	7,285,411.98
	2,162,572.39	1,150,912.02
	22,944,912.40	24,810,332.12
	815,067,338.81	691,118,468.50

3

	632,872,728.63	
	632,872,728.63	

4

		418,572,000.00
	5,000,000.00	
PPP SBA (PPP)	(SBA) 2,596,910.20	
	7,596,910.20	418,572,000.00

52

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	601,085,694.22	225,840,267.92
	10,254,558.64	361,818.79
	92,526,025.63	82,737,714.53
	62,632,382.85	60,026,029.45
	698,037.20	698,037.14
	1,697,214.12	-285,454.26
		75,189.54
	48,281,492.73	46,726,893.55
	-292,664,357.47	798,616.19
	-5,007,639.50	-21,684,200.62
	-6,271,651.82	1,032,131.71
	-55,361,145.52	12,117,591.34
	-15,646,100.54	-11,193,853.56
	141,271,419.70	

	824,647,073.36	216,328,569.93

2

		273,763,500.00
	--	
		22,300,000.00
		251,463,500.00
		14,016,846.34
	--	
		752,269.90
		13,264,576.44
	--	
		259,746,653.66

3

	1,345,944,580.99	521,297,507.63
	2,264.40	2,596.35
	1,345,942,316.59	521,294,911.28
	1,345,944,580.99	521,297,507.63

53

07	280,000.00	/	28,000.00
	437,500.00	/	43,750.00
	437,500.00	/	43,750.00
	300,000.00	/	30,000.00
	600,000.00	/	60,000.00
08 ()	187,500.00	/	18,750.00
()	760,000.00	/	76,000.00
	2,900,000.00	/	290,000.00
-	2,522,500.00	/	252,250.00

	1,720,600.00		
	213,888.61		

2019	1,536,400.00		1,536,400.00
	250,000.00		250,000.00
	18,200.00		18,200.00
	500,000.00		500,000.00
	100,000.00		100,000.00
2020	100,000.00		100,000.00
" "	1,000,000.00		1,000,000.00
2020	750,000.00		750,000.00
2019	500,000.00		500,000.00
	125,217.79		125,217.79
	1,500,000.00		1,500,000.00
	3,081.79		3,081.79
	4,620.00		4,620.00
	6,030.00		6,030.00

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	251,463,500.00	100.00%		2020 08 19		287,023,769.84						
	22,300,000.00	100.00%		2020 12 25		3,628,653.78						

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2020 8 18

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				80.00%		
				51.00%		
				100.00%		
				100.00%		
				100.00%		
Xcovery Holdings, Inc.					61.93%	
Xcovery Beta Pharmaceuticals, Inc.					100.00%	
Equinox Sciences, LLC					61.93%	
				100.00%		
				100.00%		
				100.00%		
				100.00%		

				100.00%		

96.44%

3.56%

2016 4 29

1000

2020 10 26

2

Xcovery Holdings, Inc.	38.07%	-2,205,659.72		6,516,695.07

96.44%

3.56%

3

Xcovery Holdings, Inc.	17,023,163.11	715,995,776.20	733,018,939.31	107,239,957.55	2,596,910.20	109,836,867.75	27,289,721.10	713,902,369.37	741,192,090.47	28,300,914.41	28,300,914.41	

Xcovery Holdings, Inc.			-51,741,963.52	-51,741,963.52	-23,836,188.08		-56,902,925.77	-56,902,925.77	-50,270,262.24

2

1

Capio Biosciences, Inc.				20.17%	

20%

20%

2

	/	/
	499,644.15	2,047,176.70
	179,128.93	336,163.90
	678,773.08	2,383,340.60
	358,182.23	102,289.58
	358,182.23	102,289.58
	320,590.85	2,281,051.02
	64,663.17	460,087.99
		12,789,076.73
	-1,812,551.51	-3,959,425.82
	-1,812,551.51	-3,959,425.82

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	102,973,604.70	166,575,074.21	5,000,000.00	274,548,678.91
	102,973,604.70	166,575,074.21	5,000,000.00	274,548,678.91
			10,000,000.00	10,000,000.00
			10,000,000.00	10,000,000.00
			10,000,000.00	10,000,000.00
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4

	30%

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		2,932,827.00	20,000,000.00		12,024,895.00

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		18,954,400.00	17,455,300.00

2

		1,567,978.01	2,934,549.94
		569,763.36	978,183.31

		36,000.00	36,000.00

3

		24,576,883.29	20,151,384.82

4

1	2020		
		100%	25,146.35
2			
		100%	2230

6

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				691,989.94	
				230,663.31	

1

	2,024,292.00
	2,644,313.00

2

	Black -Scholes
	75,458,411.98
	31,708,698.14

1

	40,685,463.31	32,135,781.63

1 2018 5 3

2017

2018

800.00

650.00

150.00

2018 5 14

2018

2018

2018 5 14 2018 758.2
608.2 150

2 12 36

	12	24
	24	36
	36	48
		34%
		33%
		33%

3 Black -Scholes

	2,067,800.00	4.14	8,560,692.00
	2,007,100.00	7.02	14,089,842.00
	2,007,100.00	15.18	30,467,778.00
	6,082,000.00		53,118,312.00

4 2018 2020 5 13
182.5647

	1,825,647.00	4.14	7,558,178.58
	1,639,787.00	7.02	11,511,304.74
	1,631,685.00	15.18	24,768,978.30
	5,097,119.00		43,838,461.62

2

	16,173,180.79	11,613,932.21

1 2018 2018

802.00 714.55 87.45

2018 12 20 2018

2018

3

2018 12 20 2018 798.4

710.95 87.45

2 12 36

	12	24
	24	36
		34%
		33%

	36	48	33%
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3 Black -Scholes

	2,417,230.00	2.1840	5,279,230.32
	2,346,135.00	2.8490	6,684,138.62
	2,346,135.00	4.7340	11,106,603.09
	7,109,500.00		23,069,972.03

4

2018

202.4292

2020 9 4

5

	2,024,292.00	2.184	4,421,053.73
	1,942,875.00	2.849	5,535,250.88
	1,942,875.00	4.734	9,197,570.25
	5,910,042.00		19,153,874.86

3

2019 12

			874,500.00
		18,599,767.88	

1 2019 10 31

< 2018

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2018

71

87.45

2019 12 30

2018

2019 12 30

35.35 /

71

87.45

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12

24

	12	24	50%
	24	36	50%

4

	399,750.00	30.64	12,248,340.00
	399,750.00	31.78	12,702,855.75
	799,500.00		24,951,195.75

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1 2014 3 12 GUOJIAN XIE UNITED STATES POSTAL
SERVICE STATE OF CONNECTICUT SUPERIOR COURT
GUOJIAN XIE 2002 12 5 2012 11
2002 12 5 GUOJIAN XIE 4

GUOJIAN XIE

2 2014 7 4 SHANSHAN SHAO HONGLIANG CHU QIAN LIU SONG LU
STATE OF CONNECTICUT SUPERIOR COURT
2011 BETA DON ZHANG BETA
HONGLIANG CHU 45,310 0.1% HONGLIANG CHU
22,655 BETA 22,655 SHANSHAN SHAO 22,655 0.05%
SONG LU 105,620 0.2331% QIAN LIU 100,000 0.2207%
SHANSHAN SHAO

IPO

2015 1 9 SONG LU
3 2019 7 12

2019-045

Beta Pharma Inc.(

Don Xiaodong Zhang

BETA 2014

BETA

Don Xiaodong Zhang

2016 4

BPI-7711

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2020

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	128,080,503.03
	2021 3 24

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	53,929,904.60	100.00%			53,929,904.60	49,898,965.59	100.00%			49,898,965.59
	51,955,978.35	96.34%			51,955,978.35	47,311,341.57	94.81%			47,311,341.57
	1,973,926.25	3.66%			1,973,926.25	2,587,624.02	5.19%			2,587,624.02
	53,929,904.60	100.00%			53,929,904.60	49,898,965.59	100.00%			

90	90	53,368,998.38
90	-1 1	560,906.22
		53,929,904.60

2

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4

	6,203,228.95	11.50%	
	5,628,238.89	10.44%	
	2,850,573.78	5.29%	
	2,788,517.49	5.17%	
	2,358,666.72	4.37%	
	19,829,225.83	36.77%	

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	543,387,489.27	840,731,416.06
	543,387,489.27	840,731,416.06

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	1,492,851.35	633,854.35
	329,516.31	103,308.00
		568,388.00
	541,840,755.22	839,641,888.23
	12,950.00	8,419.00
	543,676,072.88	840,955,857.58

2

	12	()	()	
2020 1 1	224,441.52			224,441.52
2020 1 1				
	64,142.09			64,142.09
2020 12 31	288,583.61			288,583.61

1 1		286,636,166.31
90 90		254,581,166.31
90 -1 1		32,055,000.00
1 2		49,366,447.00
2 3		171,605,484.42
3		36,067,975.15
3 4		35,893,450.00
4 5		156,525.15
5		18,000.00
		543,676,072.88

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	224,441.52	64,142.09				288,583.61
	224,441.52	64,142.09				288,583.61

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			90	90	235,427,200.00	
			90 -1	1		
	331,575,605.22		19,000,000.00	1-2	2	60.99%
			41,000,000.00	2-3	3	
			36,148,405.22			
			2-3	3	117,448,200.00	
	153,335,150.00		3	35,886,950.00		28.20%
			90	90	1,900,000.00	
			90 -1	1		
	33,930,000.00		8,050,000.00	1-2	2	6.24%
			8,310,000.00	2-3	3	
			15,670,000.00			
			90	90	16,000,000.00	
	21,000,000.00		90 -1	1		3.86%
			5,000,000.00			
			2-3	3		
	2,000,000.00					0.37%
	--	541,840,755.22		--		99.66%

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	1,226,121,011.19		1,226,121,011.19	1,084,244,631.19		1,084,244,631.19
	12,423,485.09	12,423,485.09		12,789,076.73		12,789,076.73
	1,238,544,496.28	12,423,485.09	1,226,121,011.19	1,097,033,707.92		1,097,033,707.92

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	()					()	
	2,400,000.00					2,400,000.00	
	9,378,900.00					9,378,900.00	
	50,000,000.00		50,000,000.00				
	499,465,731.19	141,876,380.00				641,342,111.19	
	7,000,000.00					7,000,000.00	
	480,000,000.00					480,000,000.00	
	1,000,000.00					1,000,000.00	

	()					()	
	35,000,000.00					35,000,000.00	
		50,000,000.00				50,000,000.00	
	1,084,244,631.19	191,876,380.00	50,000,000.00			1,226,121,011.19	

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	()									()	
CapioBiosciences Inc.	12,789,076.73			-365,591.64					12,423,485.09		12,423,485.09
	12,789,076.73			-365,591.64					12,423,485.09		12,423,485.09
	12,789,076.73			-365,591.64					12,423,485.09		12,423,485.09

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	1,824,073,603.54	108,634,066.68	1,501,824,533.94	78,395,278.53
	22,935,760.30	20,611,307.00	21,471,214.31	19,883,661.58
	1,847,009,363.84	129,245,373.68	1,523,295,748.25	98,278,940.11

1,266,103.49

1,266,103.49

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