

300363)

2022

2023 04 14



01

2022

02

2022

03

2022

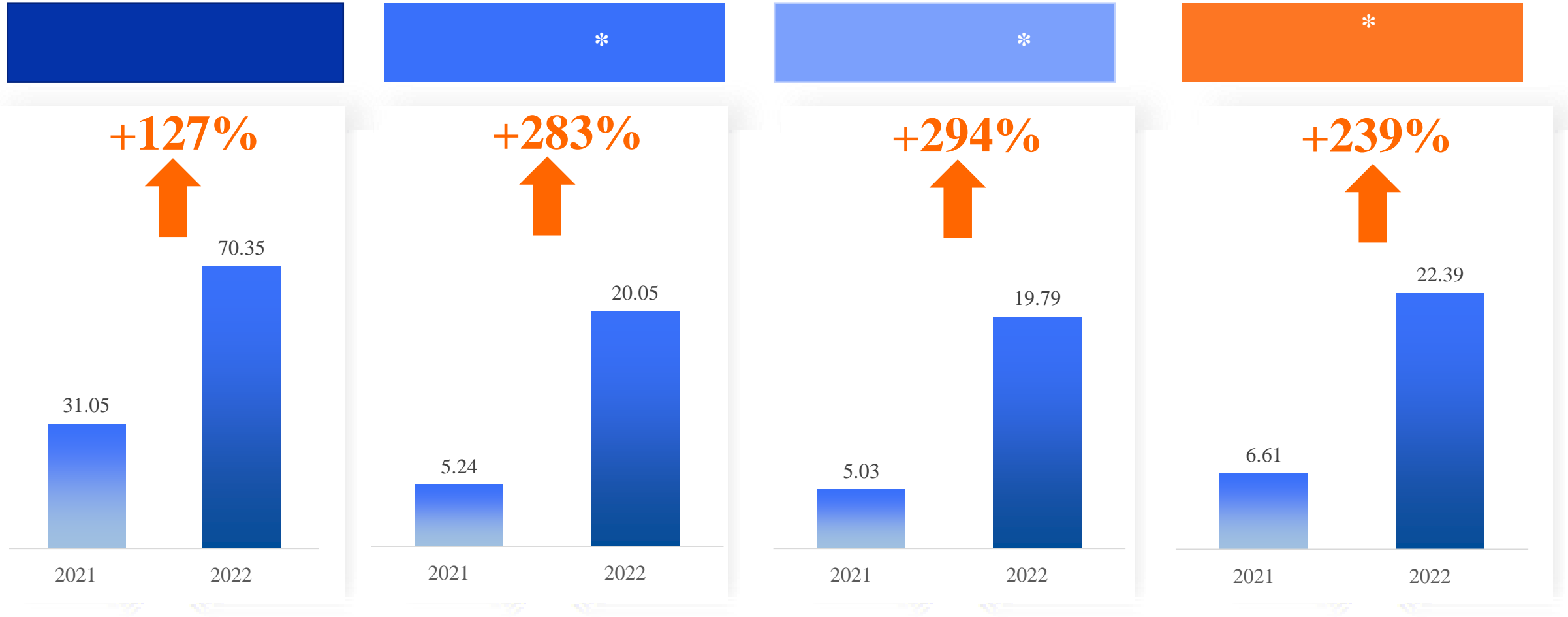
04

2023

01

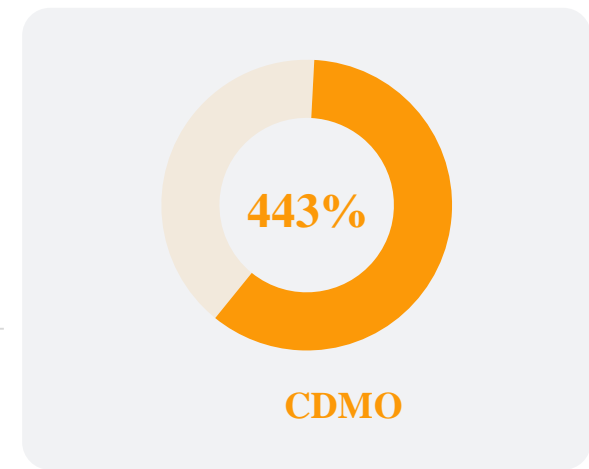
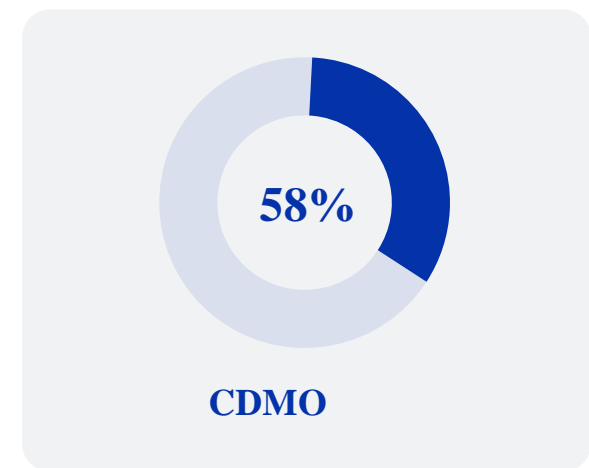
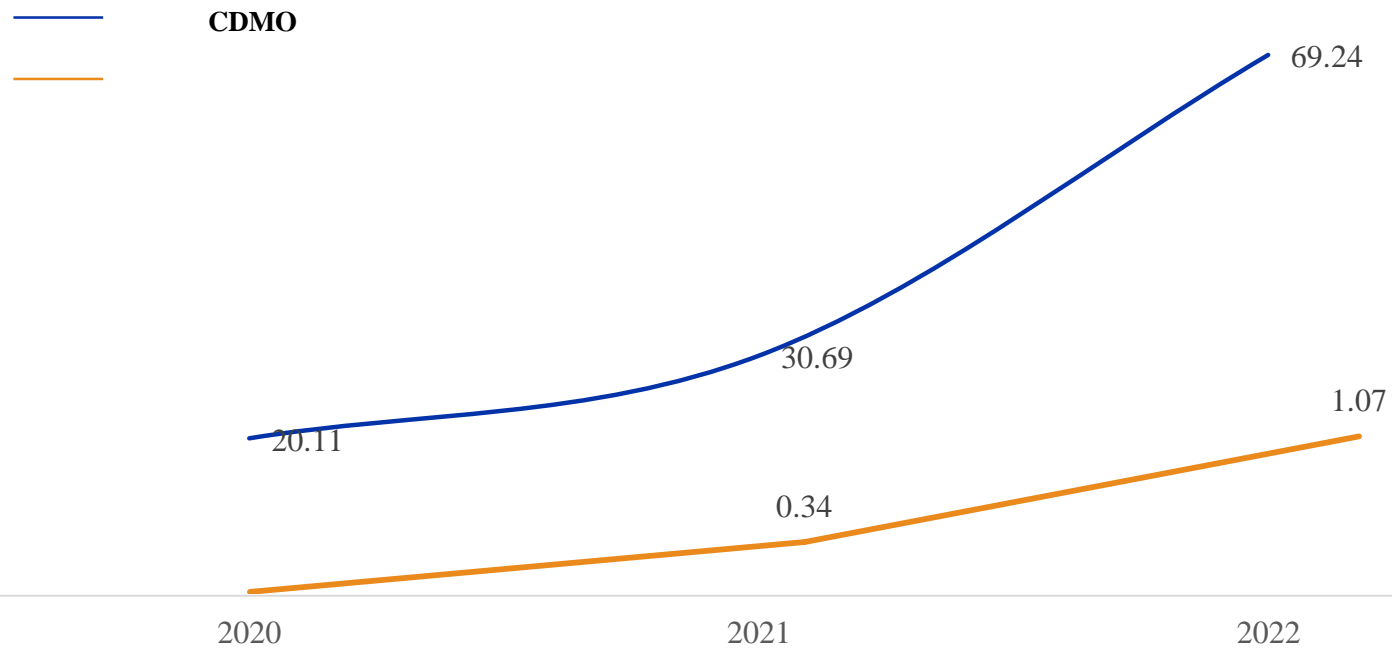
2022

# 2022



\*  
\*  
\*

# 1



2022

2.33

	2022	2021	
--	------	------	--

CDMO

-7,689

-8,550

10%

CDMO

-8,622

-2,006

-330%

-3,058

-3,134

3%

-3,848

-

-



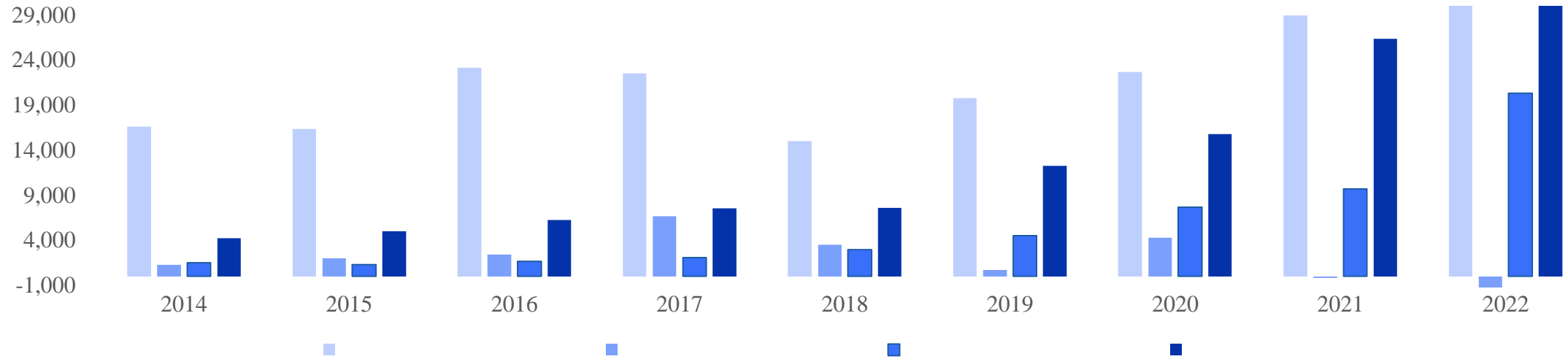
223,801

66,081

239%

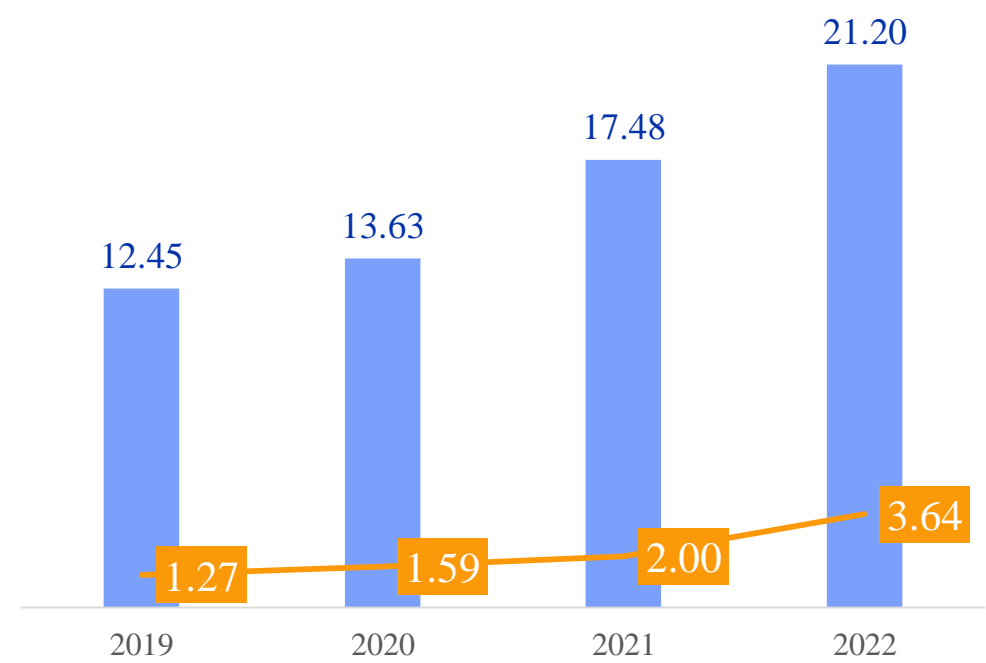
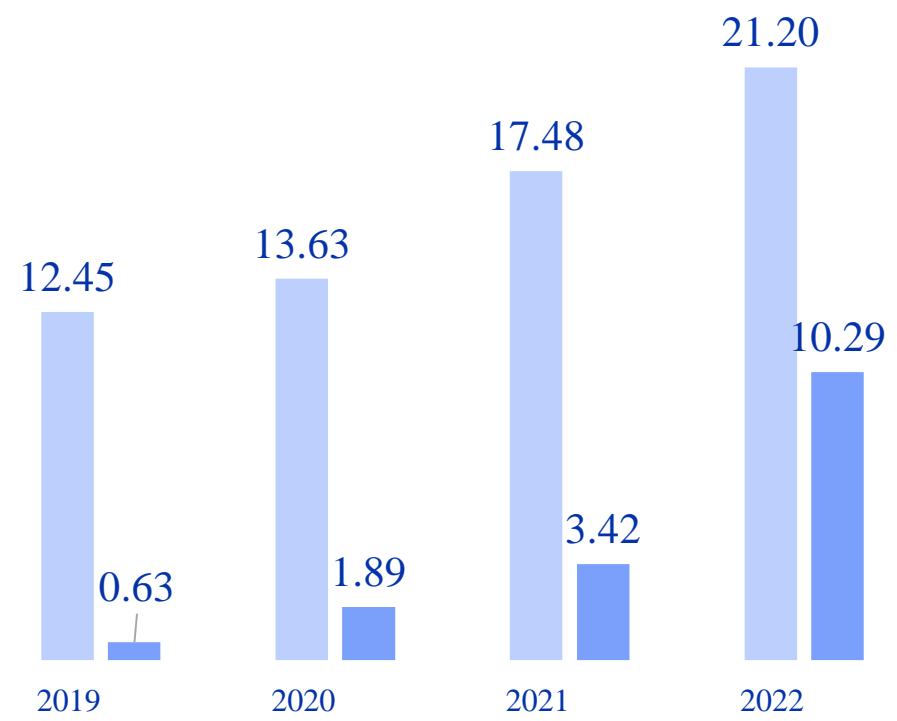
	2022	2021	YOY	2020
	51.96%	41.36%	+10.60	41.68%
	27.53%	15.32%	+12.21	15.60%
ROIC	30.59%	11.45%	+19.14	8.49%
ROE	40.31%	14.21%	+26.10	10.09%
ROA	26.94%	10.06%	+16.88	8.65%
	5.65	4.32	133.00%	5.52
	88.39	117.33	-24.67%	115.06
	3.64	2.00	82.00%	1.59
	36.20%	36.21%	-0.01	24.54%



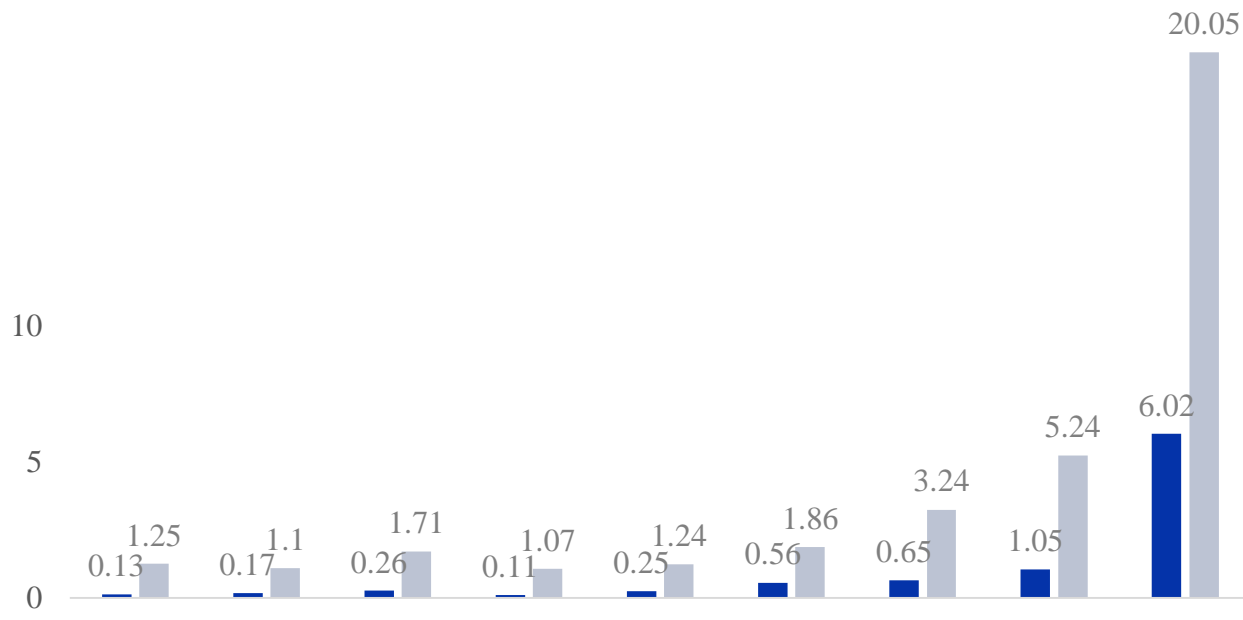


2014	2015	2016	2017	2018	2019	2020	2021	2022
16.84%	16.03%	17.45%	12.69%	12.66%				

### 3.64

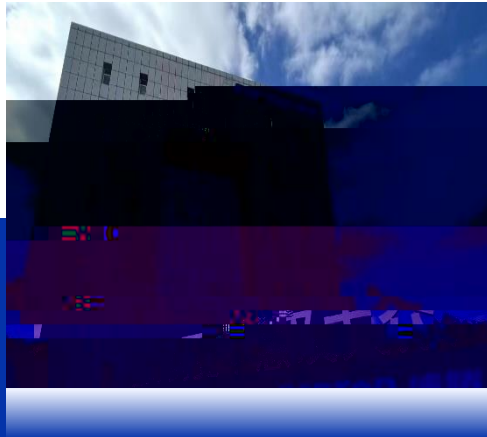


2022 3.64 82%



# 2022 CAPEX 14+

M&A



Menges,

2022 4

2.41

100%

301

J-STAR

GCT

02

2022

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**5,332**

**20+**

**~800**

**~2,200**

---

**~2,100m<sup>3</sup>**

**50,000**

**3**

**+2**

**10**

**+12**

API

400+

↗ +41%

164

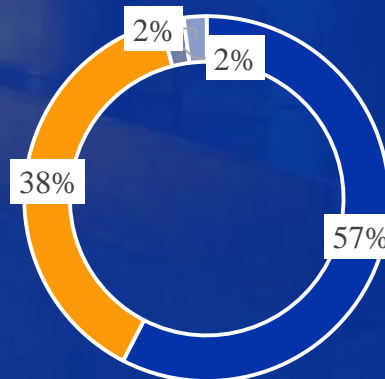
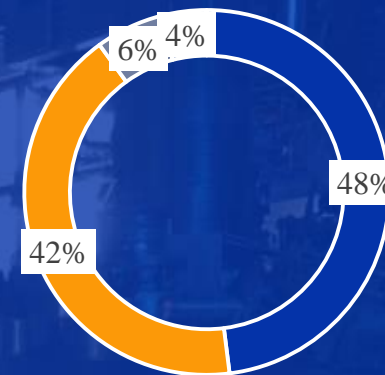
↗ +45%

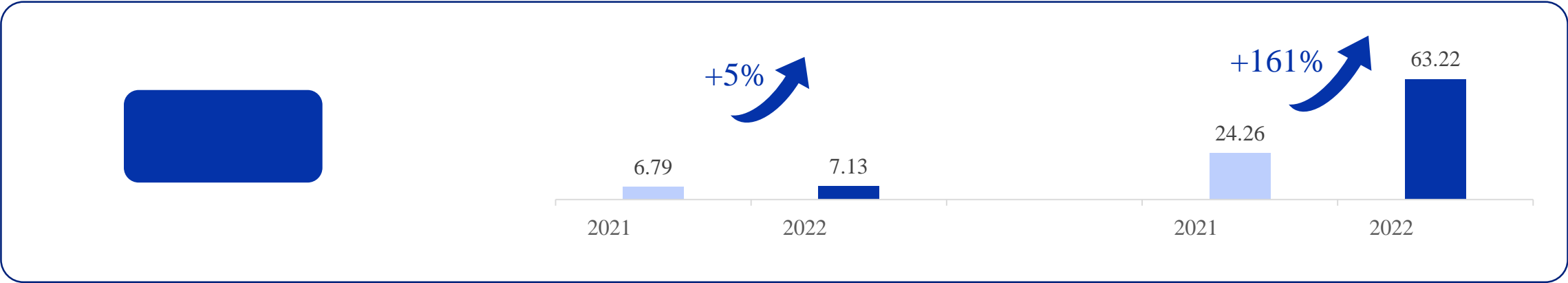
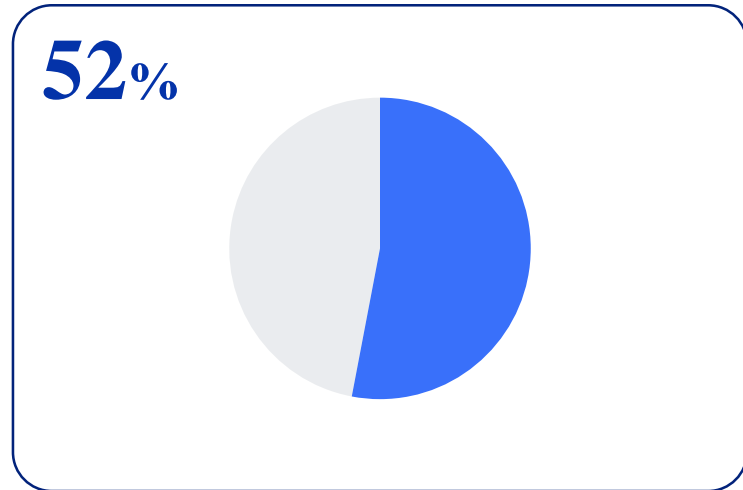
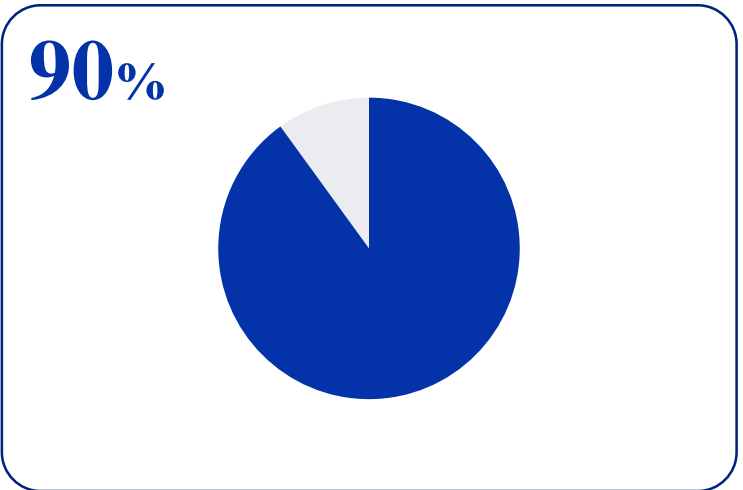
700+

↗ +33%

300+

↗ +50%



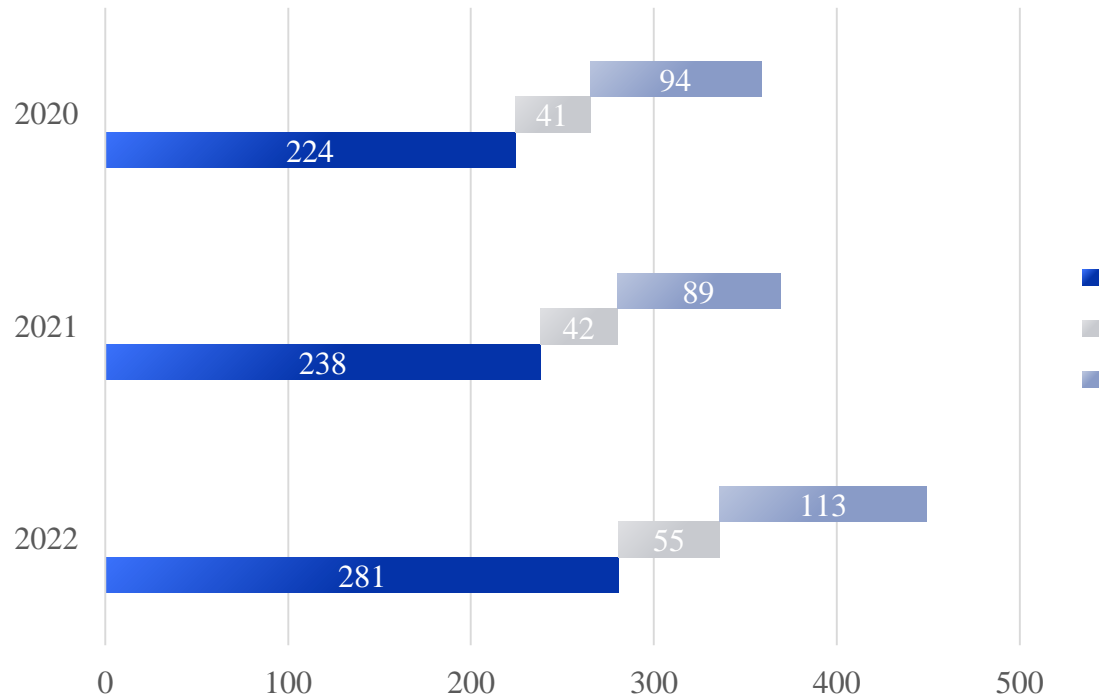




2022

CDMO

CDMO 2020-2022



2022

62.24

↑ +126%

573

↑ +18%

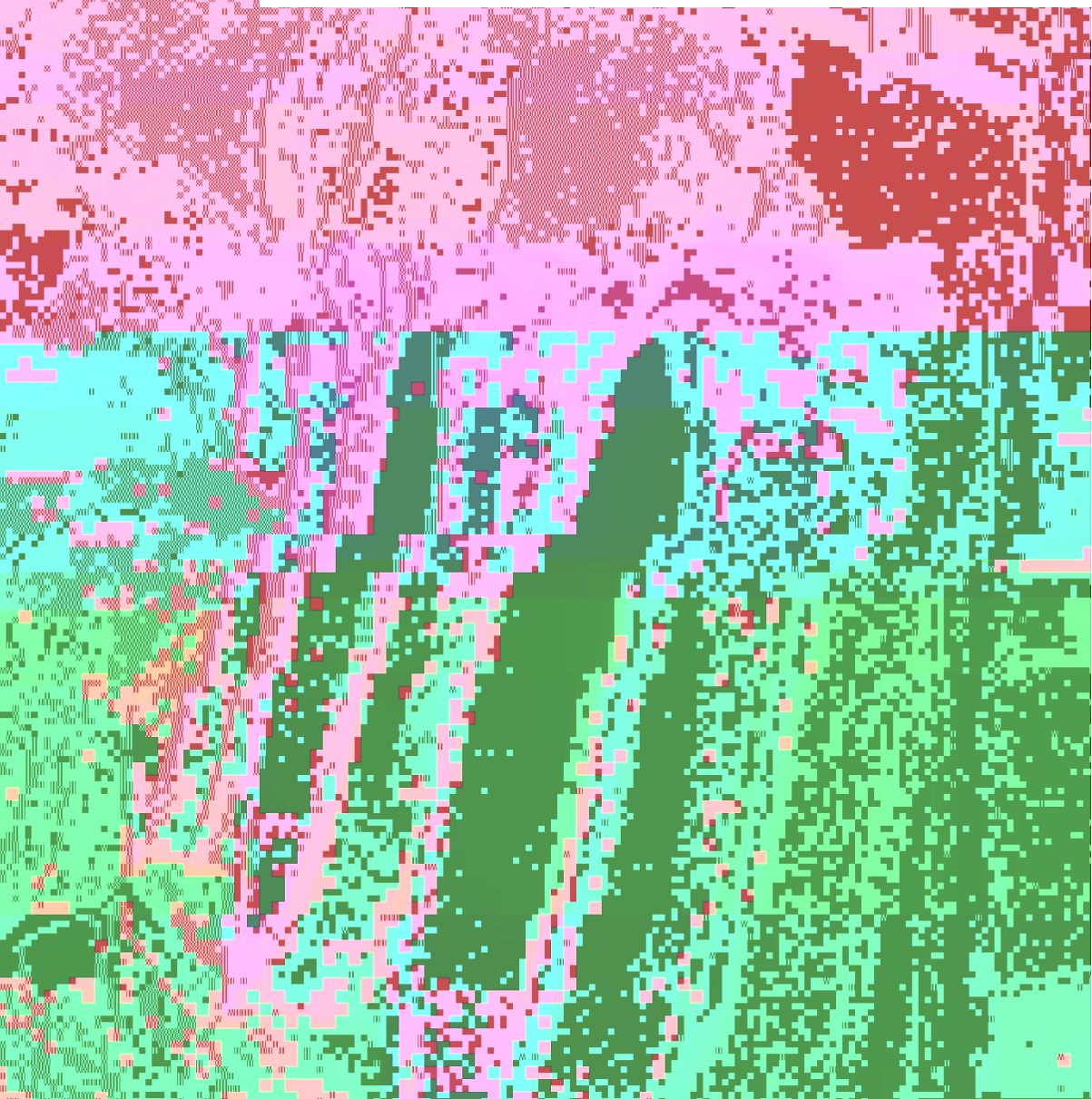
449

↑ +22%

3

↑ +1

API & PV



Porton + J-STAR

API  
**3.92**

API  
**35%**

API  
**127**

PV  
**28**

J-STAR  
**2.54**

J-STAR /  
**45 /30+**

2022

GCT CDMO

🚩	1.59	↗ +25%
🚩	7,528	↗ +443%
🚩	27	↗ +80%
🚩	52	↗ +93%

2022 2 IND  
5.2 B



# GCT CDMO



**~ 4,000**

mRNA

2 ~50L  
2

cGMP

BSL-2



**~16,000**

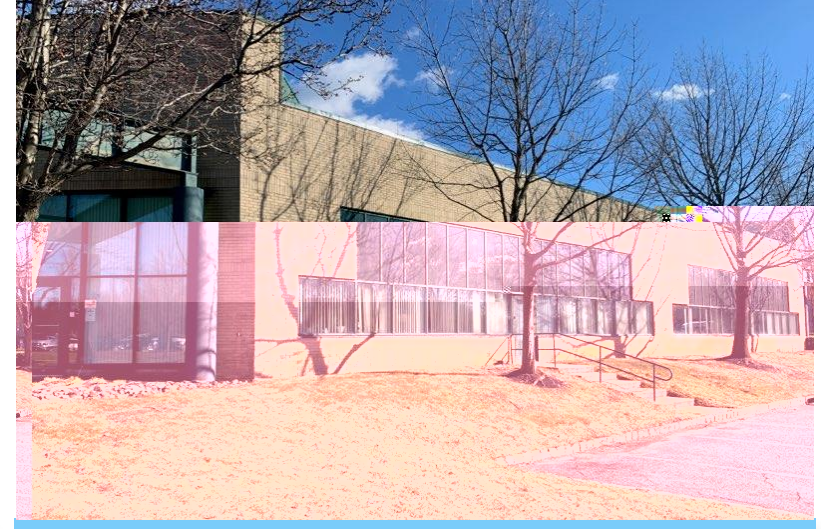
(LV/AAV/AdV)

mRNA

10 50~2000L)+1  
10 +2

cGMP

BSL-2



**~1,800**

(LV/AAV



# CDMO



🚩	1.19	↗️ +68%
🚩	3,184	↗️ +58%
🚩	64	↗️ +167%
🚩	80	↗️ +126%

1. 5 OSD OSD /

2. &



1,063

190

# 03



**AA**

ESG

**29**

CSA  
(2023 2 17 )

**A+**

ESG

**BBB**

MSCI

**3.46**

**1.04**

**1.6**

**30%**

**1,550**

**645**

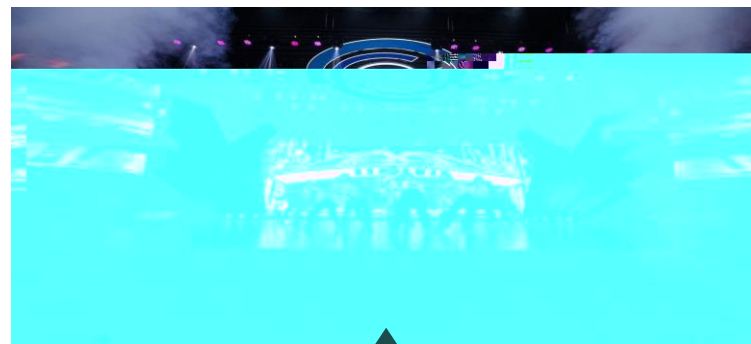
**3**

**4,050**

2022

ESG

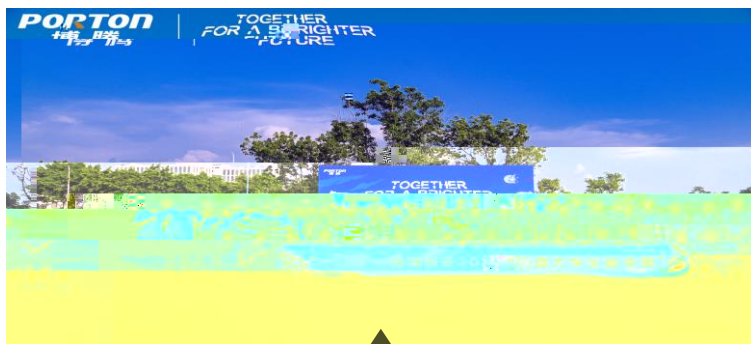




2022

2022 -

2022



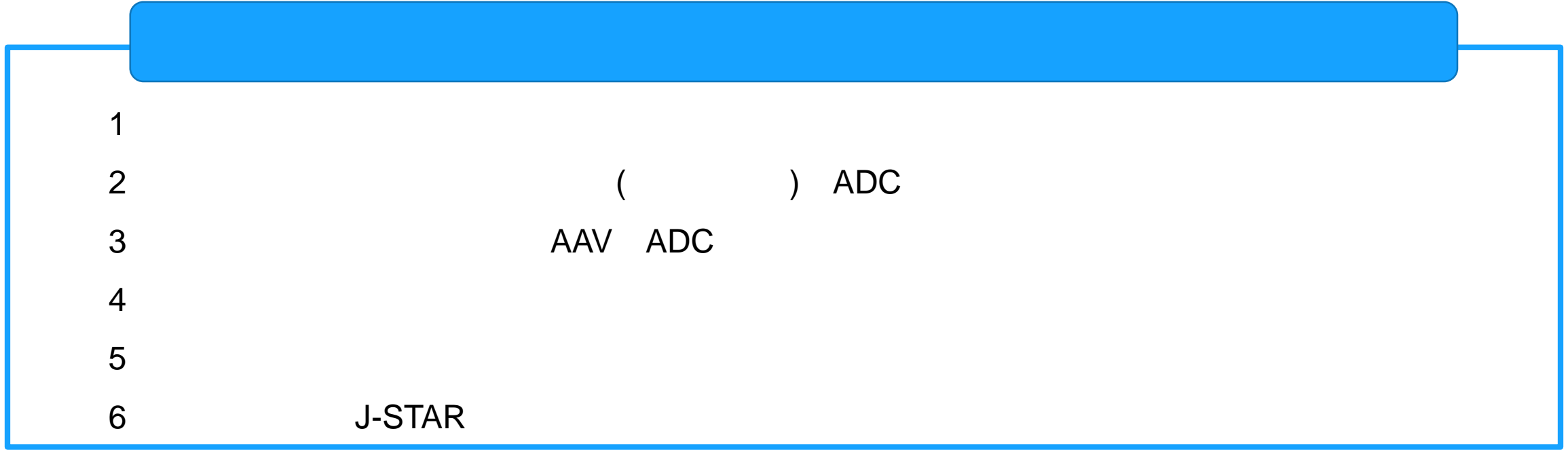
2022

-

2022

04

2023



1

2

3

4

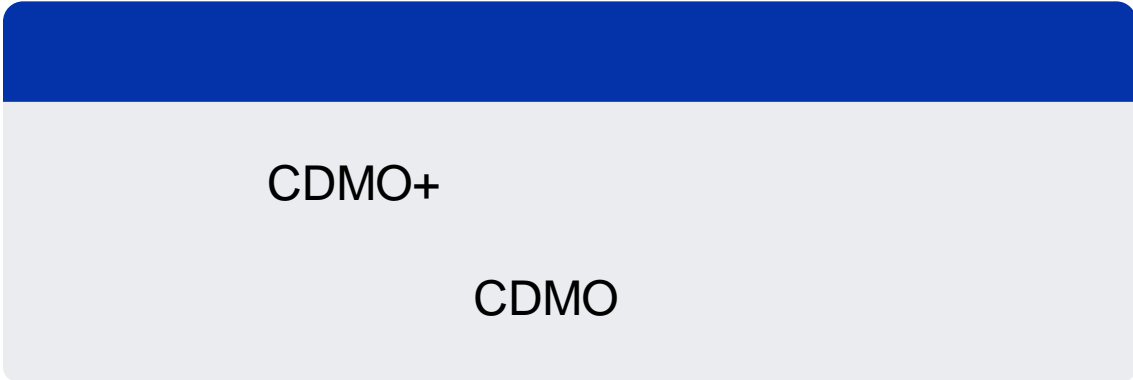
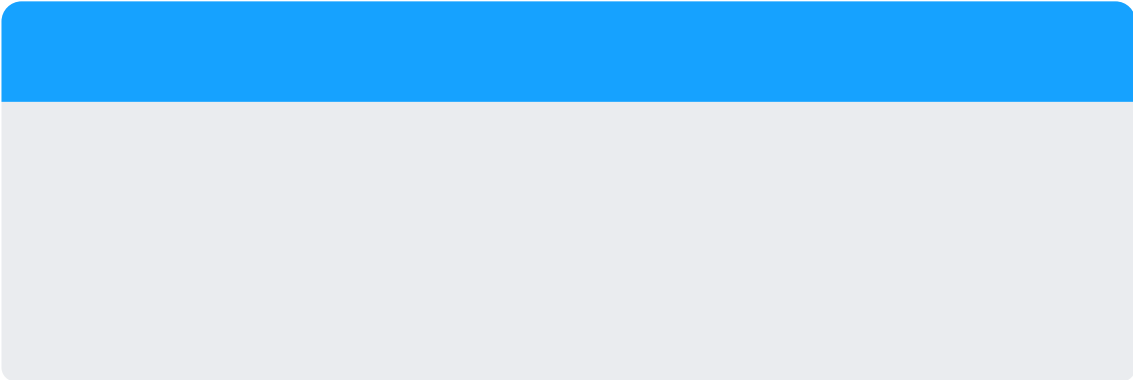
5

6

( ) ADC

AAV ADC

J-STAR



CDMO+

CDMO

2023

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01

02

03

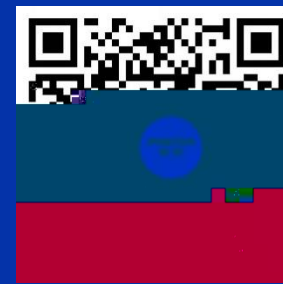
04

05

06

	2022	2021	
	7,034,801,054.11	3,105,149,629.68	126.55%
	3,379,557,167.30	1,820,840,537.68	85.60%
	203,292,576.22	97,019,085.71	109.54%
	604,371,878.17	289,613,425.52	108.68%
	-38,626,797.65	-1,889,400.52	-1,944.39%
	519,509,086.31	263,822,606.48	96.92%
	-30,415,712.45	-12,426,527.56	-144.76%
" -	-33,752,409.91	-41,400,767.81	18.47%
" -	-18,139,131.06	-22,519,938.06	19.45%
" -	102,701.44	-3,207,743.40	103.20%
	309,383,371.58	73,243,823.98	322.40%
	2,564,418,941.05	480,173,087.10	434.06%
	-1,436,300,703.38	-916,169,789.18	-56.77%
	260,838,874.27	350,217,270.32	-25.52%

	2022-12-31		2021-12-31		
	2,850,419,010.56	28.10%	1,216,870,789.10	18.54%	9.56%
	1,456,608,638.00	14.36%	1,035,069,446.63	15.77%	-1.41%
	902,196,386.55	8.89%	757,387,527.32	11.54%	-2.65%
	372,654,145.09	3.67%	377,130,857.54	5.75%	-2.08%
	2,120,257,371.67	20.90%	1,748,203,062.70	26.64%	-5.74%
	1,029,021,600.29	10.14%	341,581,208.41	5.21%	4.93%
	231,824,018.24	2.29%	226,712,952.53	3.45%	-1.16%
	267,095,538.08	2.63%	130,802,087.84	1.99%	0.64%
	330,113,384.93	3.25%	280,426,228.69	4.27%	-1.02%
	303,345,917.52	2.99%	389,662,412.19	5.94%	-2.95%
	638,400,032.92	6.29%	596,353,128.78	9.09%	-2.80%
	312,912,245.62	3.08%	23,999,996.00	0.37%	2.71%
	207,332,627.76	2.04%	207,335,739.78	3.16%	-1.12%



Porton

