FOSUN PHARMA 复星医药

# **Investor Presentation**

**2022 Annual Report** 

Prepared in accordance with China Accounting Standards



Performance Highlights and Financial Review

# Performance Highlights (1/3)

#### Revenue

RMB 43,952 million (+12.66% YoY)



Mainly due to new launches in the past few years

#### **Revenue from regions** and countries outside **Chinese Mainland**

RMB 13,938 million (+2.49% YoY)



 Revenue from regions and countries outside Chinese Mainland accounts for 31.7% of the total revenue

#### **Net profit after one-off loss**

RMB3,873 million (+18.17% YoY)



Mainly due to the solid revenue growth and effective control of marketing expenses

## Revenue from new launches in the past few years

% Pharmaceutical Revenue



>30%

(>25% in 2021)

Innovative drugs and biosimilars contributes nearly RMB10 billion of the revenue

#### **Net operating cash flow**

RMB4,218 million (+7.10% YoY)



Mainly due to the cash flow contribution from revenue growth and recurring profit during the reporting period

#### **MSCI-ESG**



Improved from BBB to A, leading in the industry



# Performance Highlights (2/3)

#### **Product**

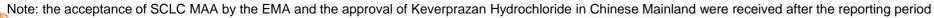
- Serplulimab injection (PD-1) is approved for MSI-H, sqNSCLC and ES-SCLC in Chinese Mainland; SCLC was granted with Orphan-drug Designation from FDA and EC; the MAA of SCLC was accepted by the EMA\*
- Azvudine tablet has been commercialized in Chinese Mainland and included in the 2022 NRDL
- Yi Kai Da (CAR-T) LBCL second-line therapy NDA was accepted by the NMPA and granted with Priority Review in October 2022
- 13-Valent Pneumococcal Conjugate Vaccine entered into phase 3 clinical trial
- Comirnaty (mRNA COVID-19 vaccine) covered both public and private markets in Hong Kong and Macau regions
- Keverprazan Hydrochloride is launched in Chinese Mainland\*
- Products including RT002 (long-lasting DaxibotulinumtoxinA product) and Tenapanor (NHE3) completed Phase 3 clinical trial

#### Collaboration

- License-in: Amgen
   granted Fosun Pharma
   exclusive right to
   commercialize Otezla
   and Parsabiv in
   Chinese Mainland
- License-out: upfront payment from products licensed-out to Organon, Eurofarma, Abbott and others in markets outside Chinese Mainland

#### Internationalization

- Collaborated with Syneos
   Health and initiated
   Serplulimab injection (PD-1)
   prelaunch in the U.S.
- Building localized manufacturing capacities in Africa Côte d'Ivoire
- Controlled subsidiary Gland Pharma to fully acquire Cenexi and to enter into Europebased CDMO
- Controlled subsidiary Sisram established new direct sales teams in the UK and Dubai.
   Direct sales revenue accounts for 66% of the 2022 revenue



# Performance Highlights (3/3)

#### **Organizational Restructuring**

- Clarifying business boundaries; subdivided Pharmaceutical into Innovative Medicines Division, Established Medicines Manufacturing & Supply Division and Vaccine Division; integrating R&D, marketing and commercialization under headquarter management; gathering resources to develop quality business
- Optimizing R&D decision making mechanism; setting key decision making steps GT1-GT6 for studies according to the R&D stages; making project decisions through Scientific committee, Clinical and Registration Committee and R&D Management Committee

#### **Talent Led R&D**

- Numbers of senior scientists and C-level talents joined Fosun Pharma, covering early R&D, CMC, clinical medicine and clinical operations
- Constructing Scientific
   Advisor Board (SAB),
   bringing in former
   corporate executives and
   academicians, scientists,
   clinical leaders and
   regulatory experts from
   well-known universities

#### **Industry Chain Integration Capabilities**

# Case: Azvudine tablet Within 5 months:

- Selected and licensed in Azvudine tablet
- Obtained emergency conditional approval in Chinese Mainland to treat adult patients with normal type COVID-19
- Established professional sales team to commercialize in Chinese Mainland
- Leveraged advantages in distribution network and logistics to rapidly expand sales channels
- Collaborated with multiple manufacturers to secure supply
- Delivered 6.74 million bottles of Azvudine tablet by the end of 2022



# **Financial Review**

Key Financials (RMB million)	2021	2022	YoY	Expense Structure	2021	2022	Key Indicators	2021	2022
Revenue	39,011	43,952	12.7%	Gross Margin	48.1%	47.3%	Cash and bank balances (RMB million)	10,317	16,241
Net profit attributable to shareholders	4,729	3,731	-21.1%		22.20/	20.00/			
Net profit after one-off loss	3,277	3,873	18.2%	Selling and Distribution	23.3%	20.9%	Net asset attributable to shareholders (RMB million)	39,196	44,582
Net operating cash flow	3,938	4,218	7.1%	Administrative	8.3%	8.7%	Current ratio	1.04	1.06
R&D Expenditure	4,978	5,885	18.2%	R&D	9.8%	9.8%	Current ratio	1.04	1.00
R&D Expense	3,837	4,302	12.1%		4.007		Quick ratio	0.85	0.85
Basic EPS (RMB/share)	1.85	1.43	-22.7%	Finance	1.2%	1.5%			
Dividend Payout Ratio (Subject to approval by the shareholders)	30%	30%	-	Gross Margin minus Selling and Distribution	24.8%	26.4%	Debt-to-asset ratio	48.2%	49.5%

Note: nonrecurring loss RMB142 million (-1,593 million YoY), mainly due to market fluctuations of BNTX and other stocks held by the Group; the net effect of BNTX disposal and fair value changes results approximately RMB1 billion one-off loss; realized RMB3,731 million (-21.10% YoY) net profit attributable to shareholders for the reporting period

#### Note:

- The decrease of Gross Margin was mainly due to: 1) the lower gross margins on overseas sales of third party personal protective products for COVID-19; 2) the unit price increase of some core products due to the increase in labor costs and raw materials; 3) but the GM of Pharma business increased by 2.96 pct due to the continuous optimized product structure
- The decrease of selling and distribution rate was caused by the combined impact of: 1) continuously strengthen the control of sales expanse; 2) the decreased selling and distribution rate of volume based purchasing products;3) spend on market development and sales team for new launches in the past few years including Serplulimab injection (PD-1)

Note: the increase of cash and bank balances was mainly due to the raised RMB4.48 billion from non-public placement of A-Shares in July 2022. The raised fund is for 1) innovative drug clinical trials, license-in and launch; 2) construction manufacturing base for API and formulation; 3) replenishment working capital



# Financial Review - Segments Breakdown

#### **Pharmaceutical**

Revenue RMB 30,812 million (+6.60% YoY); Segment results<sup>1</sup> RMB3,795 million (+28.04% YoY); Profit RMB3,413 million<sup>2</sup> (+29.77% YoY)

Revenue change was mainly driven by:

- Rapid growth from new launches in the past few years
- Gland Pharma revenue -6% YoY<sup>5</sup> due to the suspension of production line for upgrade and insufficient supply of packaging materials
- Comirnaty (mRNA COVID-19 vaccine) sales -30% YoY

The growth of Segment results and Profit was mainly driven by:

- Increased profit margin with improved product portfolio
- The decrease of selling and distribution rate

#### **Med Tech**

Revenue RMB6,949 million (+17.03% YoY); Segment results<sup>1</sup> RMB521 million (+11.87%<sup>3</sup> YoY); Profit RMB771 million (+2.33%<sup>3</sup> YoY)

Growth was mainly driven by:

- Strong growth of Sisram's medical aesthetics business in key markets including North America and Europe through new launches and distribution channel expansion
- Sales of COVID-19 Antigen Test and other new launches

#### **Healthcare Services**

Revenue RMB6,080 million (+33.56%<sup>4</sup> YoY); Segment results<sup>1</sup> RMB622 million loss (RMB255 million less YoY);Profit RMB792 million loss (RMB359 million less YoY)

Growth was mainly driven by:

 Growth from online services and revenue recovery from offline hospitals

The decline of Segment Results and Profit was mainly caused by:

- Investment in online business
- Periodic decrease in diagnosis and treatment volume of hospitals
- Initial loss of newly opened hospitals

Note 5: Based on the financial statements of Gland Pharma in its reporting currency



Note 1: Segment results are obtained as segment revenue less costs of sales, selling and distribution expenses, administrative expenses and R&D expenses

Note 2: Pharmaceutical segment profit excludes the effect on sales of BNTX shares

Note 3: Med Tech growth is the YoY growth excludes the impact from equity transfer of Yaneng Bioscience in 2021

Note 4: Healthcare Services segment revenue growth is the YoY growth excludes the impact from Guangzhou Xinshi Hospital acquisition in 2022

**Strengths and Key Growth Drivers** 

# Strengths

Industry background

Constructing internationally competitive asset structure and building organizational capabilities with forward-looking industry insights and operation experiences





#### Upgraded Innovative Pipeline & System Development - R&D Strategy

#### **Core Technology Platform**

#### Small Molecule, Antibody/ADC, RNA, Cell Therapy



Strengthened small molecule R&D capabilities



Established R&D capabilities of novel antibody including monoclonal antibody, bispecific antibody and ADC



Collaboration on mRNA and RNAi



03

Strengthening CAR-T leadership and expanding to immune cell therapy

#### **Core Therapeutic Areas**

3 strategic care therapeutic areas and other areas of interest



Oncology Immunity





Chronic Disease (liver disease, metabolism, kidney disease)

01

Building a dynamic and efficient global R&D system which is resultoriented and innovation-driven

02

#### **Core R&D System and Capabilities**

- Efficient and comprehensive "end-to-end" R&D capabilities from project management to market launch
- Clinical value-oriented drug innovation, FIC+BIC accounts for over 50% of the pipeline products
- Accelerated the R&D of competitive product with dynamic evaluation



Other areas of interest: rare disease, antiinfection, cardiovascular, etc.



# Upgraded Innovative Pipeline & System Development - Core Products

	Launched Co	ore Product	Core Product Pipeline						
	Serplulimab injection (PD-1)  MSI-H, sqNSCLC, ES-SCLC	Ejilunsai injection (CAR-T)  Third-line LBCL	NIDA	Serplulimab injection (PD-1)  ESCC	Ejilunsai injed Second-li		Etelcalcetide <i>HPT</i>		
	Rituximab injection (CD20)	Trastuzumab injection(HER2)	NDA	Trastuzumab (HER2) - U.S.  Breast Cancer	Avatrombop IT		Opicapone (COMT) Parkinson syndrome		
	Lymphoma, RA	Breast Cancer	Ph3	Serplulimab injection (PD-1) Neo-/adjuvant treatment of gastric cancer	FCN-437 ( Breast		Tenapanor (NHE3 small molecule) ESRD-HD, IBS-C		
nnovative Products	Netupitant and Palonosetron Chemo-induced nausea and vomiting	Azvudine COVID-19 Treatment	1113	RT002 (long-lasting botulinum toxin)  GL, CD	FCN-1502 (I Breast Ca		SAF-189 (ALK&ROS1) NSCLC		
	Avatrombopag Maleate CLDT	Apremilast Psoriasis	Ph2	FCN-338 (Bcl-2) Hematological malignancies; R/R BCL	FCN (MEK small Type I Ne		ET-26 Anesthesia		
	Antimalarial Series Keverprazan Hydrochlor Including Artesunate Chinese Mainland Anti-malarial Duodenal Ulcer, Reflux Esc		Other Pivotal Studies	Keverprazan Hydrochloride DU, RE	- Global		FKC-889 (CAR-T) MCL		
	mRNA COVID-19 Vaccine Hong Kong, Macau, Taiwan regions COVID-19 Prevention	Bivalent mRNA COVID-19 Vaccine Hong Kong, Macau, Taiwan regions COVID-19 Prevention		Ph3 Conjugate Vaccine Pneumococcal Disease Pre		Ph1	-Valent Pneumococcal Conjugate Vaccine ococcal Disease Prevention		
Vaccines	Human Rabies Vaccine (Vero Cells)  Rabies Prevention  Influenza Vaccine Influenza Prevention			Ph3 Freeze-dried Human Rabies (Vero Cells) Rabies Prevention			alent Influenza Vaccine Influenza Prevention		
Generics		cations were approved in ong region / the U.S. in 2022			eric drugs / indicat e: 118 generic dru				



Note: updated to March 31st 2023

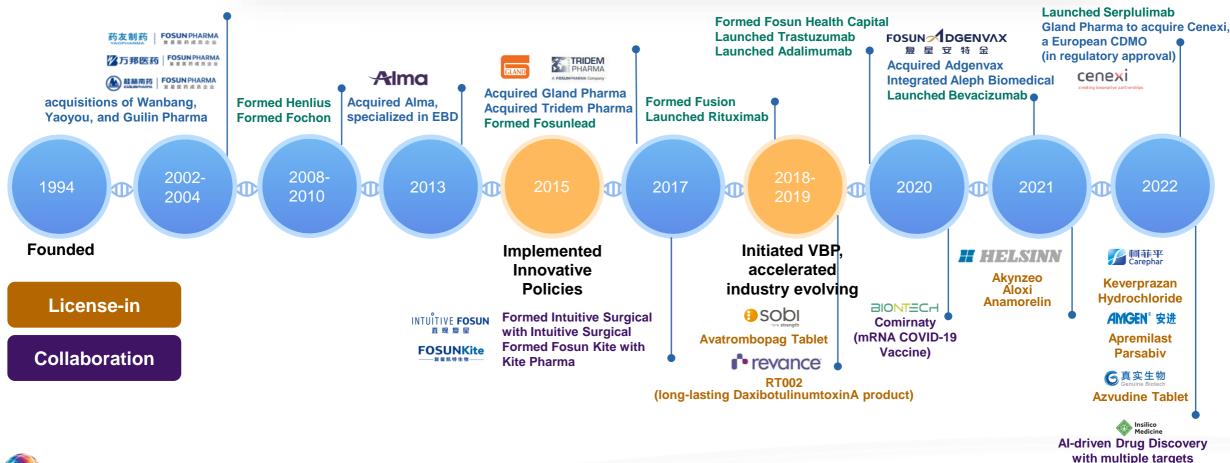
Oncology Drugs Non-onc

#### Access to Opportunities Through In-house R&D, Incubation, Strategic M&A and Collaboration

In-house R&D & Incubation

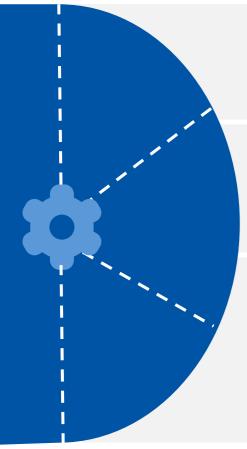
Investment & M&A

- In a constantly evolving industry, Fosun Pharma has accomplished dozens of M&A and license-in agreements by leveraging forward-looking insights
- Fosun Pharma will continuously capture development opportunities in the industry and access innovative therapeutic areas, products, and technologies to achieve sustainable organic growth





# Lean Management System



#### Integrating API and formulation manufacturing and focusing on key pipelines

- Building a regionalized manufacturing center around Xuzhou Area, vertically integrating Sino API facility with Xuzhou formulation facility to achieve intensive production capacity, covering multiple dosages and disease areas
- Chongqing facility and Changde facility have completed the first stage construction; Sino API facility and Xuzhou formulation facility have completed the tech transfer and validation for the first batch. The increased capacity will support future commercial manufacturing

#### Fosun Ecosystem/Entrepreneurship System, lean management and improvement of daily management system

- Achieved closed-loop procurement management through SRM system, promoting standardization, digitalization and intelligence business
- Improved R&D and clinical trials management, cost control and R&D team synergy by implementing an end-to-end R&D management platform based on in-house developed INNOX digital platform
- Incremental FES projects in 2022 covering quality, cost, efficiency, cycle time, R&D, etc.

#### Commercialization integration and optimization to control sales expenses and improve sales efficiency

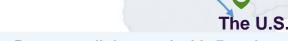
- Commercialization team matches with current product portfolio; 6,000 people in pharmaceutical commercialization team covers oncology and non-oncology areas, OBM broad market team, OTC, online channels and teams in Africa, India and the U.S.
- Strengthening effective control of sales expenses, with the growth rate of sales expenses lower than the growth rate of revenue; the sales expense ratio was 20.87% in 2022 (-2.46 pp YoY)
- Key products cost reduction and efficiency improvement, preparing for procurement and transforming marketing model

# Global Operation (1/2)

Gland Pharma to fully acquire Cenexi for up to EUR210 million and to enter into Europe-based CDMO with localized manufacturing capability



- Established 5 regional distribution hubs; the Kenya distribution hub has passed the on-site inspection of the ICRC
- Constructing the Côte d'Ivoire Industrial Park with R&D, manufacturing and distribution capabilities, localizing products manufacturing and distributing in the future
- Gland Pharma Dexrazoxane for **Injection** is approved in Chinese Mainland in February 2023; filed several other products in Chinese Mainland
- Focusing on complex injectables and expanding to biologics CDMO



Generic Drugs: collaborated with 5 major wholesalers and 16 GPOs. Rapid growth in sales of formulations

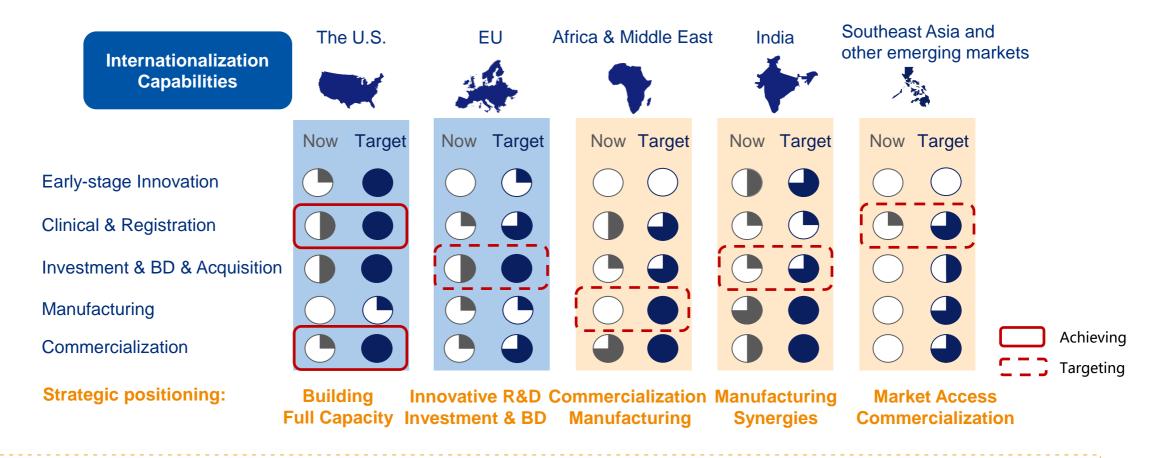
#### **Innovative Drugs:**

- 11 combination therapies with Serplulimab Injection (PD-1) are in global multi-center clinical trials; initiated head-to-head bridging study for ES-SCLC in the U.S.
- Collaborated with Syneos Health, preparing for the prelaunch of Serplulimab injection (PD-1) in the U.S.

Med Tech: Sisram North American direct sales achieved revenue of USD140 million (+28.2% YoY), accounting for approximately 40.5% of Sisram's total revenue



# Global Operation (2/2)



Leveraging global resources, quickly realizing and maximizing product value

# Corporate Governance – Sustainable Development

MSCI-ESG
Rating Upgrade

**E** nvironment



BB 2020



Upgraded **MSCI ESG rating to A** in October 2022, leading the industry

Topped in the first Fortune China ESG Impact List in August 2022

Included in the HSCASUS and HSMHSUS



#### Green growth and sustainable development

- Established EHS Committee to continuously improve EHS policies and set the 2<sup>nd</sup> EHS five-year strategic goals (2021-2026)
- Invested RMB1.15 million in special fund for water conservation in 2022, with a total annual water saving of  $337,806 m^3$ , 3.2% of the total annual water consumption

# Improvement of product accessibility and affordability, taken the interest of stakeholders into consideration

- Well-established systems for R&D, product quality management, staff training, social welfare and supply chain management
- Launched 2 orphan drugs/drugs for rare diseases, Aminohexanoic acid powder and Avatrobopag tablet; increased the accessibility of Ejilunsai injection (CAR-T) through commercial insurances and citizen insurances; in-house developed Antimalarial Series including Artesunate saved more than 56 million patients with severe malaria

# Strengthen corporate governance with ESG to achieve sustainable development

- Established ESG Committee at the Board level; the independent Anti-Corruption Supervision Department (ACSD) designed a comprehensive anti-corruption system
- Published over 10 documents related to corporate governance on the official website
- Upheld the professional, branded, digital and compliant marketing system control

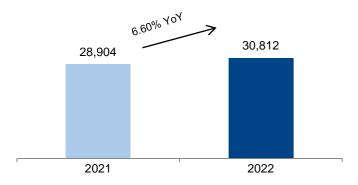


# Pharmaceutical

## Pharma - Performance

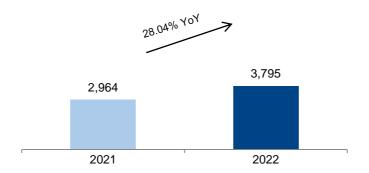
#### **Segment Revenue**

(RMB million)



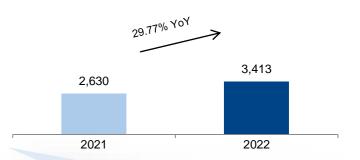
#### Segment Results<sup>1</sup>

(RMB million)



#### **Segment Profit<sup>2</sup>**

(RMB million)



Segment results and segment profit growth were mainly due to increased contribution from new launches in the past few years and improved product portfolio. The gross margin increased and the selling and distribution rate decreased.

#### **Pharma**

3 Divisions



**Specialization** 

#### **Innovative Medicines**

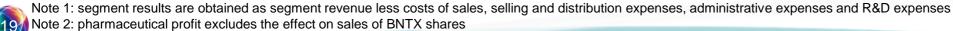
- Integrated management of innovative drug development by Global R&D Center
- Core platforms including small molecule, antibody/ADC, cell therapy and RNA

#### **Established Medicines Manufacturing & Supply**

- Continuously integrating manufacturing lines to maximize cost advantages
- Accelerating the in-house R&D of First-tomarket, First three-to-market and complex formulation to commercialize globally

#### **Vaccine**

Vaccine Division in early 2022, with R&D and manufacturing capabilities in multivalent conjugate technology, insect cells with recombinant baculovirus technology and inactivated technology



# Pharma - Core Product Revenue in Different Therapeutic Areas

# **Anti-tumor and Immune Modulation**

RMB5,522 million 26%\* (+39.44% YoY)

Revenue increase from Trastuzumab Injection (HER2), Avatrombopagmaleate Tablets, Adalimumab injection and from new launches in the past few years including Serplulimab Injection (PD-1) and Netupitant-Palonosetron

#### **Anti-infection**

RMB8,582 million 40%\* (-0.45% YoY)

Mainly due to the combined effect of the decrease in the sales volume of Comirnaty (mRNA COVID-19 vaccine) and Micafungin, the revenue contribution from new products Azvudine tablets, Cravit (levofloxacin tablets and levofloxacin injection)

# Metabolism and Alimentary System

RMB2,883 million (-0.24% YoY)

Mainly due to the impact of the execution of centralized procurement for Thioctic acid injection and Glutathione for injection

#### **Cardiovascular System**

RMB2,115 million 10%\* (+6.12% YoY)

Mainly due to the increase in the sales volume of heparin series preparations

#### **Central Nervous System**

RMB1,003 million 5%\* (-11.79% YoY)

Mainly due to the decline in sales volume of deproteinised calf blood serum injection

# APIs and Intermediate Products

RMB1,248 million 6%\* (+9.96% YoY)

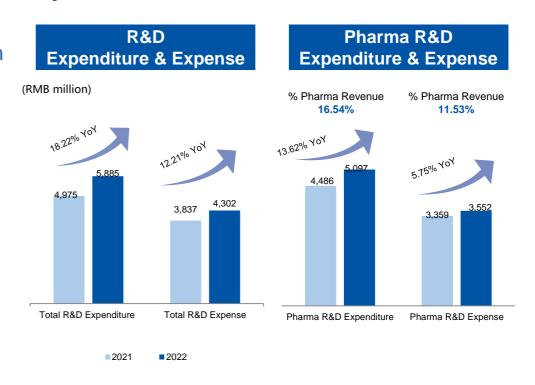
Mainly due to the increase in the sales volume of amino acid series



# Pharma - R&D Expenditure

#### **R&D** expenditure drives product portfolio optimization

- Phama R&D expenditure was RMB5,097 million (+13.62% YoY) in 2022, accounts for over 85% of the total R&D expenditure and 16.47% of the pharma revenue; Pharma R&D expense was RMB3,552 million, accounts for 11.53% of the pharma revenue
- new launches in the past few years including Serplulimab injection (PD-1), Trastuzumab injection (HER2), Avatrombopag tablets and Azvudine tablets accounts for over 30% of the pharma revenue, optimizing product portfolio
- Over 260 pipeline drugs in innovative drugs, biosimilars, generic drugs, consistency evaluation items, etc.; received 249 applied pharma patents, including 16 U.S. patent applications, 17 PCT applications and 48 licensed invention patents in 2022



# Pharma Key Progress - Serplulimab Injection

# The first PD-1 inhibitor approved for first-line treatment of SCLC



RMB 340 million

2022 Revenue (Launched for 9 months)



Target: PD-1

**Approved Indications** in Chinese Mainland:

- MSI-H
- sqNSCLC
- ES-SCLC

#### **Overseas Progress**

- SCLC is granted with Orphan-drug Designation from FDA and EC
- Initiated ES-SCLC head-to-head bridging in the U.S.



#### **Outstanding Results**

- Serplulimab + chemo (ES-SCLC) randomized, double-blind, median progression, global multi-center Phase 3 clinical data: Median OS 15.4 months, vs 10.9 month with placebo; 2 year OS rate 43.1%, vs 7.9% with placebo
- The clinical data have been published in world's top medical journals including The Journal of the American Medical Association (JAMA), Nature Medicine and British Journal of Cancer





# **Quick Market Access and Accelerated Market Penetration**

- Completed tenders on procurement platforms in 27 provinces;
   covered 30% of the top 110 hospitals
- Commercialization team of about 400 people with experience in oncology drugs market
- Established efficient distribution network; maximized accessibility by leveraging DTP pharmacies and infusion centers



# Pharma Key Progress – In-house R&D Vaccine Platform

Established Vaccine Subdivision in early 2022, with multivalent conjugate technology, insect cells with recombinant baculovirus technology and inactivated technology, to R&D and manufacture vaccines

#### **Multivalent Conjugate Vaccine**

#### **Key progress**

- Initiated phase 3 clinical trial for 13-Valent Pneumococcal Conjugate Vaccine\* in November 2022
- Fosun Adgenvax received Drug Manufacturing License from Sichuan Medical Products
   Administration in January 2023, laying the foundation for commercial manufacturing of vaccines
   under development



Received National Intellectual Property Rights



Structural Design Advantages



**Cost and Safety Advantages** 

 Meat-free medium for carrier protein to reduce manufacturing cost and period

- The only multivalent combination technology with national patent and independent intellectual property rights
- 13-Valent Pneumococcal Conjugate Vaccine is the only pneumonia vaccine listed as a national major project

 Stable antigen structure, rapid immune response, earlier protection, complex antigen structure to enhance immunogenicity and reduce interference with different types of antigen immune response





#### **Inactivated Technology**

- Launched Human Rabies Vaccine (Vero Cells) and Influenza Vaccine
- Nearly 20 years experiences in stable commercial manufacturing; innovative technology center for inactivated vaccines in Liaoning Province

# Insect Cells with Recombinant Baculovirus Technology

 First approved Hi5 insect cell line without nodavirus and SF9 insect cell line without rhabdoviruses in Chinese Mainland

**40+** R&D Employees



**28** Patents



# Pharma - Global Commercialization System

**Pharma Segment Commercialization Team** 

# **Domestic Team Overseas Team** Oncology **Innovative Drug** Non-oncology **Innovative Drug OBM Broad Market Team New Retail Team for OTC Anti-virus**

**Africa** 

India

**Other Markets** 

The U.S. and

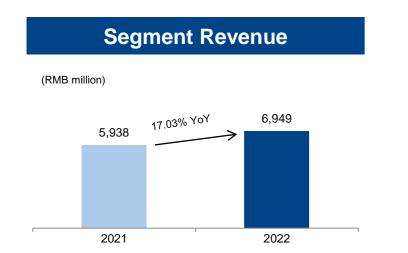
- Collaborated with Syneos Health, preparing for the prelaunch of Serplulimab injection (PD-1) in the U.S.
- Building innovative drug team in the U.S., covering medical affairs, market access, sales and other functions

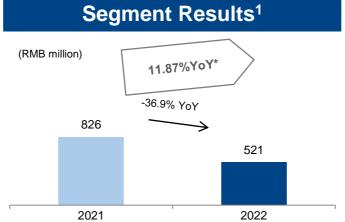
#### **2022 Main Progress**

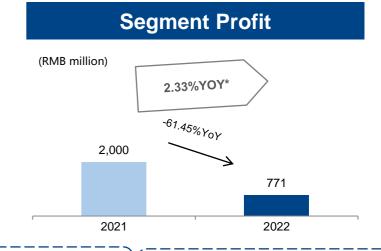
Revenue	#	Formulation or Series
>RMB1,000 million	5	<ul> <li>mRNA COVID-19 vaccine</li> <li>Trastuzumab injection(HER2)</li> <li>Rituximab injection (CD20)</li> <li>Azvudine</li> <li>Heparin series preparations</li> </ul>
RMB500-1,000 million	3	<ul><li>Avatrombopag Maleate</li><li>Antimalarial series</li><li>Febuxostat tablets</li></ul>
RMB300-500 million	8	<ul> <li>8 products including</li> <li>Serplulimab injection (PD-1)</li> <li>Glutathione tablets</li> <li>Non-freeze dried human rabies vaccine (VERO cell)</li> <li>Quetiapine fumarate tablets</li> <li>New compound aloe capsules</li> </ul>
RMB100-300 million	31	<ul> <li>31 products including</li> <li>Adalimumab injection (TNF-α)</li> <li>Escitalopram oxalate tablets</li> <li>Alfacalcidol tablets</li> <li>Pitavastatin calcium tablets</li> </ul>



# Med Tech - Performance







#### Medical Devices

#### **Aesthetic Field**

 As the core medical aesthetic platform, Sisram's business covers energy based medical aesthetic devices, injectables, home use devices, aesthetic dentistry



Hamphy The



Skin firming &



Profhilo
Injectable hyaluronic
acid treatment

#### **Respiratory Care**

Exploiting
home/hospital
used respiratory
devices market
through Breas



Z1 CPAP machines



# Professional Medical Device & Consumables

 Including Da Vinci surgical robotic system, negative pressure ambulances, portable CT, etc.



Da Vinci Surgical System

# Fosun Diagnosis

- Actively integrating the operation; business covering immunodiagnosis, biochemical diagnosis, microbial diagnosis, molecular diagnosis, POCT, etc.
- Improving R&D and manufacturing capabilities of diagnostic API, reagents and instruments to provide comprehensive solutions to clients



F-C800p Automatic
Biochemical Analyzer



F-i3000 Automated Chemiluminescence Immunoassay Analyzer



Molecular POCT

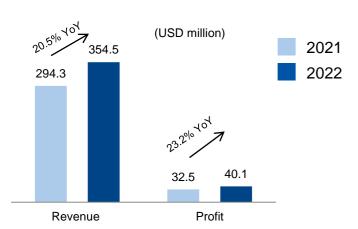
# Medical Devices - Sisram Medical

Establishing global Wellness Ecosystem based on energy-based devices and extending to injectables, aesthetic dentistry and personal care

#### **2022 Main Progress**

- 3 new launches: 1) an Ultrasound-based system Alma Ted<sup>™</sup> to prevent hair loss; 2) CBD+Professional Skincare Solution<sup>™</sup>, which combines the scientific benefits of full-spectrum CBD, shown to visibly reduce redness and calm the appearance of stressed skin; 3) home use device LMNT one<sup>™</sup>
- Strengthened global direct sales teams and built new direct sales teams in the UK and Dubai. Direct sales revenue accounts for 66% of the total revenue in 2022, compared to 62% in 2021

#### **Financial Performance**



#### 2022 new launches



# Alma

#### **Energy-based Devices**

The world's leading supplier of energy-based aesthetic medical devices

Launched innovative products including Soprano, ThermoLift, Harmony, BeautiFill by LipoLife etc

B<sub>2</sub>B<sub>2</sub>C

#### Injectables

#### **Expansion through collaboration**

- Products including hyaluronic acid moisturizing product Profhilo and the first long lasting DaxibotulinumtoxinA product RT002
- Invested in new technologies including silk fibroin-sodium hyaluronate products, fat removal product JS-001 etc.

B<sub>2</sub>B<sub>2</sub>C

#### LMNT.

#### **Personal Care**

#### New brand for personal care

New brand LMNT for home use devices

Launched the first home use device LMNT one

B2C, DTC



#### **Aesthetic Dentistry**

- Integrated Fosun resources with the acquisition of Foshion (the dental brand) in July 2021
- Building the new global digital dentistry brand, copulla

B<sub>2</sub>B



# Medical Devices - Intuitive Fosun

#### **Localization Process**

Announced to form a JV with Intuitive Surgical in China in 2016 based on the long-term partnership and established Intuitive Fosun in Shanghai in 2017

Marketing the 4th generation Da Vinci XI Surgical System

Da Vinci Surgical System test drives in more than 10 cities across China, with more than 800 doctors from nearly 200 hospitals participated in the experience

**Da Vinci Innovation Center** opened with 1,700 m<sup>2</sup> of space to provide high-quality hands-on precision medicine training to approximately 4,000 doctors per year

Building da Vinci Surgical Manufacturing R&D Center in Shanghai, covering about 31.2 acres

Localization in technology, manufacturing and services

Made in China
Joint R&D
Global Commercialization

#### **Main Products**

#### **Da Vinci Surgical System**



- 55 da Vinci Surgical Systems were installed in China in 2022. By the end of 2022, over 300 Systems were installed in Chinese Mainland, Hong Kong and Macau regions and completed more than 100,000 surgeries within 2022
- As of June 30<sup>th</sup> 2022, 7,544 systems were installed worldwide, with more than 55,000 doctors trained to use the system, and performed over 10 million surgeries.

#### Ion Endoluminal System

- The robotic-assisted bronchoscopy platform, lon, was approved by FDA in 2019
- The lon guided lung nodule biopsy clinical feasibility trial completed enrollment at Shanghai Chest Hospital in October 2021. It is the first clinical trial using lon outside the United States

2021

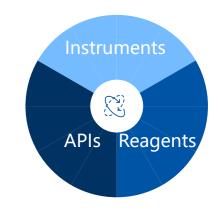
2022

**Future** 

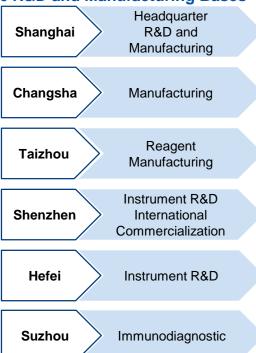
# Medical Diagnosis - Core Products

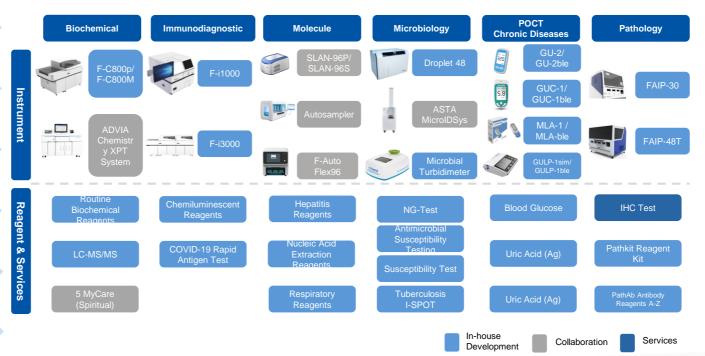
#### **Medical Diagnosis 2022 Major Progress**

- Promoting the integration of medical diagnosis segment, constructing 6 R&D and manufacturing bases; R&D personnel account for more than 15% of the total number of Medical Diagnosis employees
- F-C800p Automatic Biochemical Analyzer launched in June 2022, together with the F-i3000 Automated Chemiluminescence Immunoassay Analyzer, formed Fosun Diagnostics biochemical immunoassay pipeline to meet the clinical diagnostic testing needs
- Self-developed COVID-19 Rapid Antigen Test was approved by NMPA in April 2022. It has received EU CE certification and has been included in the EU Common list of COVID-19 antigen tests and completed BfArM registration in Germany
- Self-developed Monkeypox PCR Detection Kit received EU CE certification in May 2022



#### 6 R&D and Manufacturing Bases





Strengthening R&D and manufacturing capabilities of diagnostic APIs, reagents and instruments

**Integrating business** 

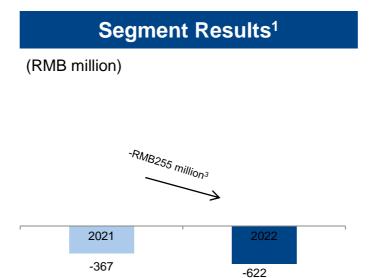
Consolidating product portfolio

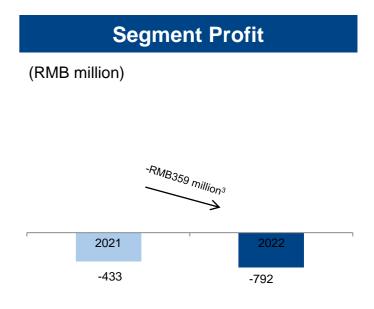


**Healthcare Services** 

# Healthcare Service - Performance

# (RMB million) 33.56% YOY 4,118 2021 2022







# **Investment 2011-2017**

- Built offline healthcare network
- Gained experience in high-end healthcare
- Launched online healthcare services
- Developed regional medical centers



# **Operation 2018-2020**

- Created advantageous specialty areas
- Online and offline strategic synergy
- Developed high-end aesthetic medical business
- Constructing specialties for health and wellness



# Strategic Upgrade 2021-Present

- Integrating resources to build Internet healthcare ecosystem
- Consolidating the leading position as non-public healthcare provider
- Building intelligent Cloud Healthcare
- Building healthcare ecosystem

Note 1: Segment results are obtained as segment revenue less costs of sales, selling and distribution expenses, administrative expenses and R&D expenses

Note 2: the revenue growth was mainly due to the growth of online business and the recovery of offline hospitals revenue. Segment revenue increased 33.56% YoY, excluding the impact of acquiring Guangzhou Xinshi Hospital



Note 3: the decrease of segment results and segment profit was mainly due to the investment in online business, periodic decrease in diagnosis and treatment volume of hospitals and initial loss of newly opened hospitals

# Healthcare Services - Offline Services

#### **Highlights**



#### **Covered Region**

- Focus on the Yangtze River
   Delta, the Greater Bay Area and other regions; connecting medical centers with regional medical associations; integrating hospital resources
- 6,333 beds<sup>1</sup> in hospitals controlled by the Group by the end of 2022



#### Competitiveness

- Foshan Chancheng Hospital received JCI certification and ranked the TOP1 non-public hospital in China for 5 consecutive years<sup>2</sup>
- Shenzhen Hengsheng Hospital was granted JVF license

#### **Major Hospitals**

#### **Pearl River Delta**

Regional flagship hospitals include Foshan Chancheng, Shenzhen Hengsheng, etc.





- Class III General Hospital with 1,750 beds
- Realized revenue of RMB2,145 million, and profit of RMB111 million in 2022
- Fosun Pharma currently holds 86.47% of the share



- Class III General Hospital with 600 beds
- Acquired 60% stake of Shenzhen Hengsheng Hospital for RMB909 million in November 2017



- Class III General Hospital with 800 beds and over 900 doctors and employees
- Acquired 70% stake of Guangdong Xinshi Hospital in January 2022

#### **Other Strategic Region**

















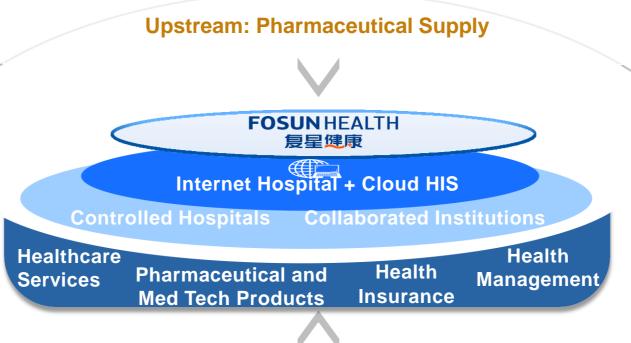
# Healthcare Services – Integrating Online and Offline Services

- Integrated online and offline healthcare services from 2021, has received 10 internet hospital licenses as for now
- Building online medical service platform to provide healthcare services, pharmaceutical and med tech e-commerce, health insurance service and health management services

Accelerating online and offline services integration **Building a one-stop healthcare management FHMO** 

#### **Online Platform**

- Supply Chain: medicine, vaccine, rehab products
- Consultation: specialized doctors
- Integrated with Offline Platform: testing, accompanied consultation
- Content: authority, timeliness

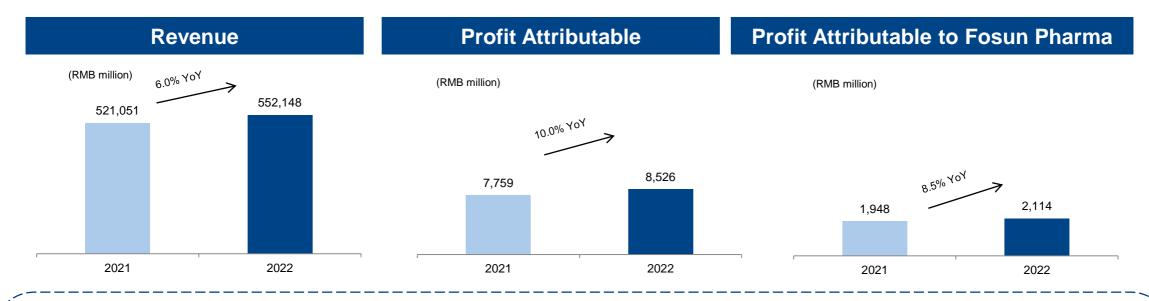


#### **Offline Medical Institutions**

- Integrated supply chain
- Integrated with Online Platform: gathering specialists
- Iteration of testing/rehab products
- Network of Medical institutions in Tier 1&2 cities

**Downstream: Insurance Payment** 

# Sinopharm Performance



- Actively complied with the industry transformation trend, strengthened service capability of distribution network, and ensured the steady
  growth of key regions and markets while continuously improving the coverage and penetration ratio of business network. The 2022 revenue
  from the pharmaceutical distribution segment reached RMB406.60 billion (+4.27% YoY)
- Fully utilized advantages of "covering the whole country" logistics network, actively expanded derivative services while safeguarding personal protective products for COVID-19, and further enhanced the market share. The 2022 revenue from the medical device segment amounted to RMB120.85 billion (+11.77% YoY)
- Actively responded to the national strategy, undertook the new transformation and demand of separation of medical services and
  pharmaceutical sales, increased the allocation of resources, and made great efforts to promote the balanced development of professional
  pharmacies and traditional pharmacies. The 2022 revenue from retail pharmacy business reached RMB33.0 billion (+13.49% YoY)





# Large Molecules Pipeline (1/2)

Therapeu tic Area	Pro	oduct	Target/MOA	Indication	Pre-Clinical	IND	Phase 1	Phase 2	Phase 3	NDA
				Squamous non-small cell lung cancer 1L	Global multi-center clinic	al trial Ph3, appr	oved in Chinese Main	land in November 20	22	
				Extensive-stage small cell lung cancer 1L	First U.S. bridging study Approved in Chinese Ma			2022; granted Orpha	n-drug Designation by	FDA and EC;
		+Chemo	PD-1	Metastatic esophageal squamous-cell carcinoma 1L	Approved in Orinicae Me	imana m oanaarj	2020			
				Limited-stage small cell lung cancer	Global multi-center clinical trial Ph3; first subject had been dosed in the U.S. in January 2023 first subject had been dosed in Chinese Mainland in May 2022					
	HLX10 <sup>1</sup>			Neo-/adjuvant treatment of gastric cancer	mot subject had been d	osca in Onnicse i	viaimana iii way 2022			
	(Serplulimab)	+Bevacizumab	PD-1+VEGF	Non-squamous non-small cell lung cancer 1L						
				Hepatocellular carcinoma 1L					•	
.nti-tumor				Metastatic colorectal cancer 1L						
		+HLX07	PD-1+EGFR	Squamous-cell carcinoma of the head and neck 2L					•	
				Squamous non-small cell lung cancer 1L	First subject had been d	osed in January 2	2022			
	HLX04-O <sup>2</sup>	ESSEX 1ZF	VEGF	Wet age-related macular degeneration	Global multi-center clinic				uary 2022;	
	HLX22	+Trastuzumab	HER2+HER 2	Gastric cancer	Initiated Ph2 clinical tria	,			•	
	HLX07 EGF		EGFR	Solid tumors (non-small cell lung cancer, esophageal carcinoma, etc.)	Approved clinical trials I	by FDA				
	HLX11 (Pertu	uzumab) ³	NON HER2	Breast cancer	Global multi-center clinic	cal trial Ph3; first	subject had been dos	ed in Chinese Mainla	nd in 2022	
	HLX05 (Cetuximab) <sup>4</sup> <b>jingze</b> EG			Metastatic colorectal cancer and squamous-cell carcinoma of the head and neck						

- Note 1: granted KG Bio to develop and commercialize HLX10 in 10 countries in Southeast Asia
- Note 2: granted ESSEX an exclusive license to develop, manufacture, and commercialize HLX04 in human ophthalmic therapeutic use
- Note 3: granted Organon exclusive global commercialization rights except for China
- Note 4: granted Jingze Biotech to commercialize HLX05 in China
- Note 5: last update on 28th February 2023



# Large Molecules Pipeline (2/2)

Therapeutic Area	Product	Target/MOA	Indication	Pre- Clinical	IND	Phase 1	Phase 2	Phase 3	NDA
			HER2-positive advanced malignant solid tumor					•	
	FS-1502	HER2	HER2-positive locally advanced or metastatic breast cancer				-		
	FS-1502+Serplulimab	HER2+PD-1	Advanced gastric cancer with HER2 expression					•	
	HLX14 (Denosumab) <sup>1</sup> *ORGA	NON RANKL	Osteoporosis	Initiated Ph3 clinica	al trial in Chinese I	Mainland in June 2022	2: approved to enter	Ph3 clinical trial by 1	GA in July 2022
Anti-tumor	HLX26	LAG-3	Solid tumors and lymphomas	Illitiated F113 cililica	ar triar iii Oriiiiese i	viairilariu iii Jurie 2022		T 113 Cill lical trial by	OA III July 2022
	HLX35 <sup>2</sup> <b>VBINACEA</b>	EGFR×4-1BB	Solid tumors	Approved to optor	olinical trials by NII	MPA in January 2022;	first subject had be	on doord in Chinaga	Mainland in June 2
	HLX301	PD-L1×TIGIT	Solid tumors	First subject had be	een dosed in Aust	ralia in February 2022, MPA in March 2022; fi	),		
	HLX15 (Daratumumab)	CD38	Multiple myeloma			ese Mainland in Febru			,
	HLX13 (Ipilimumab)	CTLA-4	Melanoma, renal cell carcinoma and metastatic colorectal cancer	Thist subject had b	een dosed in Chin		dary 2023		
Blood system	Recombinant Human Erythropoietin Injection (pre-filled syringe)	EPO	Anemia of renal disease						
	Recombinant Insulin Glargine Injection	INSR	Diabetes						
Metabolism and Digestive System	Mixed Protamine Zinc Recombinant Insulin Lispro Injection (50R)	INSR	Diabetes						
	Liraglutide Injection	GLP-1	Diabetes						
Others	RT002	Bio 1	Moderate to severe glabellar lines in adults (GL)						
Otileis	111002	Bio 1	Cervical dystonia (CD)	Completed the enre	ollment of subjects	in Chinese Mainland	in January 2022		

Note 1: granted Organon exclusive global commercialization rights except for China

Note 3: last update on 28th February 2023

Note 2: granted Binacea to research, develop, manufacture and commercialize the HLX35 globally except for China (including Hong Kong, Macau and Taiwan region)



# Small Molecules Pipeline (1/2)

Therapeutic Area	Project	Target/MO A	Indication	Pre-Clinical	IND	Phase 1	Phase 2	Phase 3	NDA		
	FCN-437c	CDK4/6	Breast cancer (1L)	Approved to enter Ph3 clinical trial by NMPA in January 2022; Ph1 clinical trial in the U.S.							
		CDK4/6	Breast cancer (2L)	Approved to enter Ph3 c	linical trial by NMPA	in January 2022; appro	ved to enter clinical trial	s by FDA			
	CAE 400	ALK	Non-small cell lung cancer	-small cell lung cancer  Initiated Ph3 clinical trial in Chinese Mainland in January 2022; Ph1 clinical trial in the U.S.							
	SAF-189	ROS1	Non-small cell lung cancer	Approved to enter clinical trials by FDA							
	HLX-208	BRAF V600E	Solid tumors (metastatic colorectal cancer, non- small cell lung cancer, etc.) LCH and ECD5	Approved to enter Ph1b/Ph2 clinical trials by NMPA in January 2022							
	FCN-159	MEK	Neurofibromatosis type 1 Global multi-center clinical trial								
Anti-tumor			Low-grade glioma								
Anti-tumor			Malignant melanoma				•				
			Arteriovenous malformation	Approved to enter clinical	I trials by NMPA in N	May 2022					
			Histiocytic tumor	Approved to enter clinica	I trials by NMPA in N	May 2022					
	YP01001	VEGFR	Advanced solid tumor								
	FCN-338	BCL-2	Hematological malignancies	Approved to enter Ph1 c	linical trial in the U.S	i.					
	FCN-330		Relapsed or refractory B-cell lymphoma								
	FH-2001	FGFR/PD- L1	Advanced malignant solid tumors								

Note: last update on 28th February 2023

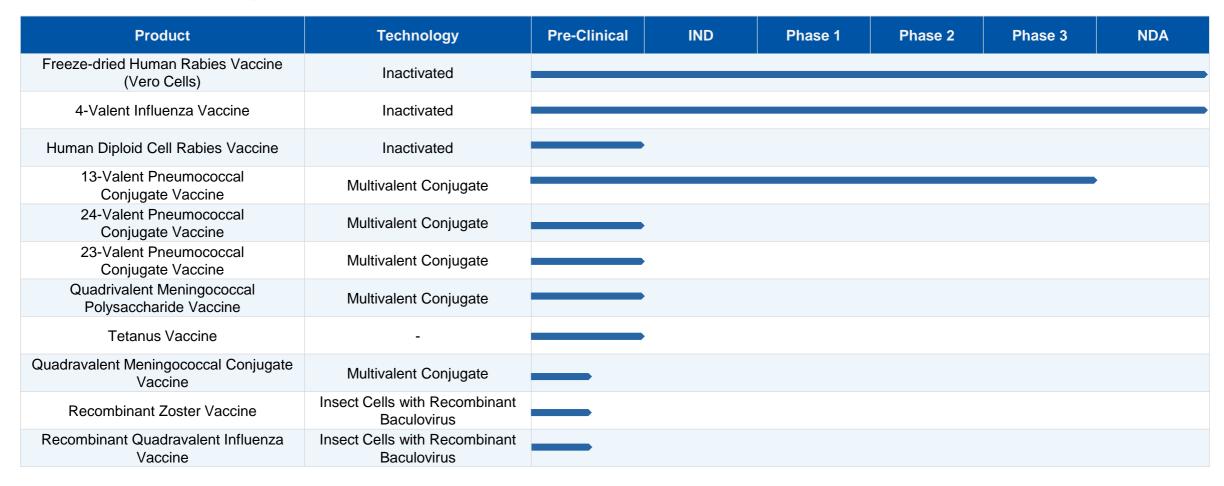


# Small Molecules Pipeline (2/2)

Therapeutic Area	Project	Target/MOA	Indication	Pre-Clinical	IND	Phase 1	Phase 2	Phase 3	NDA	
	Avatrombopag Tablet TPO-R		Chronic idiopathic thrombocytopenic purpura	NDA was accepted by NMPA in December 2022						
Metabolism and Digestive System	Tenapanor Tablet	NHE 3	End-stage Renal Disease – Hemodialysis							
Metabolism and Digestive	Ferric Pyrophosphate Citrate	-	Iron replacement for HD patients							
	Tenapanor Tablet	NHE 3	E 3 Irritable Bowel Syndrome with Constipation  Ph1 clinical trial in Chinese Mainland; NDA in Hong Kong and Macau regions							
	FCN-342	URAT1	Gout							
	Molnupiravir	RNA polymerase	Treatment of COVID-19							
	Paxlovid	3CL Protease	Treatment of COVID-19							
D:	mRNA COVID-19 BNT162b2 & bivalent vaccine	-	Immunization to prevent COVID-19	Administrated in Hong	g Kong, Macau and	Taiwan regions		•		
	PA-824	-	XDR – Tuberculosis MDR – Tuberculosis	Launched Pretomanic	I in the U.S.*					
Nervous System	Opicapone Tablet	COMT	Parkinson's syndromes	Launched Ongentys i	n Europe*					
Others	Fortacin spray (Lidocaine Prilocaine spray)	-	Premature ejaculation	Launched in Europe*						
	ET-26	-	Anesthesia	Approved to enter Ph	2 clinical trial by NM	1PA in July 2022				

Note: last update on 28th February 2023

# Vaccine Pipeline



Note: last update on 28th February 2023



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