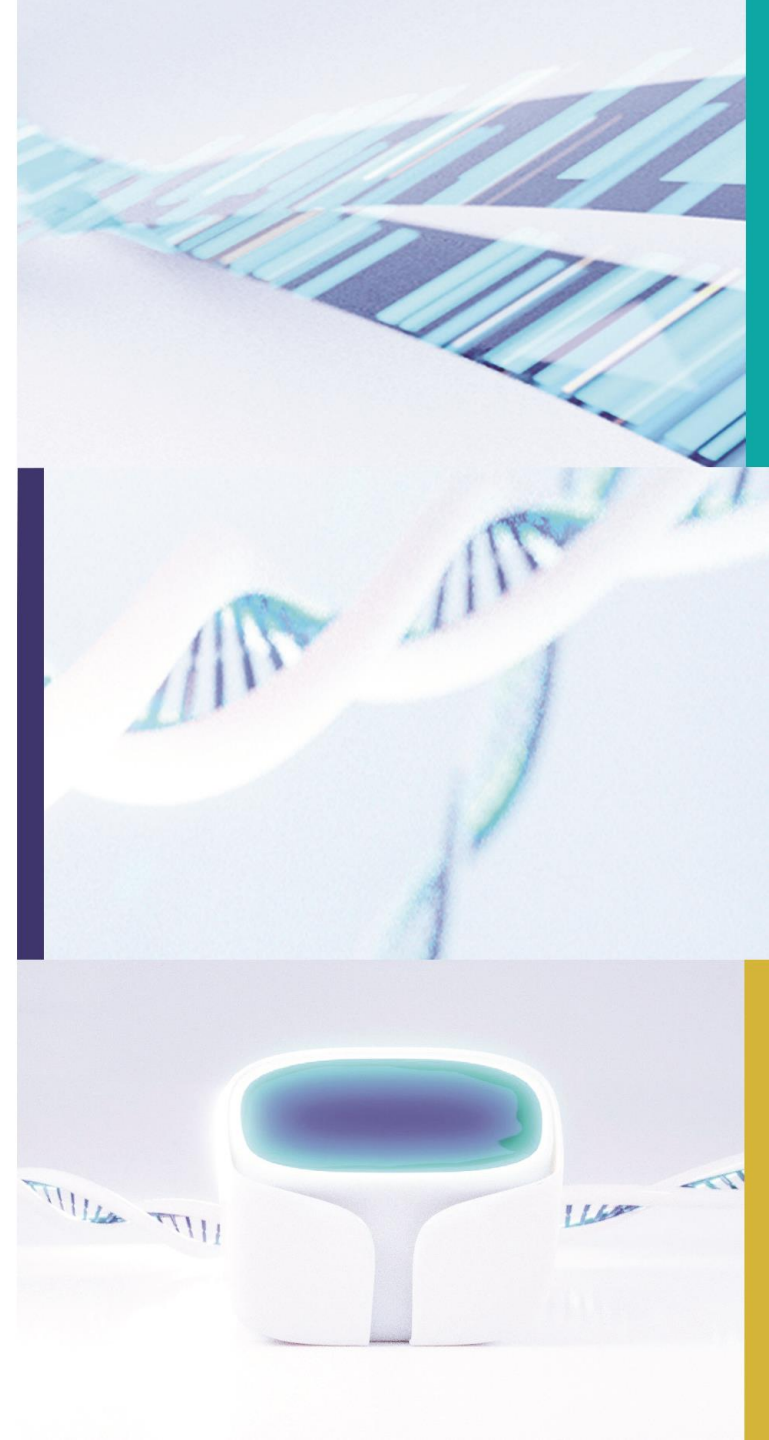


CORPORATE PRESENTATION

February 2022



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This document contains certain statements that constitute forward-looking statements within the meaning of Section 27A of the Securities Act of 1953, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended, with respect to the Company’s future financial or business performance, strategies or expectations. These statements typically contain words such as “believe,” “may,” “will,” “could,” “expects” and “anticipates” and words of similar import. Any statement in this document that is not a statement of historical fact is a forward-looking statement and involves known and unknown risks, uncertainties and other factors which may cause the Company’s actual results, performance or achievements to be materially different from any future results, performances or achievements expressed or implied by such forward-looking statements. There can be no assurance that the results and events contemplated by the forward looking statements contained herein will in fact occur. None of the future projections, expectations, estimates or prospects in this document should be taken as forecasts or promises nor should they be taken as implying any indication, assurance or guarantee that the assumptions on which such future projections, expectations, estimates or prospects have been prepared are correct or exhaustive or, in the case of assumptions, fully stated in the document. The Company also cautions that forward-looking statements are subject to numerous assumptions, risks and uncertainties, which change over time and which may be beyond the Company’s control. The Company assumes no duty to and does not undertake to update any forward-looking statements to reflect actual results, changes in assumptions or changes in factors affecting these statements. Factors that may materially affect our results and those risks listed in filings with the Securities and Exchange Commission.

This document also contains non-IFRS financial measures, the presentation of which is not intended to be considered in isolation or as a substitute for the financial information prepared and presented in accordance with International Financial Reporting Standards. In addition, the Company’s calculation of these non-IFRS financial measures may be different from the calculation used by other companies, and therefore comparability may be limited. The reconciliation of those measures to the most comparable IFRS measures is contained within this document or available at our website <http://ir.genetronhealth.com>.

This document speaks as of February 11, 2022. Neither the delivery of this document nor any further discussions of the Company with any of the recipients shall, under any circumstances, create any implication that there has been no change in the affairs of the Company since that date.

1

Company Overview

2

Market Overview

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Diagnosis & Monitoring

4

Proprietary Tech Differentiates Our Products

5

Biopharma Services – CDx development

6

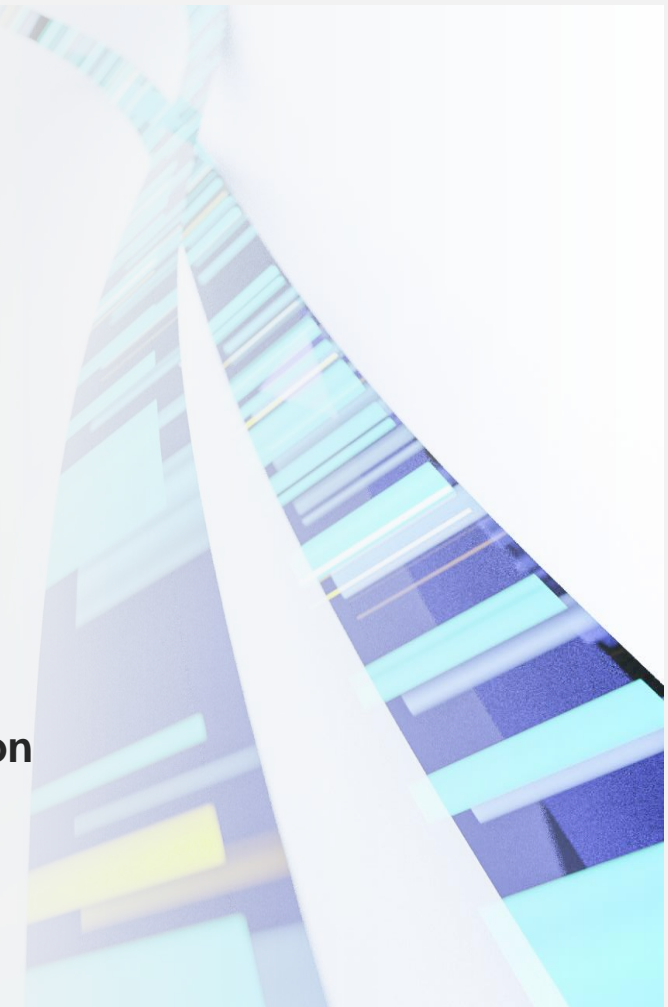
Early Screening: R&D, Progress, Strategy and Commercialization

7

MRD New Product Line; Future Strategies and Growth Drivers

8

Financial Overview



Mission

Transform full-cycle cancer management globally
by driving technological innovation and
accelerating the adoption of precision medicine






———— GENETRON 泛生子 ————



GENETRON 泛生子

ANSWERS FOR CANCER

Company Overview

Diagnosis & Monitoring (TAM)		Early Screening (TAM)
LDT + IVD	Biopharma Services	
<p>Diagnosis: \$6.7B¹ MRD: \$14B²</p>	<p>Biotech Industry: \$0.5B¹</p>	<p>Liver cancer: \$7.2B¹ CRC cancer: \$23.0B¹ Lung cancer: \$5.8B¹</p>
<p>LDT – Top player covering 500+ hospitals</p> <p>IVD – 7 products approved; S5+Lung 8 NGS solution</p> <p>MRD partnerships in blood and solid tumors</p> <p> </p>	<p>High growth Chinese biotech industry</p> <p>#1 Ranking: 47 total biopharma partners</p> <p>CDx partnerships are growing as NMPA increases focus on genomic testing for innovative drugs</p> <p>  </p>	<p>HCCscreen™ –</p> <ul style="list-style-type: none"> FDA breakthrough device designation (NGS) Leading prospective data Commercialization roadmap <p>HCCscan™ –</p> <ul style="list-style-type: none"> PCR-based assay expands market opportunity leveraging existing customer capabilities <p>Multi-cancer development with innovative technology in liquid biopsy</p>

**Three Proprietary Technology Platforms as foundation:
One-step Seq, Mutation Capsules, FusionScan**

1. Frost & Sullivan, Market potential in China as of 2023
2. Euromonitor, Globalcan, Company internal estimates market potential



Sizhen Wang
MBA
CEO and Director



Hai Yan
M.D./Ph.D.
CSO and Director



Yuchen Jiao
M.D./Ph.D.
CTO

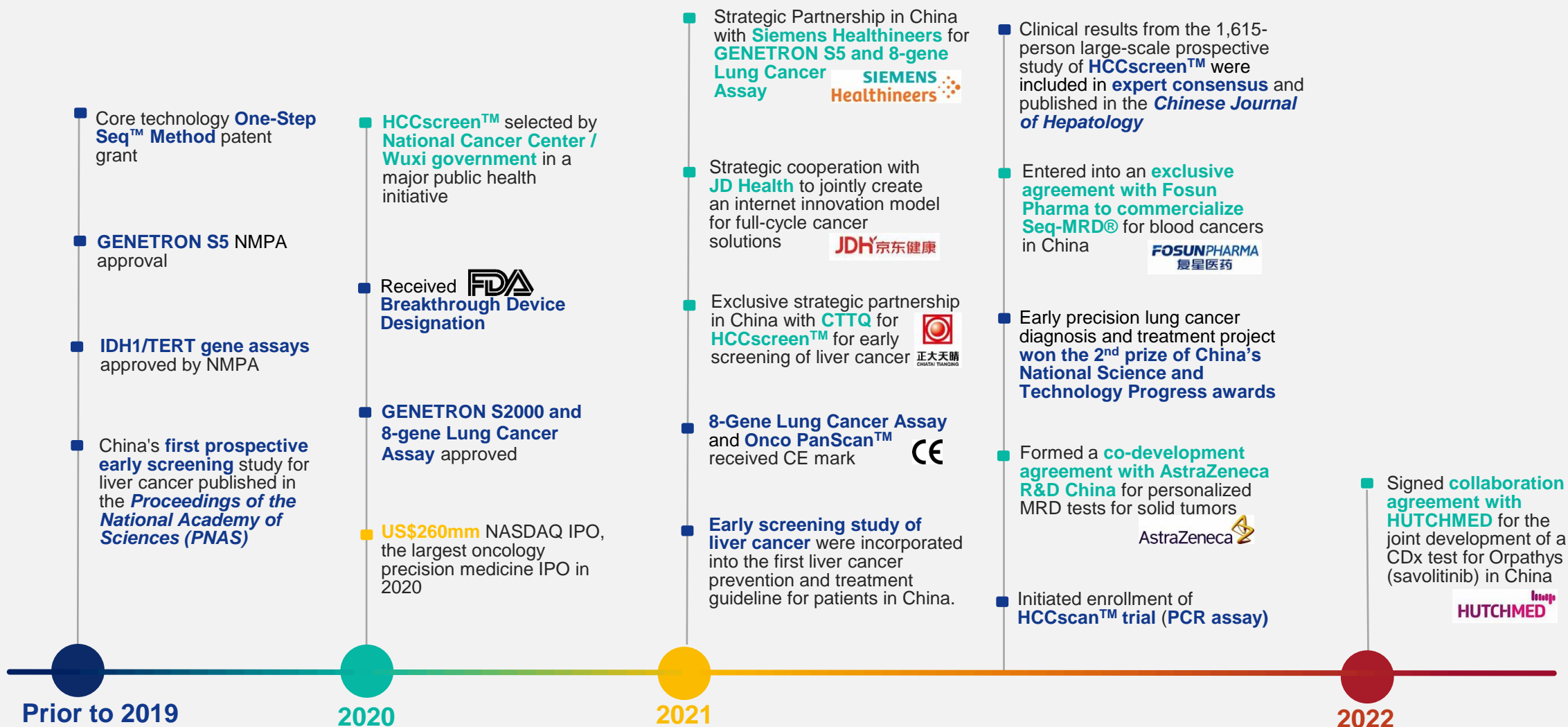


Evan Xu
CFO



Yunfu Hu
Ph.D.
CMO







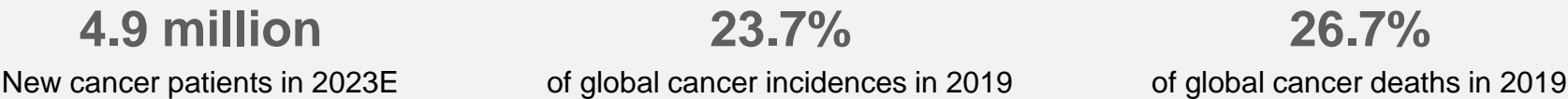
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ANSWERS FOR CANCER

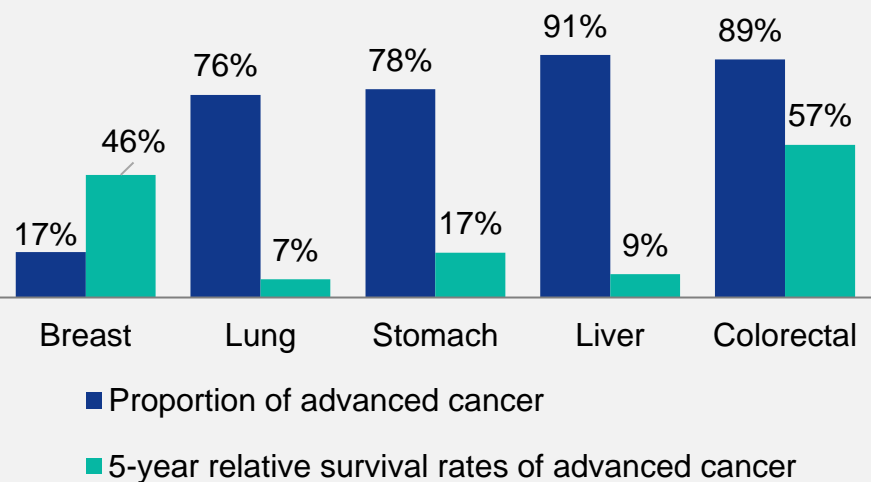
Market Overview



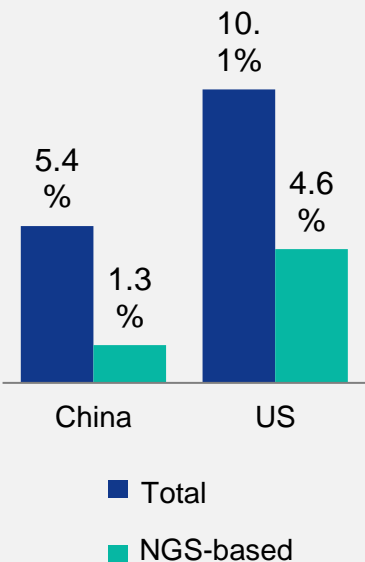
China has the Largest Number of Cancer Patients Globally



Mostly late stage diagnosis



Cancer molecular profiling penetration rate



Source: Frost & Sullivan

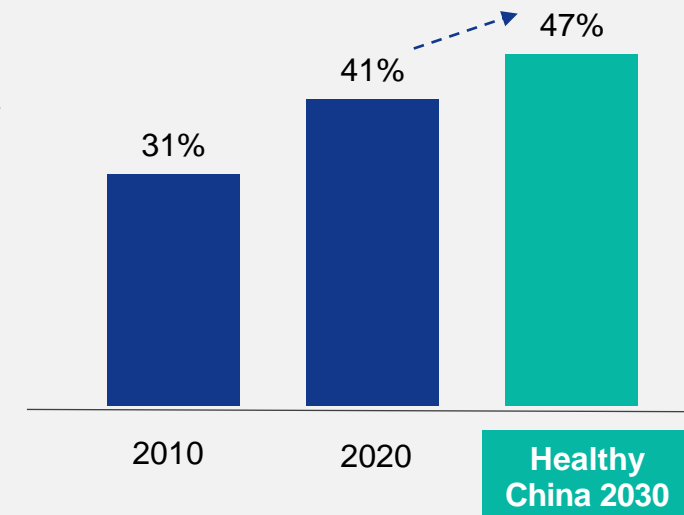


Historical Opportunity of Precision Oncology in China: Supportive Policies

- Precision medicine is listed as a **strategic emerging industry in the 13th Five-Year Plan**
- By 2030, the State will invest more than **RMB60bn** in precision medicine, including **RMB20bn from the central government**¹
- **State Council policy briefing** targeted to focus on liver cancer and lung cancer and **optimize the early screening program**
- After the COVID-19 outbreak in 2020, the State requires hospitals at the county level and above to establish capability for nucleic acid (molecular) testing², which **further expands the market**
- Newly released **Regulations on Supervision and Administration of Medical Devices** provide guidance on disciplined and healthy development of laboratory developed test (LDT)
- Gene methylation testing is included in **Beijing's Class A Medical Insurance and Class A Work Injury Insurance projects**

Healthy China 2030:

Cancer patients 5-year survival rate will increase to 46.6% by 2030



Source: Frost & Sullivan, www.gov.cn

¹ Ministry of Science and Technology (MoST)'s first panel meeting on strategy of precision medicine

² The Notice on Further Work Related to COVID-19 Testing During the Pandemic.



Diagnosis & Monitoring

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ANSWERS FOR CANCER

Starting from LDT then evolving into “LDT + IVD”

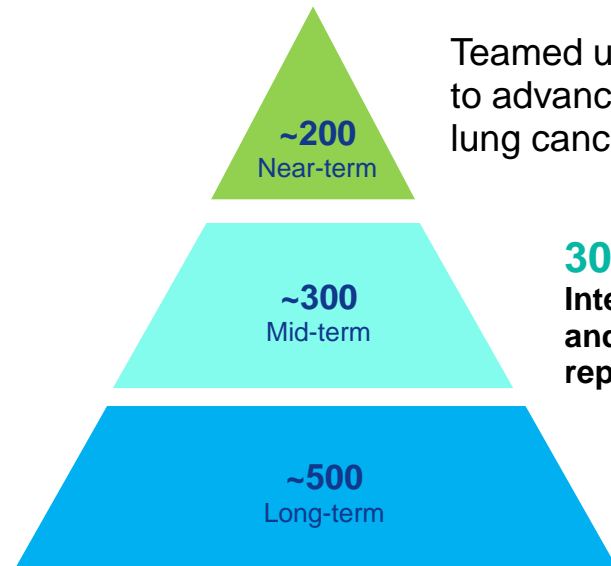
Laboratory developed test (LDT)

- Initially hospitals unable to run complex NGS testing in house
- Third party labs provide service to hospitals
- Fast adoption of latest technology



In vitro diagnostics (IVD)

- Generate incremental revenue for hospitals
- Currently the only pathway to public medical insurance
- Lengthy large size clinical trials required by NMPA



Targeting **~1000** Class 3 Grade A hospitals for cancer treatment in China

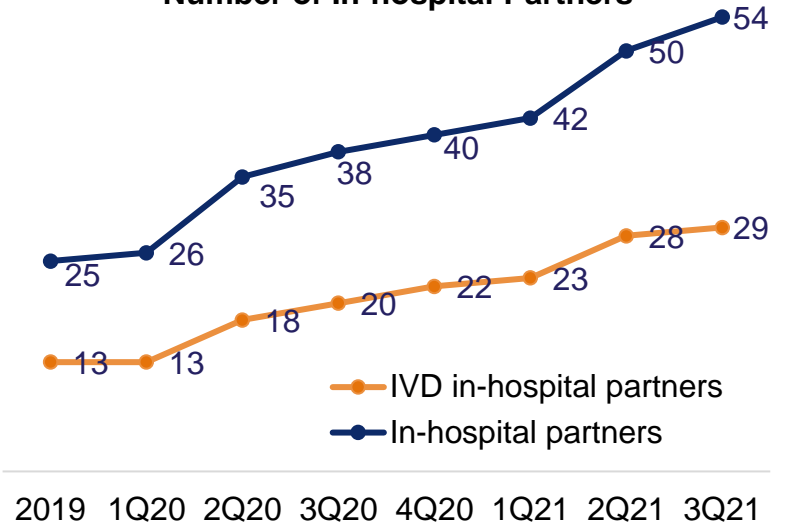
Teamed up with Siemens Healthineers to advance the use of Genetron S5 platform and lung cancer 8-gene IVD assay in hospitals



300+ Internal direct sales and marketing representatives

LDT **500+** hospitals ordered tests from us
IVD **54** in-hospital partners ⁽¹⁾ including **29** IVD In-hospital partners ⁽²⁾










Number of In-hospital Partners



(1) The number of total in-hospital partners include both sales of LDT services and IVD products.
(2) By September 30, 2021

- Cover **top 10** prevalent cancers in China
- Include **tissue** and **liquid** biopsy
- Able to detect a broad spectrum of **alterations**

LDT service menu

Cancer Types	Diagnosis	Monitoring
 Pan-cancer	● ●	●
 CNS	● ●	●
 Lung	● ●	●
 Gastric	● ●	●
 Colorectal	● ●	●
 Thyroid	●	
 Breast	●	
 Bladder	●	●
 Hematologic	●	●

● Tissue biopsy ● Liquid biopsy

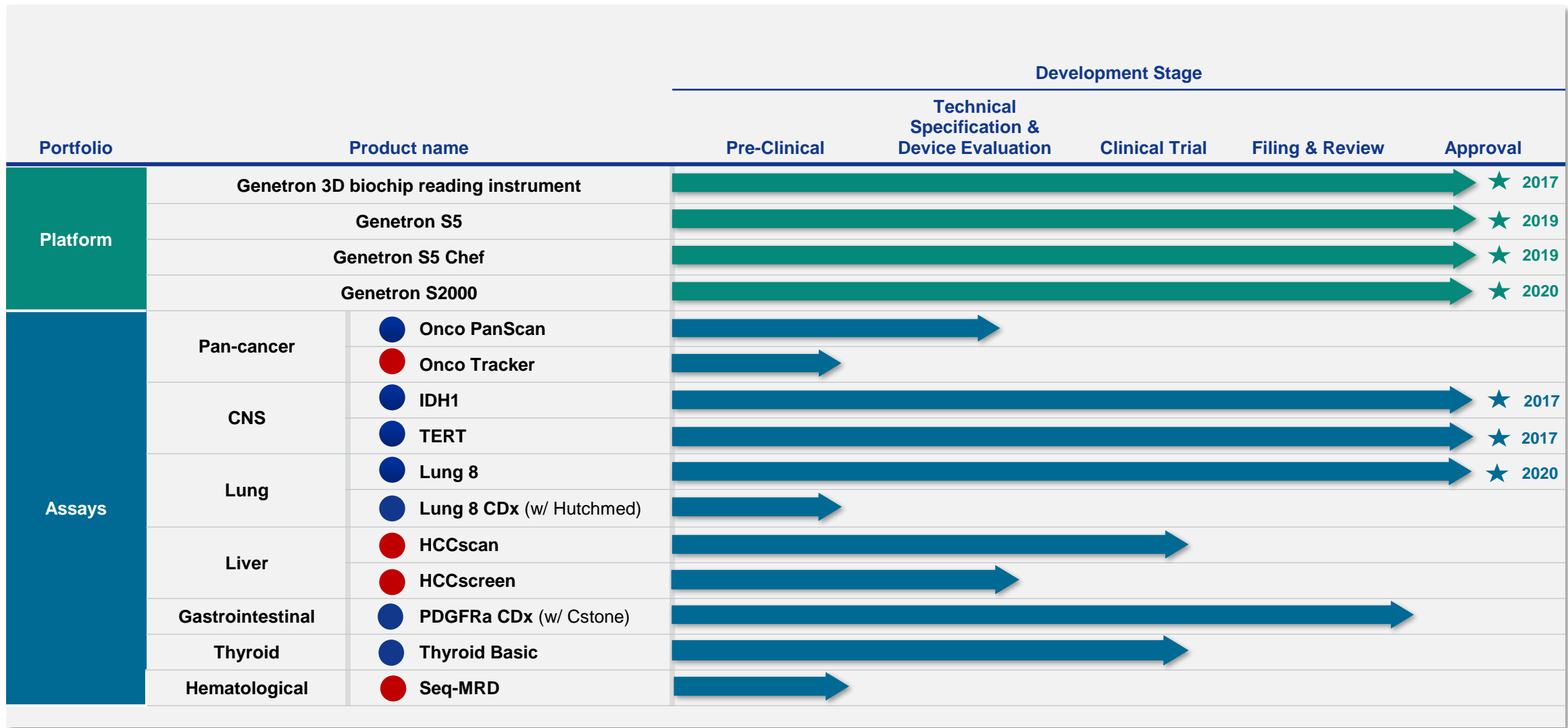
Comprehensive genomic profiling for pan-cancer

Onco PanScan™

- Tissue biopsy based
- Currently as LDT service; IVD plans underway
- Obtained CE Mark
- Contains 825 genes, which includes ~125 genes as CDx biomarkers recommended by WHO, NCCN, ESMO, 90+ genes related to immuno-oncology

Onco Tracker™

- Liquid biopsy based
- Contains 170 genes, which includes 106 genes with strong clinical significance



Tissue biopsy



Liquid biopsy



/ ★ Approved by NMPA

* Including software



Lung Cancer 8-Gene Kit



Genetron S5



Accurate Testing

High sequencing consistency, repetition rate and accuracy

Speedy Process

2-day turn around time

Small Sample Demand As little as 20ng of sample DNA

Comprehensive 8-Gene Coverage

Gene	Chinese Population Mutation Rate ¹
EGFR	50.1%
KRAS	12.3%
BRAF	4.4%
PIK3CA	12%
HER2	6.3%
ALK	7.8%
ROS1	1.3%
MET	3.4%

1. Oncologist. 2019 Nov;24(11):e1070-e1081.

Targeting Hospital Market in China

Teamed up with Siemens Healthineers to advance the use of Genetron S5 platform and lung cancer 8-gene IVD assay in hospitals market



New Commercialization Opportunity

Received **CE Mark** for 8-gene Lung Cancer Assay, the second regulatory milestone for this assay



CDx Development Collaboration

Partnered with HUTCHMED for the joint development of a CDx test for Orpathys (savolitinib) in China

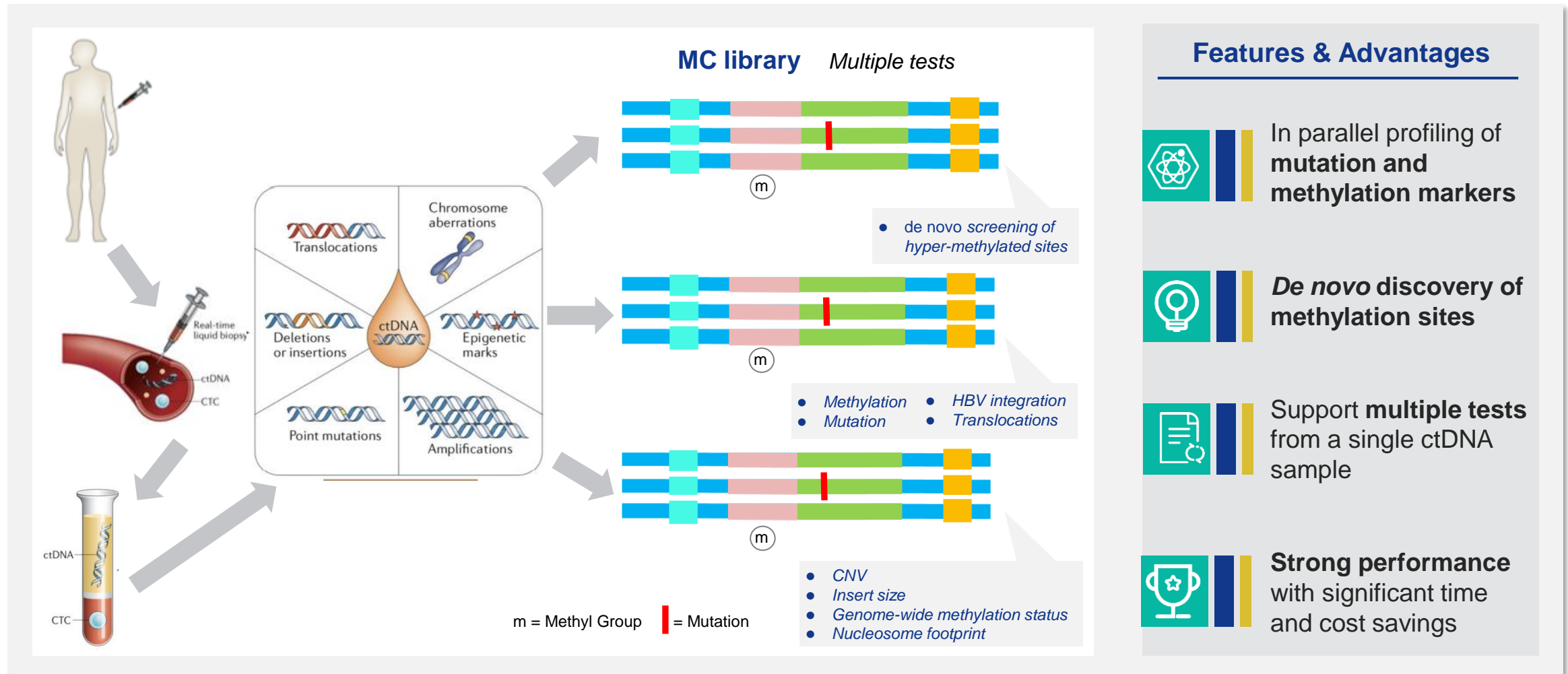




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ANSWERS FOR CANCER

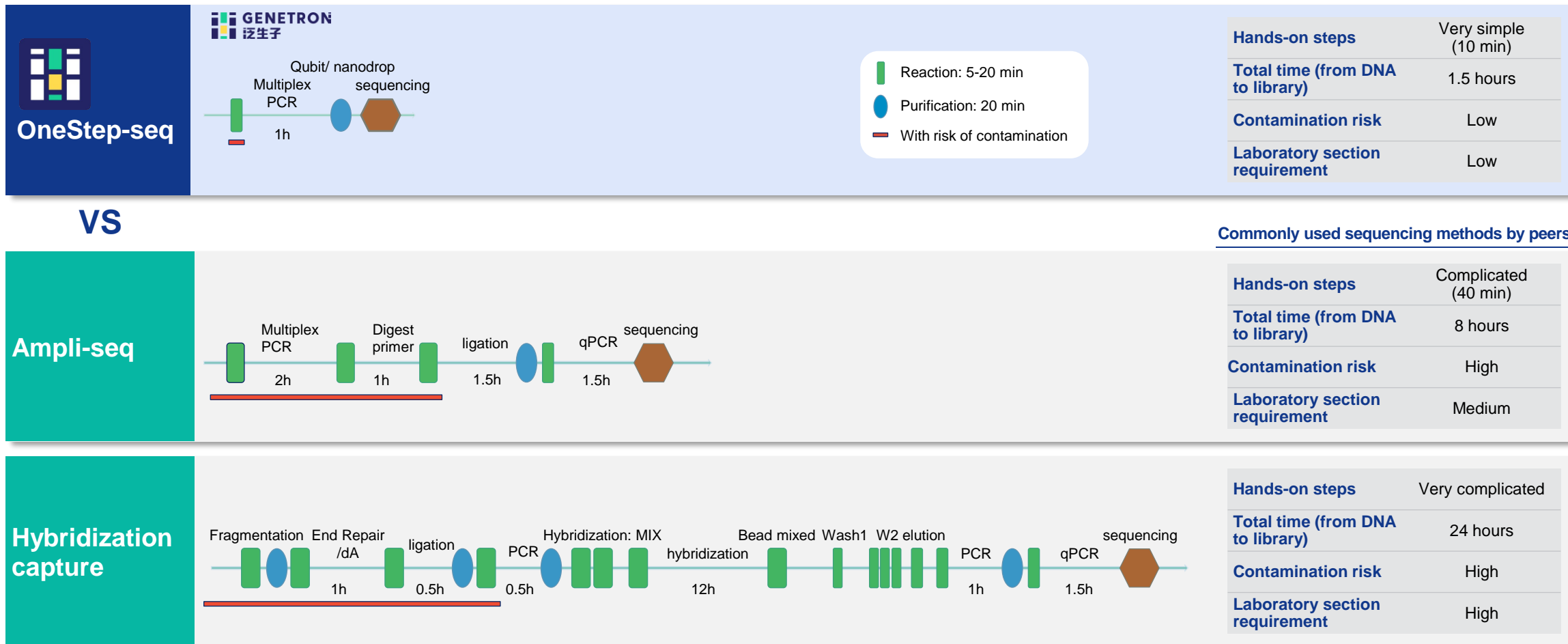
Proprietary Tech Differentiates Our Products



Source: Pantel et al., Nat Rev Clin Oncol, 2019

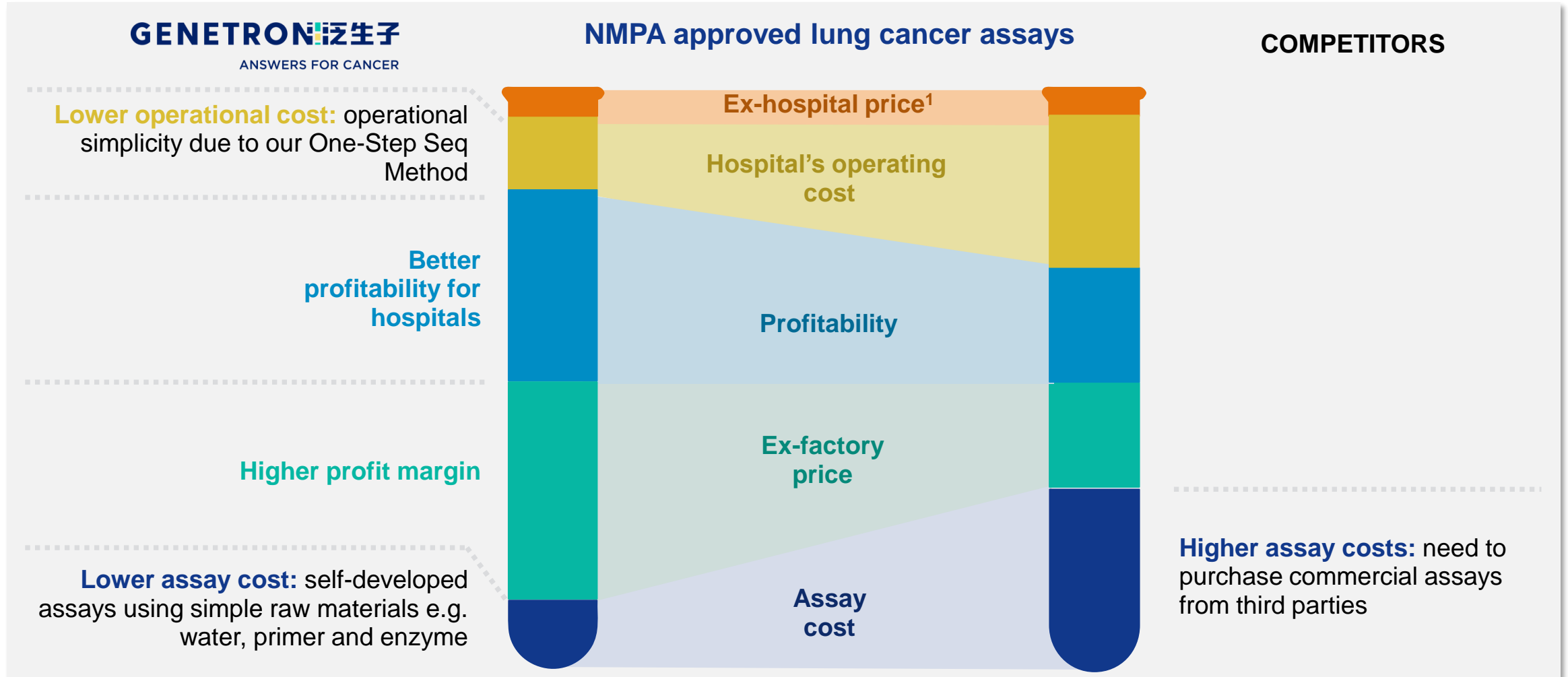
Proprietary One-Step Seq Method Presents Significant Advantage For Hospitals in China

Genetron One-Step Seq vs Amplicon / Hybridization based methods





Significant Cost Advantage Presented by Proprietary Technologies



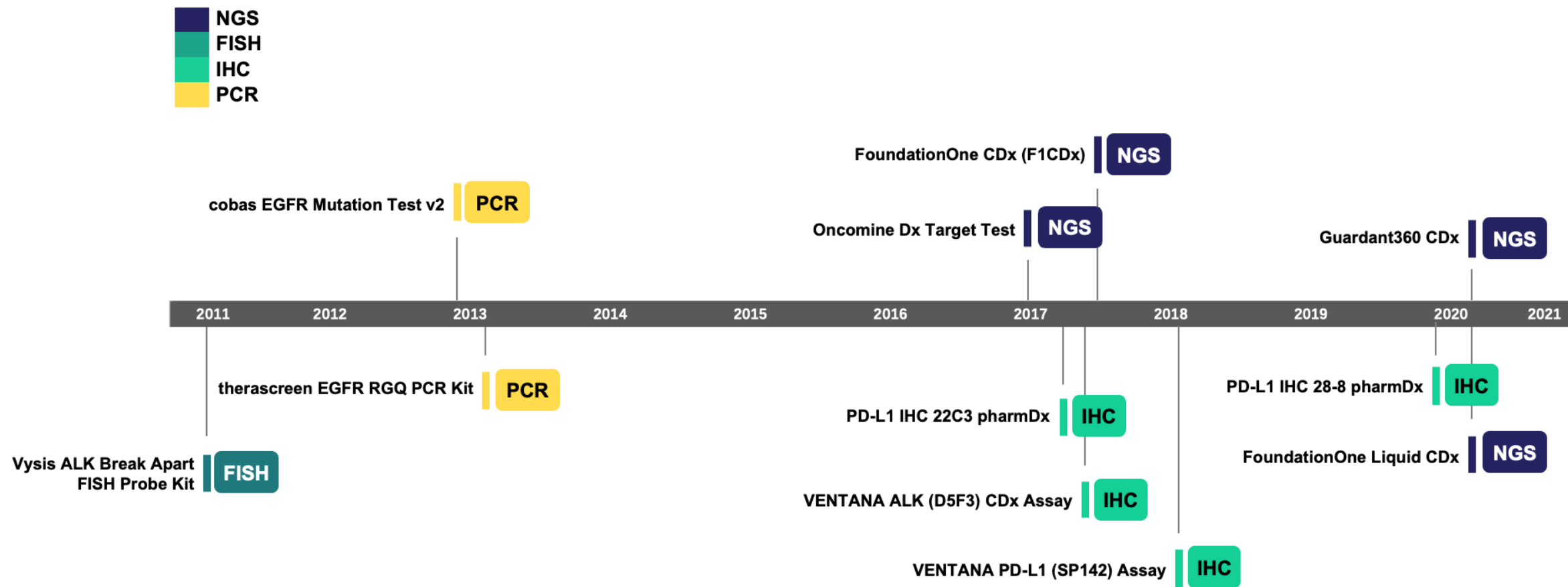
¹ Based on Company's estimate.



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ANSWERS FOR CANCER

Biopharma Services – CDx development



Source: FDA



Trend of CDx demand is becoming stronger resulting from NMPA's increasing focus on genomic testing for innovative targeted and immunotherapies in China



Strategic partnerships with **47** leading global and China biopharma companies

Global clinical drug trials and companion diagnostics development

- CLIA lab in Maryland, US - a solid platform to offer services for cross border trials and CDx developments
- Strategic partnership with NeoGenomics



Note: Partner number as of September 30, 2021



CLIA⁽²⁾ CAP⁽²⁾
NCCL EQA Certification

Laboratories

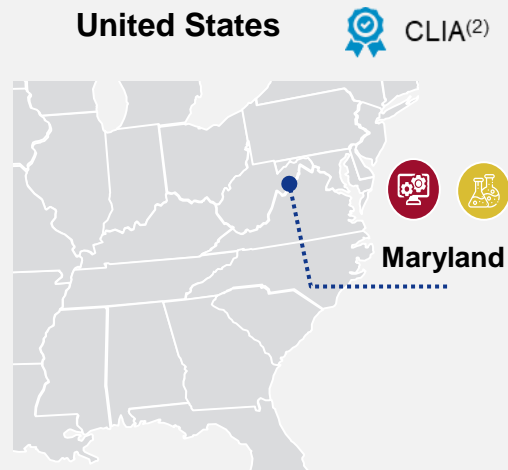
Beijing, Shanghai, Wuxi⁽¹⁾, Chongqing, Guangzhou⁽³⁾, Maryland



GMP for medical devices
ISO 13485:2016
ISO 9001 2015
ISO:15189:2012²

Manufacturing facilities

Beijing, Chongqing
Designed annual capacity of **100,000 assays** and **500 sequencing platforms**



- Headquarters
- Manufacturing facility
- Testing facility
- R&D center



Onco PanScan **large-panel** LDT passed final review by Guangzhou government

Working with regulators to formulate industry standards

¹ Wuxi facility is under construction

² Beijing laboratory facility is both CLIA and CAP certified, and obtained various ISO certifications; Maryland lab in the US is CLIA certified



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ANSWERS FOR CANCER

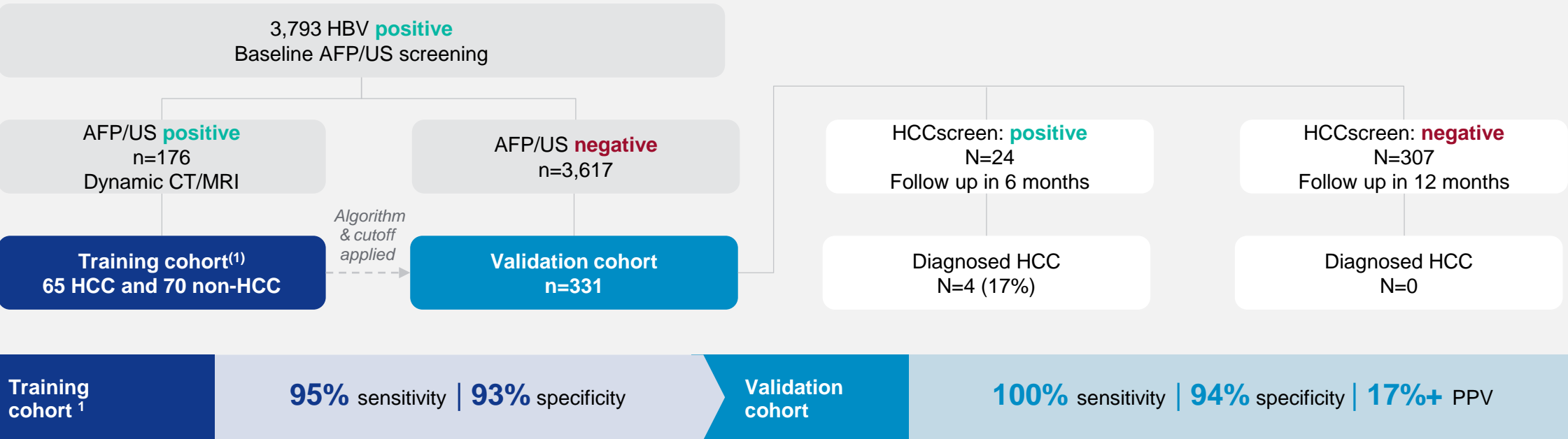
Early Screening: R&D, Progress, Strategy and Commercialization

Genetron's groundbreaking study published in Mar 2019

✓ Study based on collaboration with **National Cancer Center of China**: government funded semi-annual follow-up and blood sample collection



✓ China's **only prospective and peer-reviewed study** published on liver cancer early screening



¹ Training cohort on patients who had liver nodules and/or elevated serum AFP levels.



HCCscreen™ Investigational Study (HIT): Large-scale Prospective Study of 1,615 HBsAg+ patients reported in March 2021

Superior sensitivity and comparable specificity

vs. ultrasound + AFP: 71% sensitivity, 95% specificity

88%	93%	40.9%	99.3%
Sensitivity	Specificity	PPV	NPV

PPV: Positive Predictive Value
NPV: Negative Predictive Value
HCC: hepatocellular carcinoma

Excellent sensitivity in detecting early-stage HCC

Sensitivity	85%	96%	88%
Tumor size	<3cm	3-5cm	>5cm

Very Early Stage

Early Stage

Mid Stage

Late Stage



Tumor size <3cm

Distant metastasis

5-year survival rate **80%-90%**

High Mortality Rate

**Golden
Treatment Period**

**Detection Range with
Traditional Method**



- The clinical results and technology findings of HCCscreen™ were included in **Chinese Journal of Hepatology** Oct 2021
- **Well-recognized by expert consensus**



HCCscan™

Decentralized model

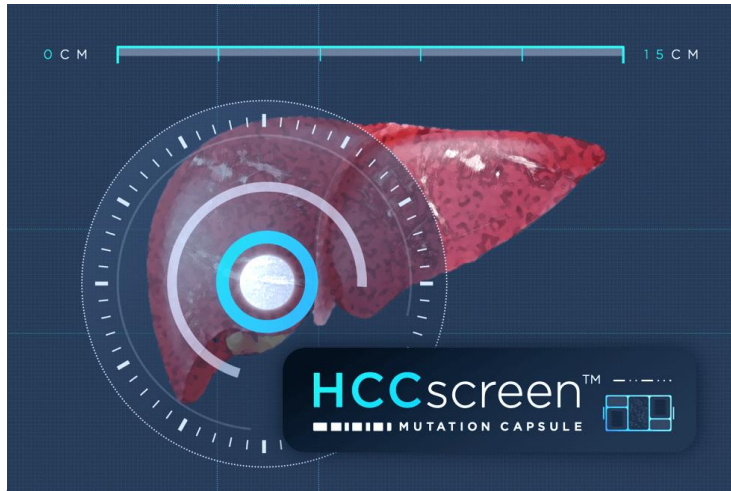
- PCR-based assay leverages the existing, broad and growing equipment infrastructure driven by government policies and recent insurance programs
- Increases accessibility and potential market penetration
- Multi-methylation marker assay
- 7-sites clinical trials, initiated patient enrollment
- Trial design: HCCscan™ vs. HCCscan™ + ultrasound vs. ultrasound + AFP in 5,000 patients



HCCscreen™

Central lab model

- NGS-based
- Multi-omics
- Previous clinical results and technology findings well recognized by expert consensus
- 4-5 sites clinical trials expected to be initiated in 1H2022
- Trial design: HCCscreen™ vs. ultrasound + AFP in 5,000 patients



- Powered by Genetron's innovative and proprietary **Mutation Capsule** Technology
- Received **U.S. FDA** breakthrough designation – expands geographical reach

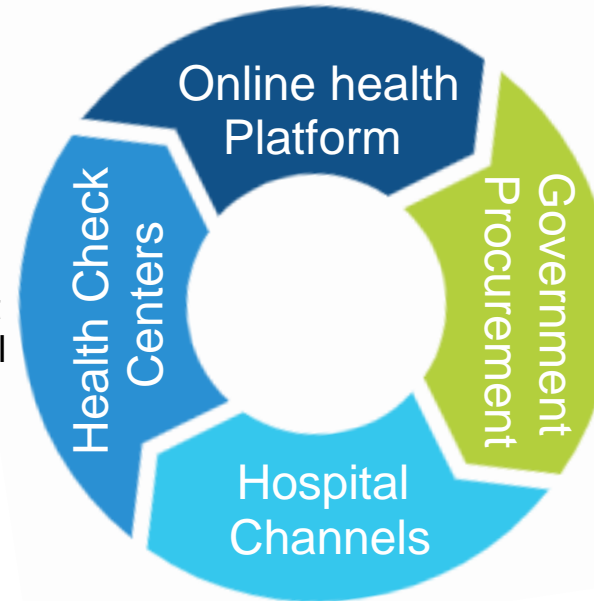


iKang 爱康

Service available at
100+ iKang medical
exam centers
nationwide

JDH 京东健康

Aim to jointly create an internet
innovation model for full-cycle
cancer solutions



正大天晴药业集团
CHIA TAI TIANQING PHARMACEUTICAL GROUP

Partnership with CTTQ, a subsidiary
of SBP (1177.HK), which has great
access to China's hepatitis hospital
market

NCC
NATIONAL CANCER CENTER
国家癌症中心



江苏无锡(惠山)生命科技产业园
Jiangsu Wuxi (Huishan) Life Science & Technology Industrial Park

L-PARK

Collaborated with local
governments for public
health initiatives
Wuxi Huishan in Jiangsu
(江苏省无锡市惠山区)
Bijie Dafang in Guizhou
(贵州省毕节市大方县)



CRC Early Screening Preliminary Data

- A blood-based assay profiling multi-omics biomarkers including mutation, methylation, copy number variations etc. from cfDNA
- The algorithm was trained in a retrospective cohort of 100 cases and 100 controls, and validated in an independent cohort in same size.
- The assay showed >91% sensitivity with the specificity of 95%.
- Full details from this cohort planned to be released through publication in 2022

US\$7.2bn

Liver Cancer Early Screening Market Size



- 150,000 HCCscreen™ tests large-scale adoption + LDT launch
- Prospective cohort of 1,615 patients reported encouraging data
- HCCscan™ trial initiated – PRC assay will leverage existing infrastructure to broaden access
- HCCscreen™ trial to start in a few months
- NMPA approvals projected in 2023

US\$5.8bn

Lung Cancer Early Screening Market Size



- Leveraging Mutation Capsule™ technology to establish early screening models for lung and digestive system cancers
- Aug 2020: Joined **China National Key R&D Project** led by MOST, launched over **100,000 patient cohort** each for lung and digestive system cancers
- Case-control **CRC** study preliminary data reported in 2021

US\$23.0bn

CRC Early Screening Market Size



- Mutation Capsule™ allows cross-validation of studies for each individual cancer types
- Develop **multi-cancer early screening** model covering several major cancer types with good performance

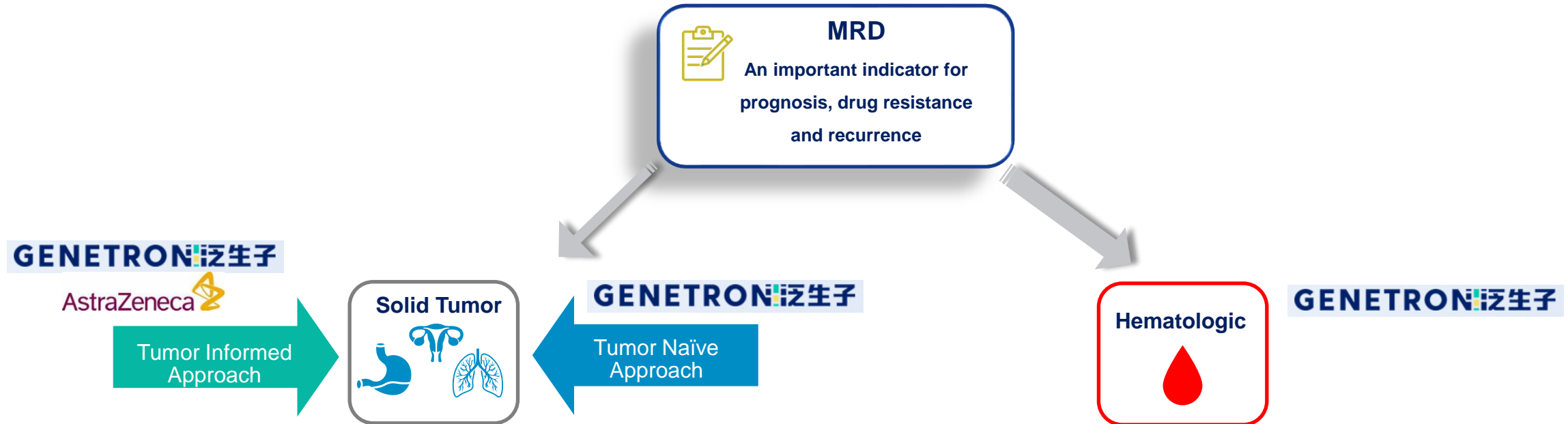


MRD New Product Line; Future Strategies and Growth Drivers

GENETRON 泛生子

ANSWERS FOR CANCER

MRD can be useful in solid tumor and hematologic malignancies. Many companies are developing MRD tests for solid tumor using two primary approaches.



Source: Company websites

To develop a world-class tumor-informed MRD product

Solid Tumor MRD

- Enabled by proprietary Mutation Capsule platform



- Collaboration with AstraZeneca for the joint development of NGS-based tumor-informed MRD tests for various solid tumor types in China
- AZ will incorporate the co-developed assay for China-specific studies
- First step of a multi-year, exclusive LT partnership. Room to expand to IVD and commercialization

Seq-MRD® for Hematologic Cancer

- One-step Seq + fully automated bioinformatics solutions
- Tested with thousands of ALL, MM, and CLL patients



FOSUN PHARMA
复星医药

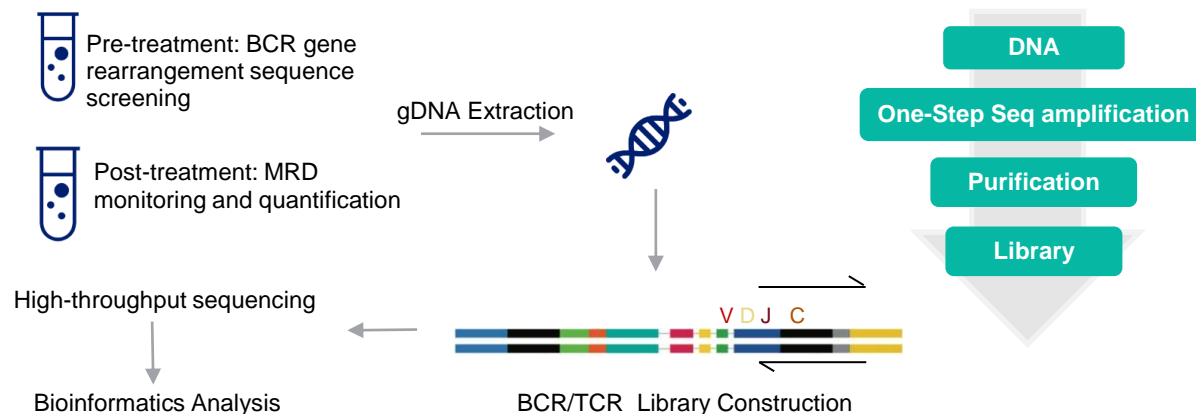
Initiated Commercialization in China

- Exclusively collaborating with Fosun Pharma in hematologic-focused hospitals and clinics in China
- Fosun has 1,500 sales reps to sell innovative drugs that target hematologic and lymphoid malignancies, and solid tumors




ALL: acute lymphoblastic leukemia MM: multiple myeloma CLL: chronic lymphoid leukemia

Seq-MRD[®] for Blood Cancer with "One-Step Seq" Method

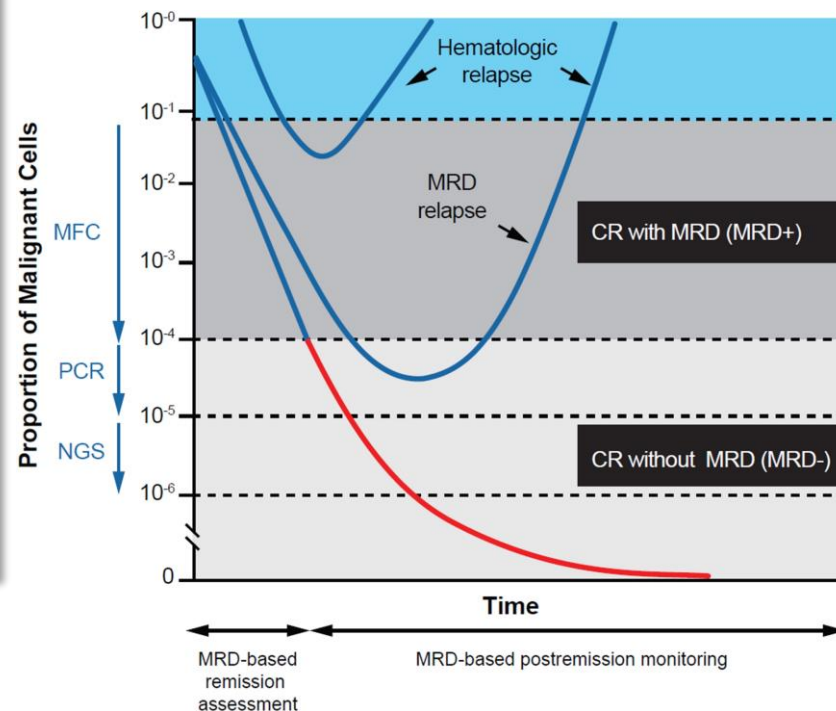
Seq-MRD[®] Workflow



Features and Advantages

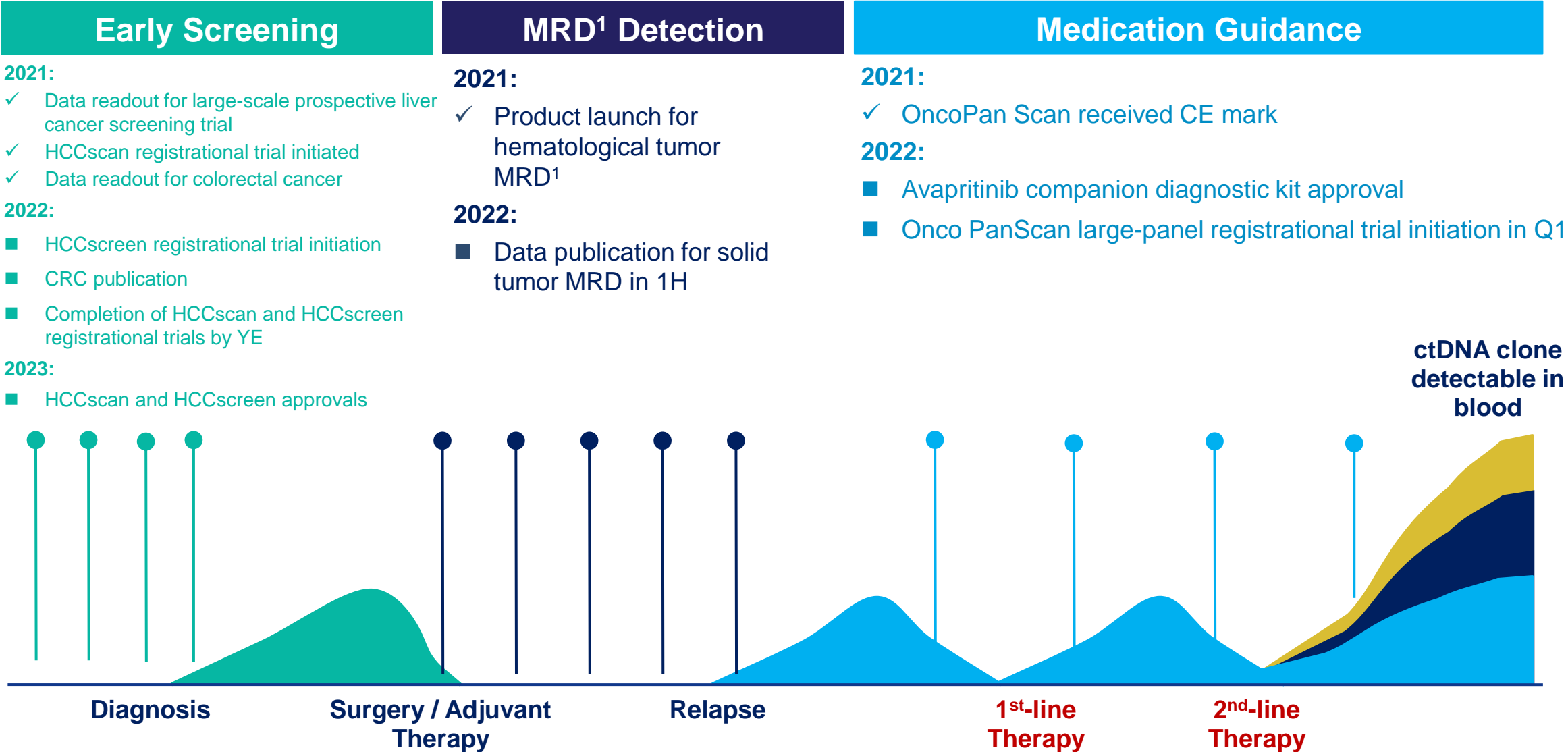
-  **High sensitivity and stability**
-  **Simple operation, low risk of contamination**
-  **Wide clonotype coverage**

- Leveraging our **One-Step Seq** technology, Seq-MRD[®] can be used to **detect and monitor MRD in patients with hematological tumor**
- Seq-MRD[®] provides more accurate evidence for **early treatment response and recurrence prediction**
- Inked a partnership with a **leading MNC** and expect to be launched in clinical settings soon



Source:
Short, N.J., Jabbour, E., Albitar, M., et al.
Recommendations for the assessment and
management of measurable residual disease in
adults with acute lymphoblastic leukemia: A
consensus of North American experts. *Am J
Hematol.* 2019; 94: 257– 265.
<https://doi.org/10.1002/ajh.25338>

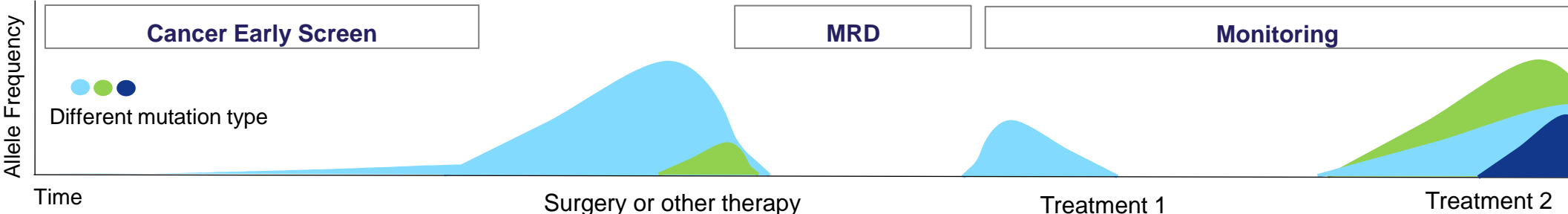
Focused on Transforming the Lifecycle Management of Cancer



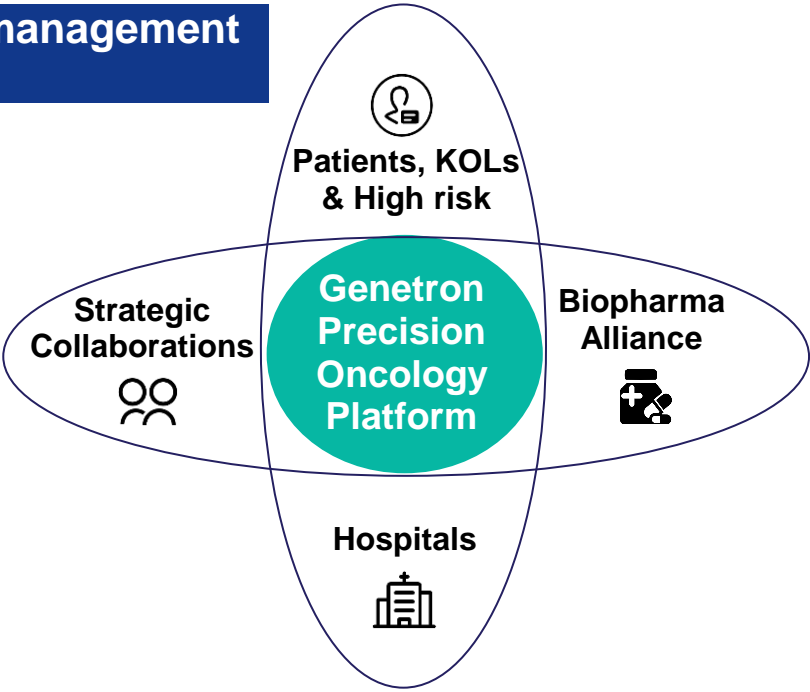
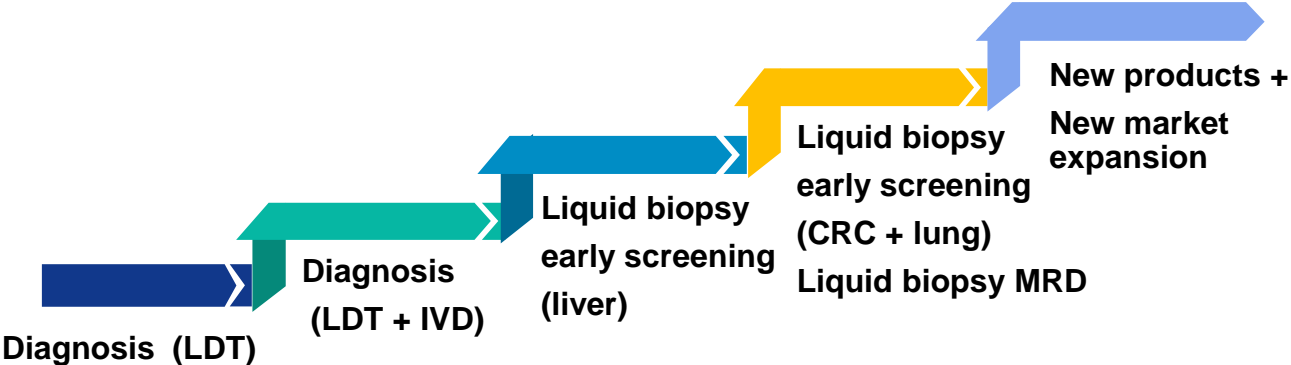
¹ Minimal residual disease.



Become A Prominent Player in Liquid Biopsy



Develop liquid biopsy-based solutions across the full-cycle cancer management
Continue to ramp up our commercialization efforts





GENETRON 泛生子

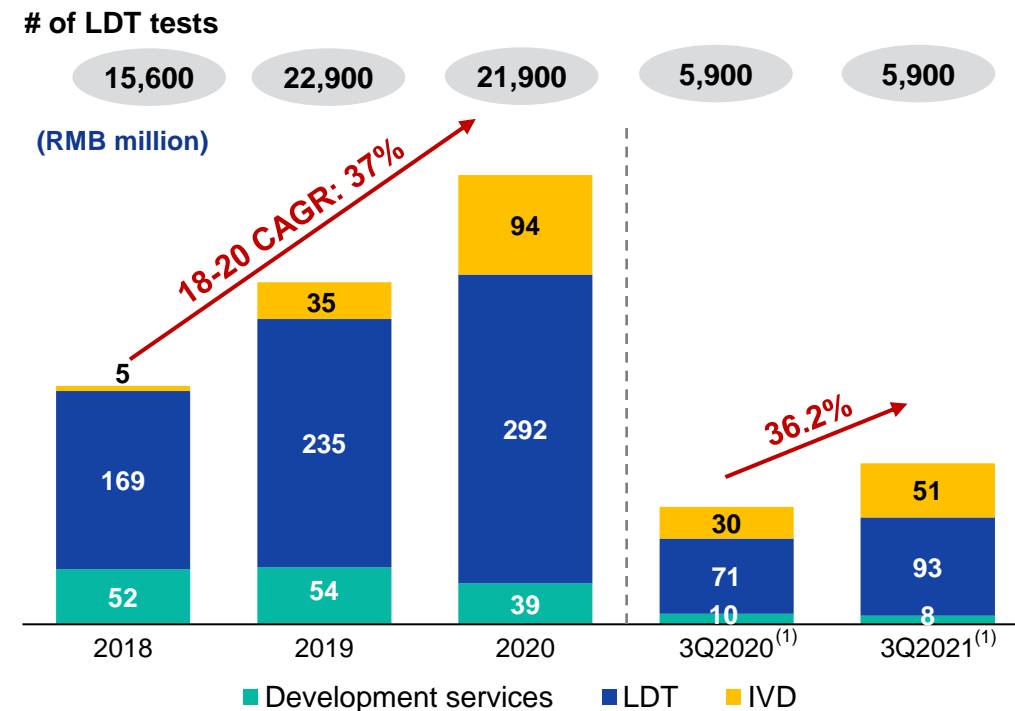
ANSWERS FOR CANCER

Financial Overview

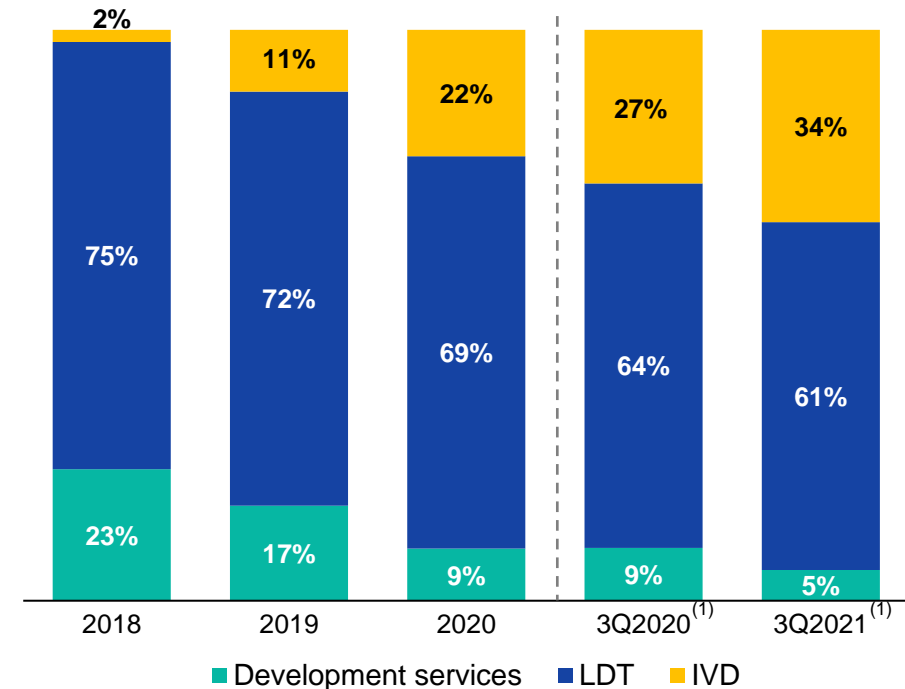
3Q2021 revenue growth drivers:

- Sales of LDT services included sales of our early screening test, HCCscreen™
- Increased IVD revenue was driven by increasing sales of Genetron S5 instrument and 8-gene Lung Cancer Assay (Tissue)
- Development services: Continued strategic shift to higher margin biopharma services

Robust revenue growth in 3Q2021



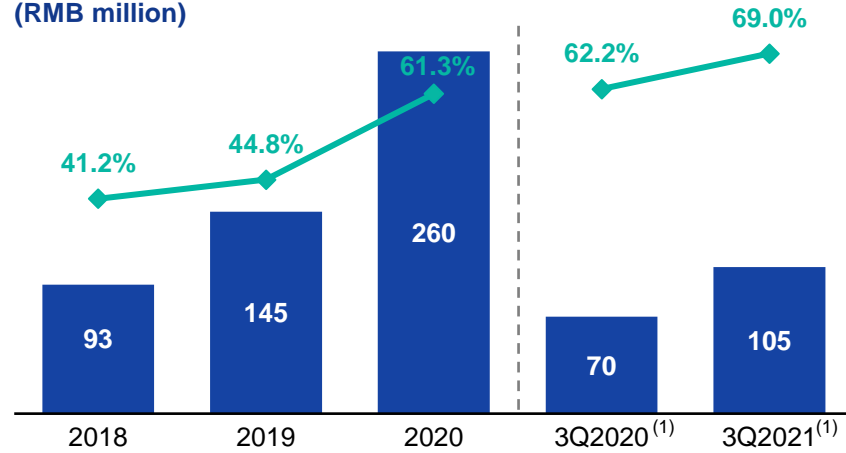
IVD revenue as a percentage of total revenue increased in 3Q2021



Note:
(1) Unaudited financial numbers

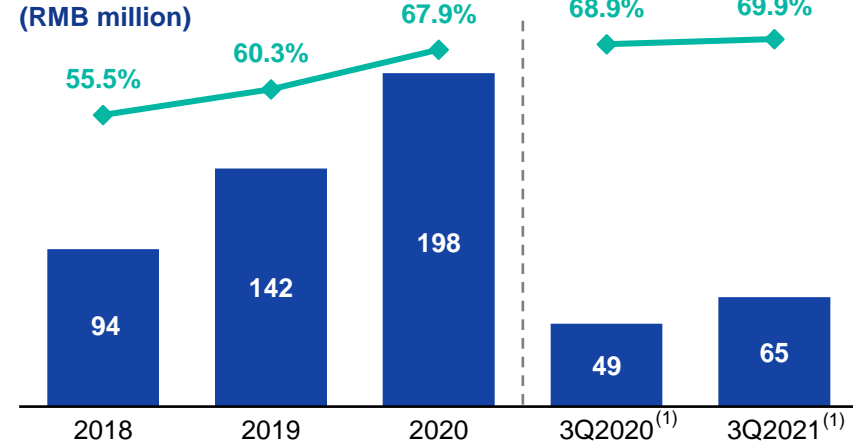
Gross profit and margin

(RMB million)



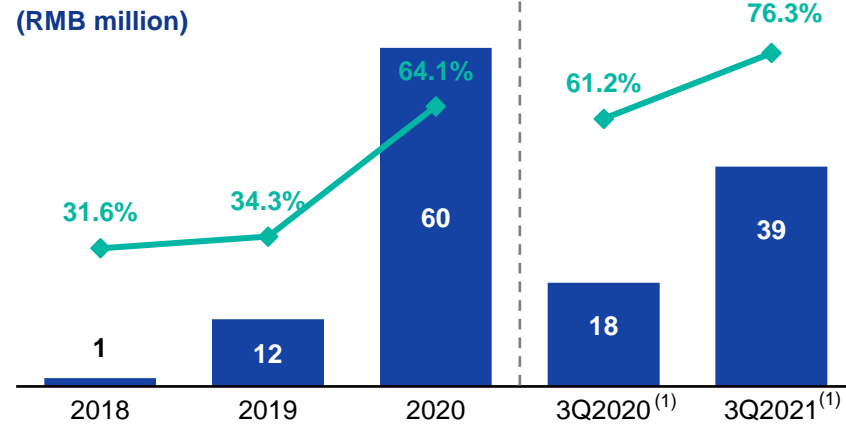
Gross profit and margin (LDT)

(RMB million)

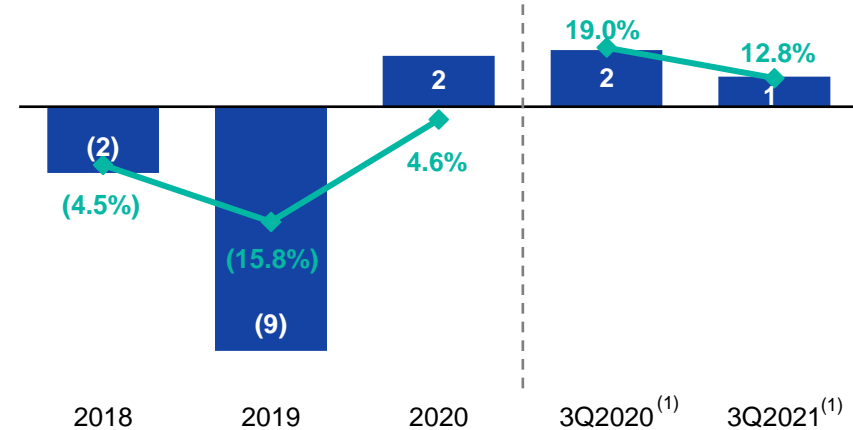


Gross profit and margin (IVD)

(RMB million)



Gross profit and margin (Development services)

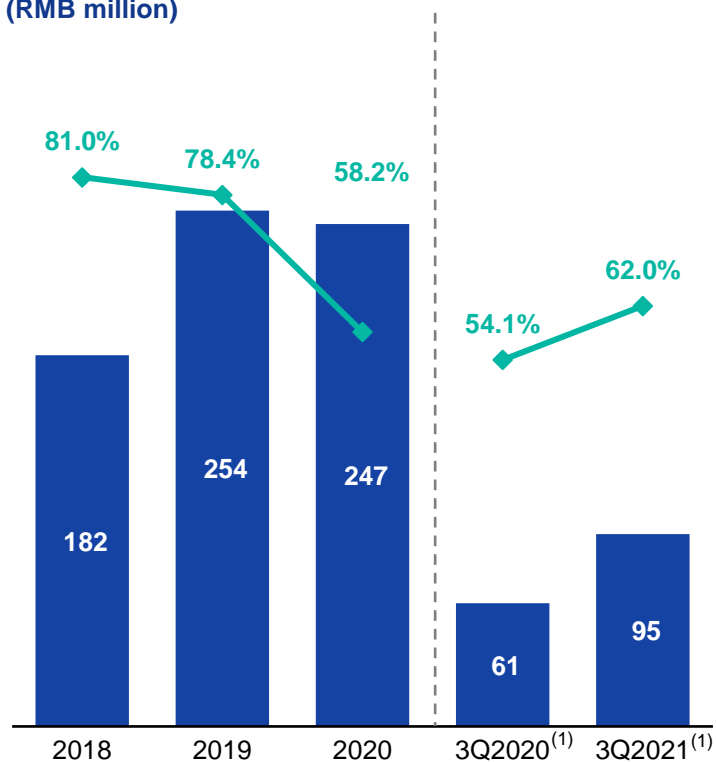


Note:
(1) Unaudited financial numbers

3Q 2021 Operating expenses

Selling expenses

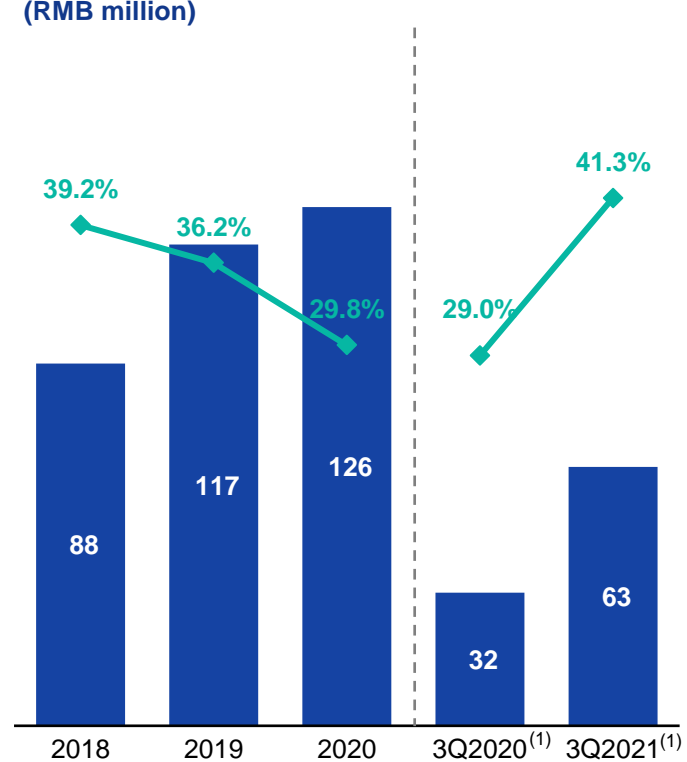
(RMB million)



■ Selling expenses ■ Percentage of total revenue

Administrative expenses

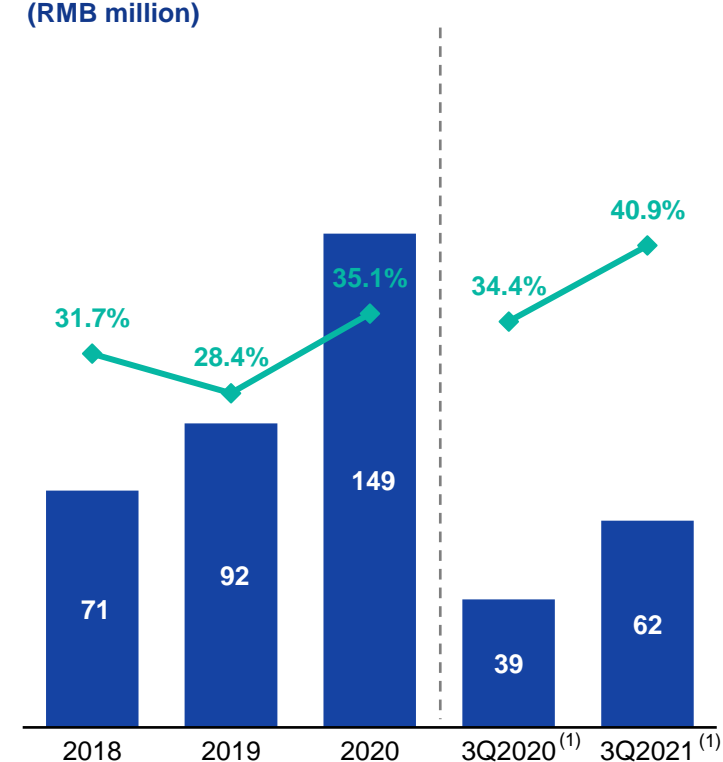
(RMB million)



■ Administrative expenses ■ Percentage of total revenue

R&D expenses

(RMB million)



■ R&D expense ■ Percentage of total revenue

Note:
(1) Unaudited financial numbers

(in RMB million)	Third Quarter		
	Q3 2021	Q3 2020	Y/Y Change
Revenue	152.5	112.0	36.2%
Diagnosis & monitoring - LDT	93.0	71.4	30.2%
Diagnosis & monitoring - IVD	51.3	30.1	70.5%
Development services	8.2	10.4	(21.4%)
Gross margin	69.0%	62.2%	680bps
Selling expenses (% of rev)	62.0%	54.1%	790bps
R&D expenses (% of rev)	40.9%	34.4%	640bps
Admin expenses (% of rev)	41.3%	29.0%	1230bps
Operating loss	(124.8)	(59.2)	-
Net loss	(130.1)	(48.0)	-
Non-IFRS loss ¹	(109.9)	(43.7)	-

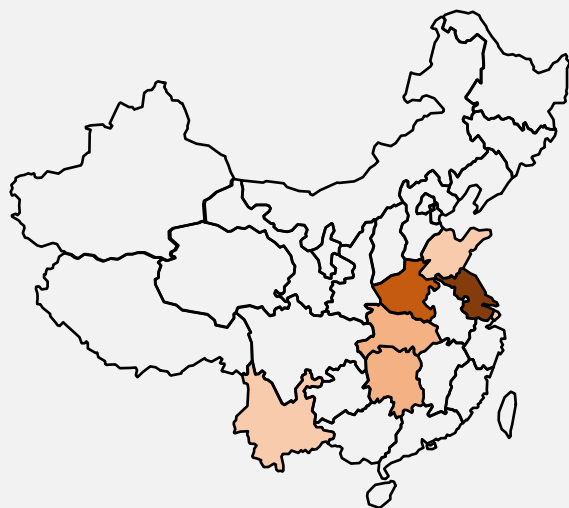
As of September 30, 2021, cash and cash equivalents, restricted cash and current financial assets at fair value through profit or loss were RMB1,005.3 million

1. Non-IFRS loss represents net results excluding share-based expenses, fair value change and other loss of financial instruments with preferred rights. Please refer to appendix for the reconciliation of non-IFRS loss for the year/period to net loss for the year/period

Covid-19 resurgence in China intensified since October; LDT business was impacted significantly

Accumulated Local Covid-19 Cases

August 1 – August 31



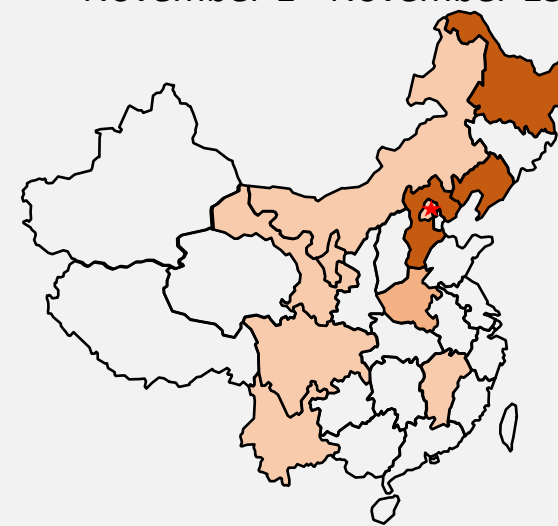
September 1 – September 30



October 1 – October 31



November 1 - November 15



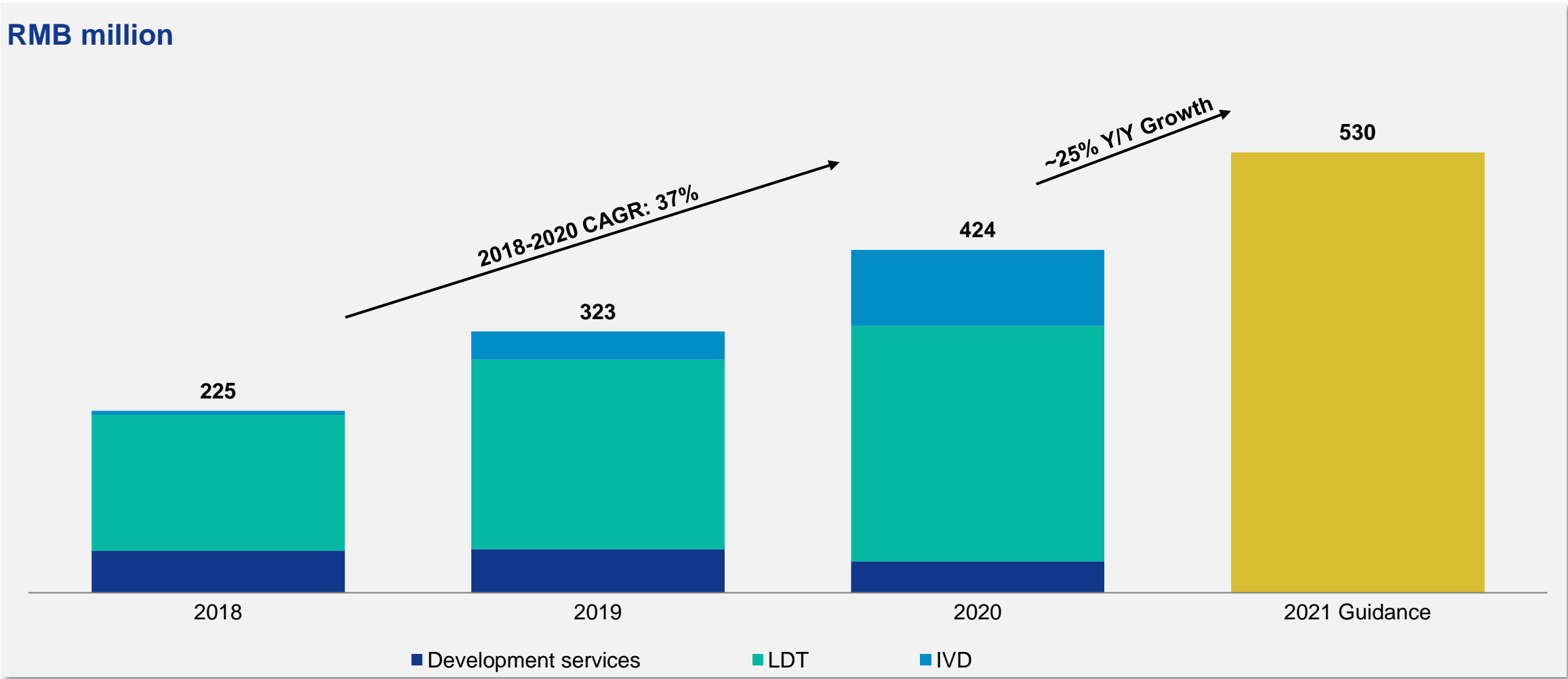
Cases of infection: 10-50 50-100 100-500

Source: National Health Commission

★ In Beijing, in anticipation of the Winter Olympics and the National People's Congress, restrictions have been particularly severe, and this level of high alert is likely to stay.



RMB million



UNAUDITED NON-IFRS FINANCIAL MEASURES

	For the three months ended,	
	September 30, 2020	September 30, 2021
	RMB'000	RMB'000
Loss for the period	(47,998)	(130,147)
Adjustments:		
Share-based compensation	4,268	20,246
Non-IFRS Loss	(43,730)	(109,901)
Attributable to:		
Owners of the Company	(43,730)	(108,728)
Non-controlling interests	-	(1,173)