



Formosa Laboratories, Inc.

Company Presentation

TWSE 4746

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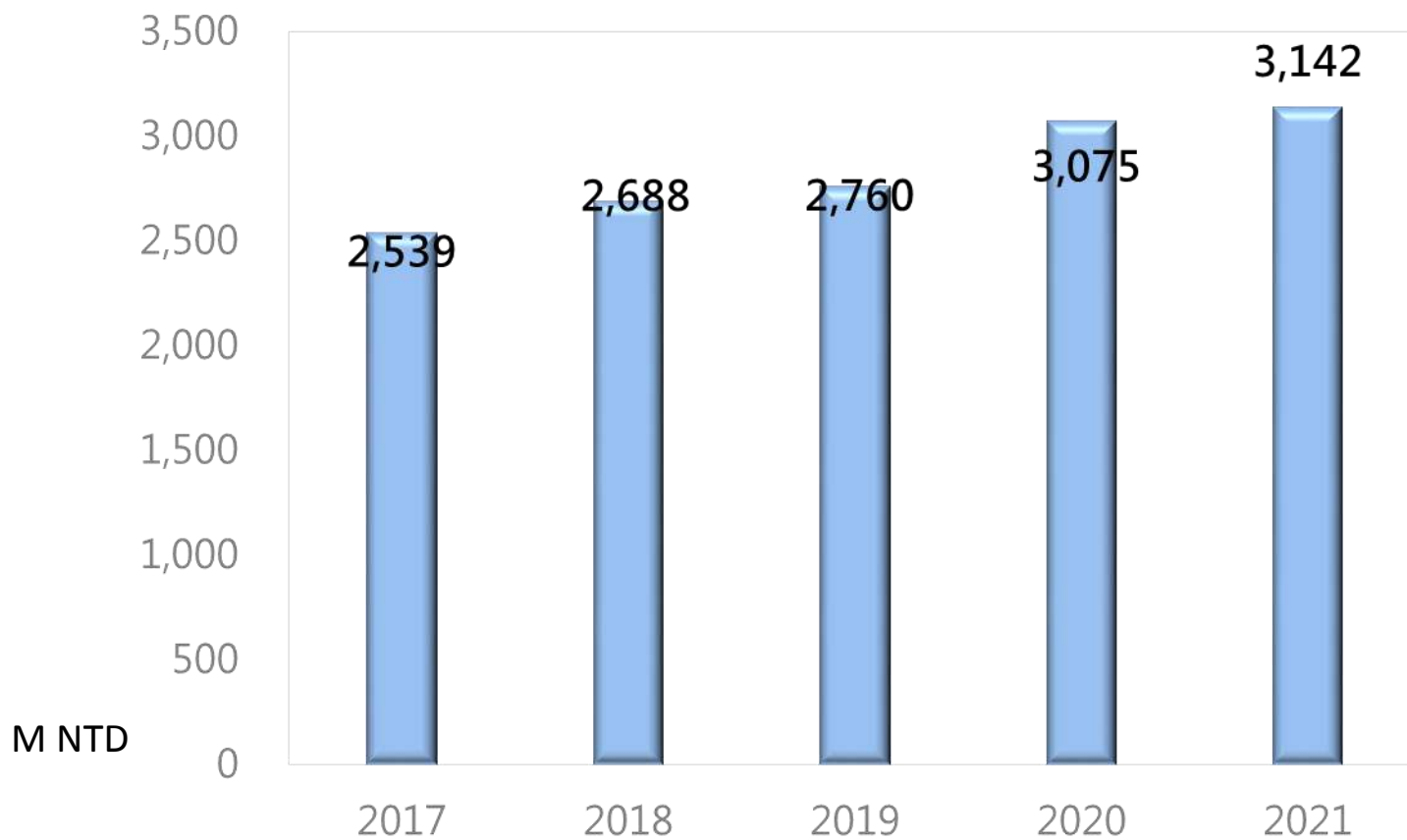


Operation Results

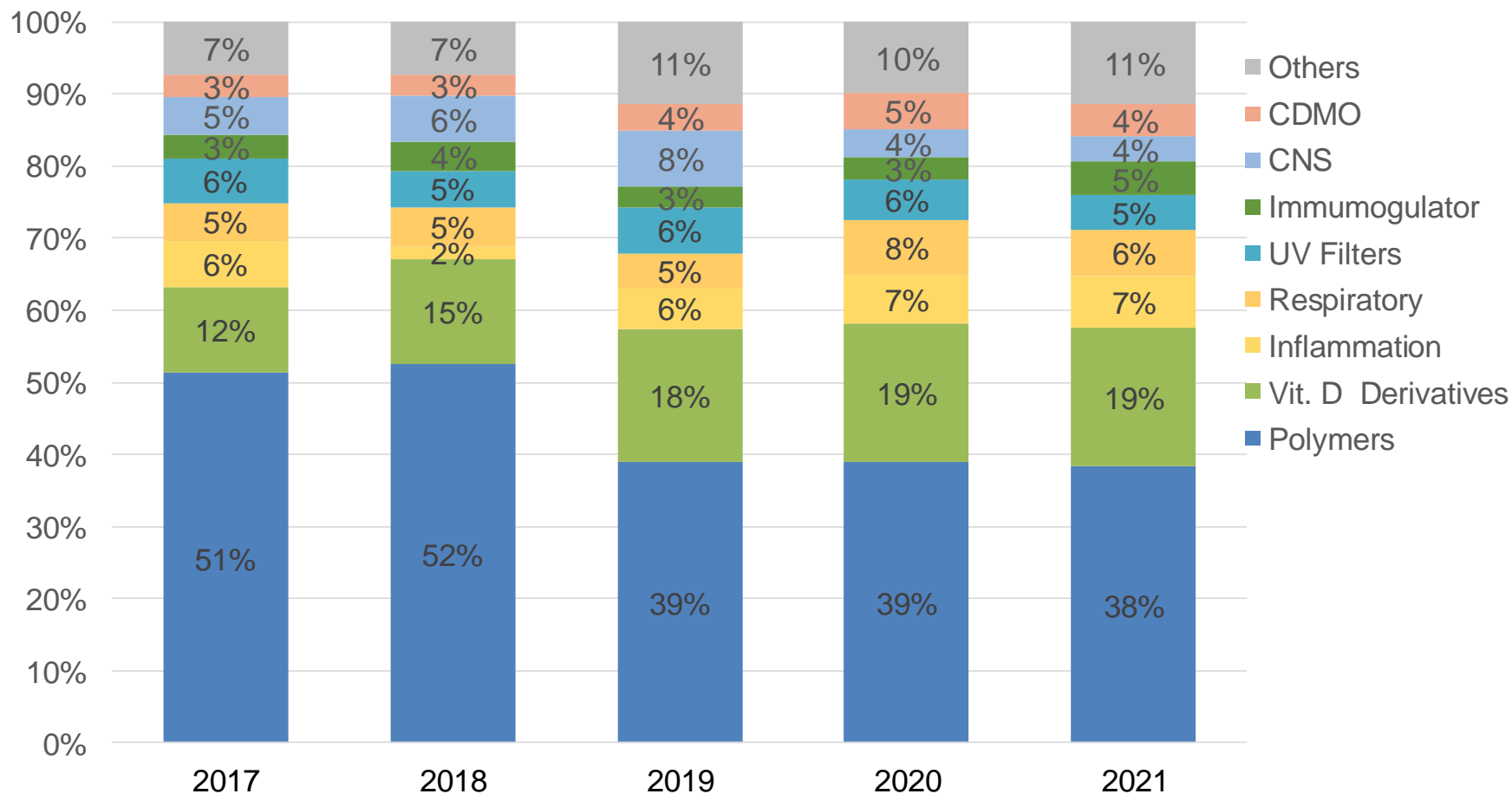
2021 Sales

<i>NTD M</i>	2021	YoY
Polymers	1,204	0%
Vit. D Derivatives	606	3%
CDMO	140	-8%
Others	1,192	5%
Total	3,142	2%

5 years top line results



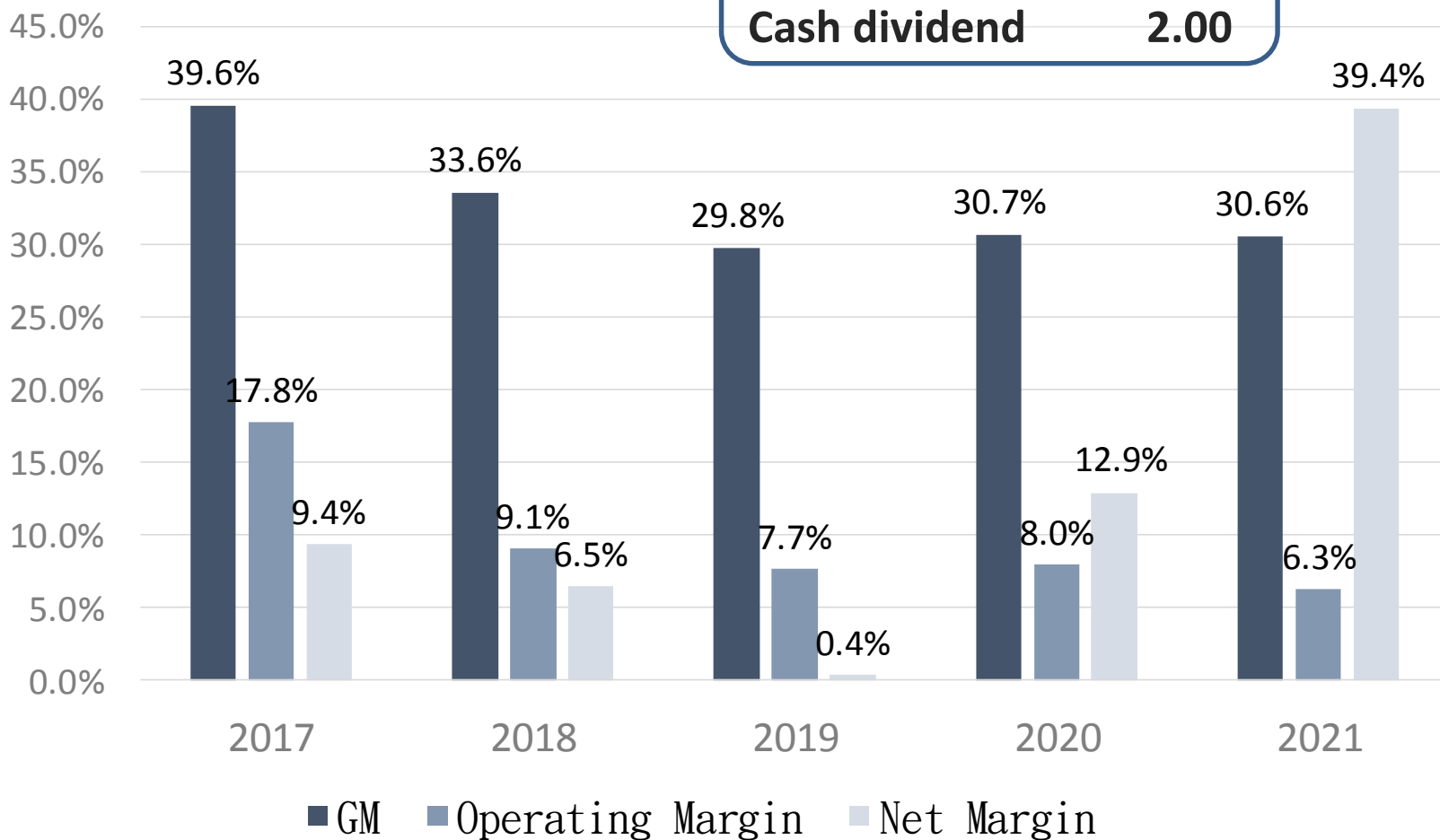
Product Mixture



Profitability

2021

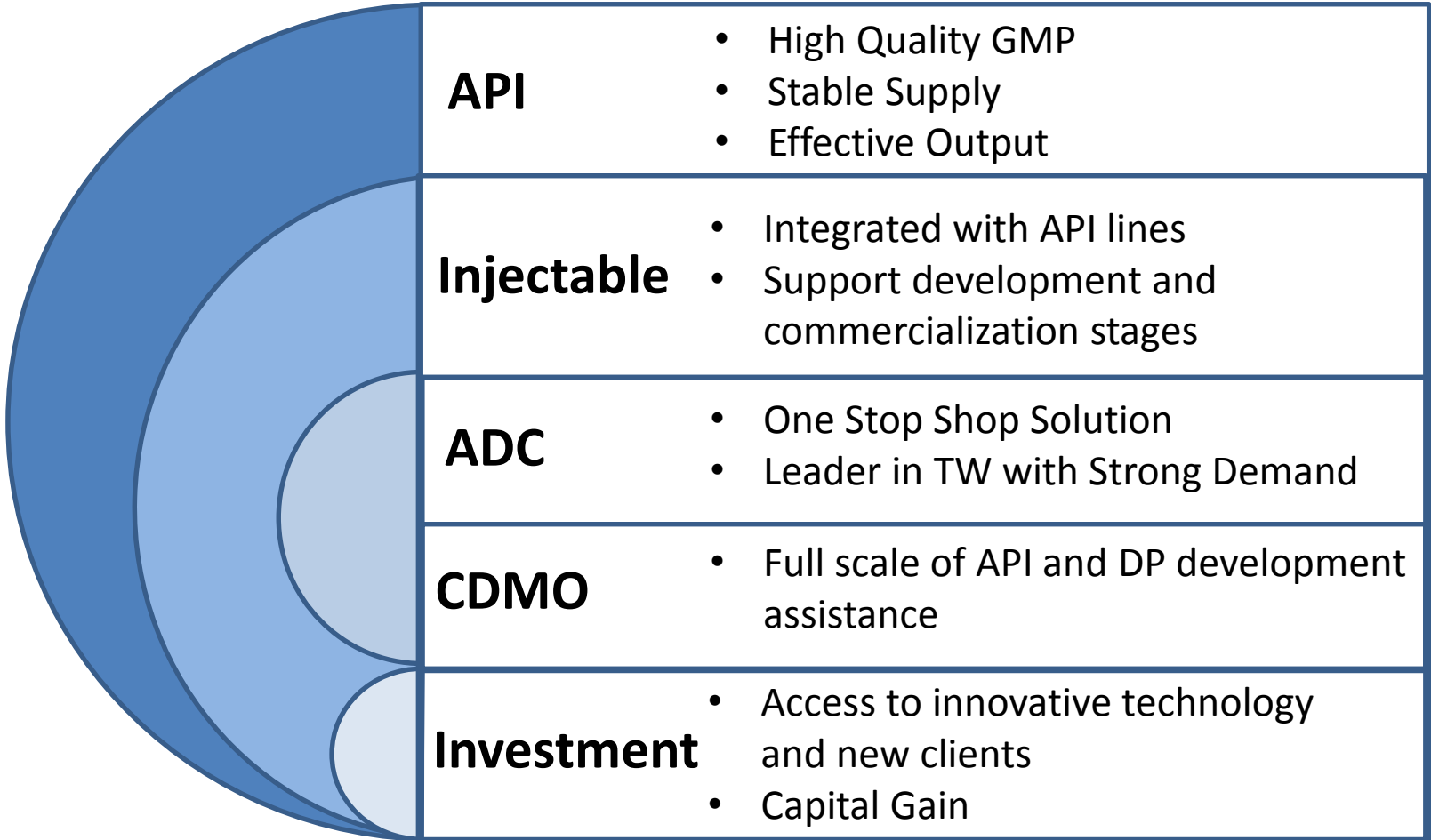
EPS	10.92
BP per share	61.50
Cash dividend	2.00





Business Strategy

Integrated CDMO service



Partners for Key Areas



Protein
Drug
fill finish

Nebulizer



ADC
Biosimilar

API and Injectable



Access to Innovative
Tech with Alliances



Nano Tech
505(b)(2)

Amino Acid
Nuclide acid
mRNA

Global Quality System

Country/ Agency	First Inspection	Last Inspection
US FDA	2004	2018
Germany BGV	2007	2013
Japan PMDA	2009	2020
Mexico COFEPRIS	2010	2013
Europe EDQM	2013	*
Taiwan TFDA	2002	2021



- 46 products granted with GMP certificates
- 49 US DMF, 17 EU DMF、14 JMF、15 CN DMF and 8 COS
- Taiwan becomes a PIC/S member since 2013 and PIC/S members in principle will not need to inspect additionally

High Potent Facility



- Vit D derivatives
- Steroid hormones
- Anti-cancers
- ADCs

Fermentation Facility





API Business

API Product Lines

Anticancers

Anti-inflammatory
& Analgesic Agents

MRI Enhancing
Agents

Respiratory Agents

Polymeric Drugs

CNS Agents

Immunomodulators

Steroids

Vit. D Derivatives

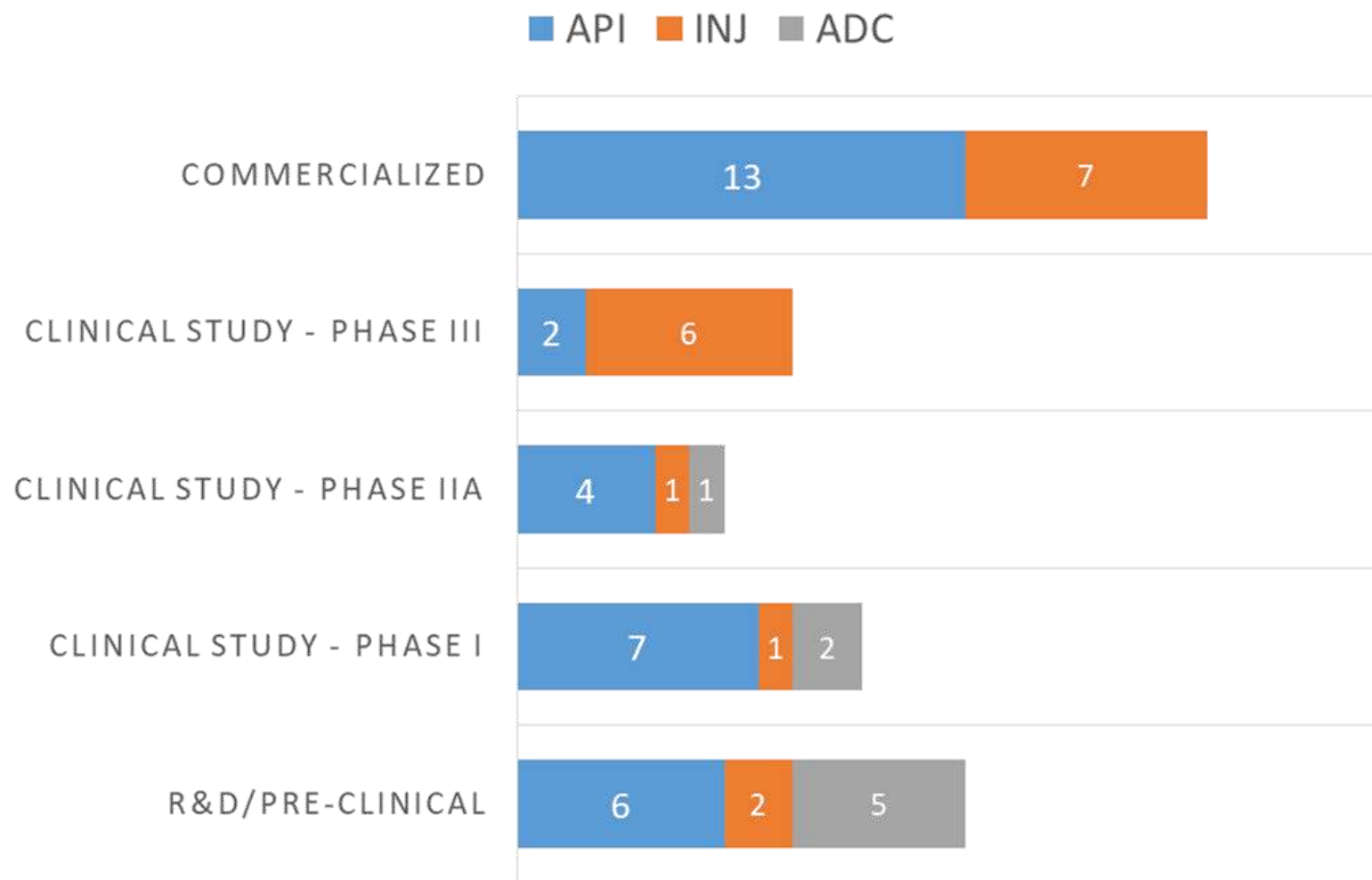
Antibiotics

Key Product Update

● Polymers

- ✓ Sevelamer Carbonate & Sevelamer HCl
 - 20-30% Growth for 2022 in EU
 - 40-50% market share in the US
 - ✓ Colesevelam
 - 80% of the US market
 - Product launch in EU in 2022Q2
 - ✓ Colestipol
 - Exclusively supply to all approved generics companies except for AG, generics market share in the US ~ 99%
 - ✓ Strong market position with 40-70% share for all product lines in the world
 - ✓ Expansion to fit demand
- ### ● Chinese Market
- ✓ Positive view with new product launches

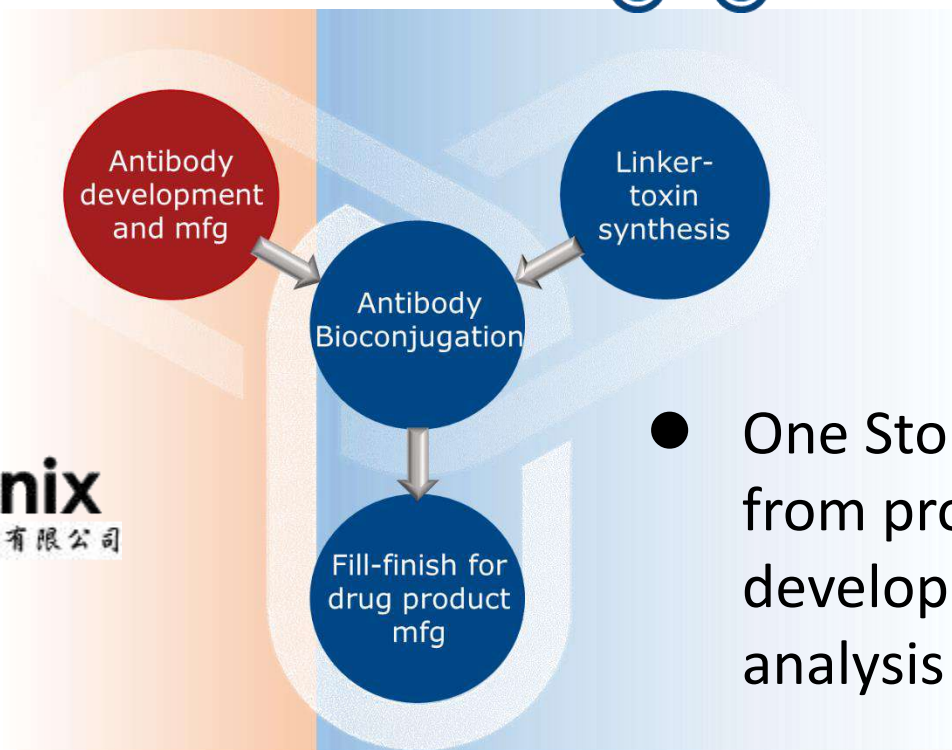
CDMO full scale service



Strong CDMO Demand

- Strong income generation capability
- Clients including Big Pharma entered into efficacy confirmation and scale up stages, boosting demands
- Well developed ADC service platform for domestic and international clients with milestone supporting human trial and passing QP inspection
- Generated RD and manufacturing services up to formulation development and injection for any need against COVID-19 pandemic

ADC service



- One Stop Shop service from process development, scale up, analysis and fill finish

Strong ADC Demand

- Domestic and International Request
- Leading position in Taiwan for capability and capacity
- Line Expansion to meet demands

Batch Size	Client Region	Clinical Stage
00's g	APAC	Phase 2
00's g	Europe	Pre-clinical->Phase 1
00's mg	APAC	Pre-clinical
00's g	APAC	Phase 1
0's g	APAC	Pre-clinical
0's g	APAC	Pre-clinical

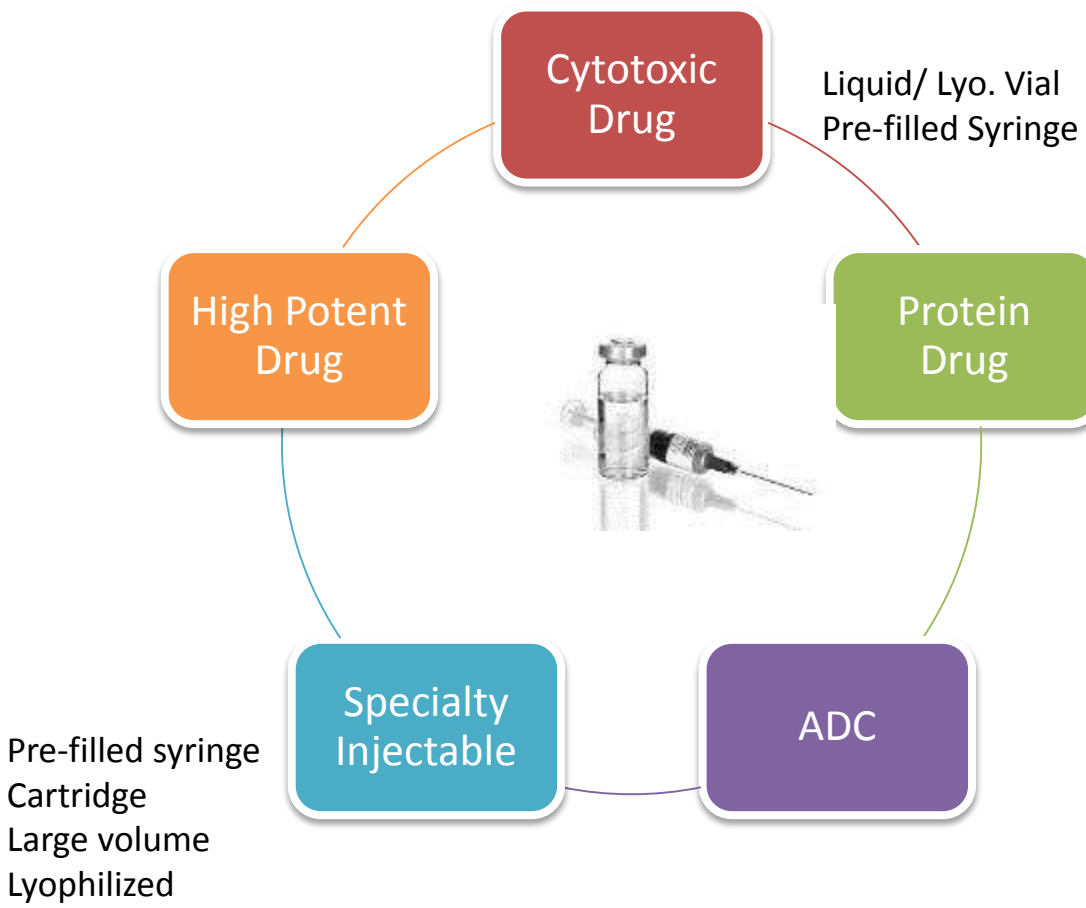
Injectable DP

Global Standard Line

- NNE design
- USA(FDA), EMA and PMDA standard
- Serve small molecules and protein needs
- Regular line over 100M doses per anna.
- Cytotoxic line over several dozen M doses per anna.
- Eligible to support million doses for pre-clinical demand
- Scheduled inspection by government agents from 2021Q1 to 2022Q2
 - 2021Q3 cytotoxic line inspected by TFDA
 - 2021 granted with PICs GMP and PICs GDP certificates



Partner from DS to DP



BLA
Biosimilar
Biobetter
Vaccine



台耀化學股份有限公司

Q&A