

2021 ANNUAL RESULTS

March 2022





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Today's Agenda

- 01 Company Overview & 2021 Highlights
- **O2 Pipeline Update**
- **03 Business Development**
- 04 CMC Update
- 05 Financial Results & 2022 Outlook
- 06 Q&A

Company Overview & 2021 Highlights



Transcenta at a Glance

Industry Leading Technology Platforms

With end-to-end capabilities across

- Discovery & Research
- Product development
- Process development and commercial manufacturing

Global Vision from Inception

Drug candidates with

- Global rights
- Global development and registrations
- CMC and manufacturing with global standard

Cutting Edge Technologies for Innovative and Competitive Biologics

Innovative Clinical Strategy & Execution

Integration of clinical and translational strategies to

- Optimize the clinical trial design
- Collaborate on **flawless** execution around the world

World-Class CMC Team & CDMO Capability

Experienced in-house team, continuous bioprocessing platform and commercial manufacturing ability

- IND & BLA Filing capabilities
- Commercial launch readiness
- High quality CDMO business to **improve cashflow**

Transcenta is an Integrated Biopharma with Global Footprint



Seasoned Management Team and World-class Scientific Advisory Board

Experienced Management Team

Seasoned and global management team with solid knowledge and experience across value chain

International Renowned SAB

World Well-known leading academic investigators, regulatory experts and industrial veterans



Xueming Qian, PhD Co-Founder and CEO







AMGEN gsk



Jerry Yang, PhD EVP, Global Process & Product Development



Michael Shi, PhD EVP, Global Head of R&D, CMO 산 NOVARTIS



Yi Gu, PhD SVP, Head of Research

Ambrx AstraZeneca



Former SVP & R&D Head at Shenogen Pharma

Former Team Leader and Principal Scientist at Amgen

>20-year industry antibody discovery & development experience

Daniel Weng EVP, CFO



Albert Zhu SVP, Finance



Christopher Hwang PhD EVP, CTO SANOFI GENZYME



Jane Xia SVP, Commercial Planning & Business Development



Briggs Morrison, M.D.

Scientific Advisory Board Chairman Executive Partner | MPM Capital CEO | Syndax Pharma Former CMO | AstraZeneca Former Head of Clinical Development | Pfizer



Susan Jerian M.D.

President & CEO | ONCORD INC. Former Supervisory Medical Officer | CBER, FDA Former Director Clinical Research | Amgen Inc.



Pasi A. Jänne, M.D., Ph.D.

Director | Lowe Center for Thoracic Oncology Director | Belfer Center for Applied Cancer Science Professor | Harvard Medical School

Ling Su, Ph.D.

Professor & Director | Institute of Drug Regulatory Science, Shenyang Pharmaceutical University Venture Partner | Lilly Asia Ventures

Li Xu, MD. MBA

Strategic advisor to CEO Venture Partner, LAV Former VP, Clinical Development, Pfizer Former Head of Oncology Development, Hengrui



Diversified and Differentiated Pipeline

Drug candidate	Target	Indications	Clinical trial region	Preclinical	IND	Phase 1a	Phase 1b/ phase 2a	Pivotal Phase 2b / Phase3	Rights	Partner
TST001	Claudin 18.2	Late-line gastric cancer	China	Monotherapy						
		Late-line pancreatic cancer	Global	Monotherapy						
		Other late-Line solid tumors	Global	Monotherapy					Global	In-house
		Second-line gastric cancer	Global	Combo with chemo					Giobai	III-IIUUS
		First-line gastric cancer	Global	Combo with chemo						
		Solid tumors	US	Monotherapy						
TST005	PD-L1/TGF-β Bi-functional	Solid tumors (HPV+ and NSCLC, etc.)	Global	Monotherapy					Global	In-hous
TST003	BMP Antagonist (FIC)	Solid tumors	Global	Monotherapy					Global	In-hous
TST006	Claudin 18.2/PD-L1 Bi-specific (FIC)	Solid tumors	Global	Monotherapy					Global	In-hous
TST010	Undisclosed	Solid tumors	Global	Monotherapy					Global	In-hous
MSB0254	VEGFR2	Solid tumors	China	Monotherapy					Global	In-hous
	PD-L1	TMB-H solid tumors	China	Monotherapy						
MSB2311		Other solid tumors	China	Monotherapy					Global	In-house
		Solid tumors	China	Combo with VEGFRi						
TST002	Sclerostin	Osteoporosis	China	Monotherapy		US PI	2 Completed		Greater China	Lilly
TST004	MASP2	IgA nephropathy TMA	Global	Monotherapy					Global	ALEBUNI
TST008	MASP2-based Tri-functional (FIC)	SLE	Global	Monotherapy					Global	In-hous



2021 Highlights

Strong Progress in Pipeline Advancement and Business Operations

Advanced lead asset TST001 in multiple indications and planning for global registration study

- ✓ Initiated phase IIa trials for late-line gastric cancer and pancreatic cancer
- ✓ Began a phase I trial in combination with chemotherapy in first line gastric cancer and initiated phase IIa study
- ✓ Received **orphan drug designation** from the U.S. FDA for gastric cancer/esophagogastric junction cancer
- ✓ Expect to start the **global registration trial** in late 2022

Maximized trial efficiency and speed with multi-regional clinical development strategy

- TST001: Advanced global trials to enable IND submission for global registration trial expedited the process by one year compared to original timeline
- ✓ TST005 (PDL-1/TGF-β bispecific) Initiated global trial in both US and China under one protocol
- ✓ TST002 Obtained IND approval in China and leveraged Lilly's global data to accelerate the development

Generated candidates with superior profile using proprietary antibody discovery platform

- ✓ Initiated **3 IND-enabling** programs and expect **2 IND filings** in 2022
- ✓ TST004 advanced partnership with Alebund in China
- ✓ TST003 a **potential FIC** targeting a novel pathway with potential applications for PD-1 resistant solid tumors

Established world-class perfusion bioprocessing platform for commercial manufacturing

- > 10-fold increase in productivity compared to conventional fed-batch process
- ✓ Established intensified perfusion process for TST001 and ramped up to GMP commercial scale
- Expanded manufacturing capacity and added DP fill and finish line to enable future commercial manufacturing
- ✓ Leverage our perfusion platform for CDMO business

Listed on the Main Board of HKEX

✓ Transcenta (6628.HK) listed on the Main Board of the Hong Kong Stock Exchange on September 29, 2021





Transcenta Pipeline Highlights





TST005 (Best-In-Class) PDL1-TGF-β

Global Ph I Stage PD1 refractory TGF-β enriched tumors NSCLC, Cervical, PADC, BTC



Oncology PD-1 resistant / refractory tumors Non-Oncology large unmet needs in bone and kidney diseases



Ph I Stage (US Ph II Completed) Osteoporosis Osteogenesis Imperfecta Osteoporosis in CKD

AT THE	1990th

TST004 (Best-In-Class) MASP2 IND Enabling Stage IgAN TMA

TST003 (First-In-Class) Novel Target

IND Enabling Stage PD1 refractory tumors CRC, NSCLC, GC, ESCC, PC, BC

Technology Platforms: IMTB, Bispecific, Perfusion-based Bioprocessing, etc

Oncology Highlights

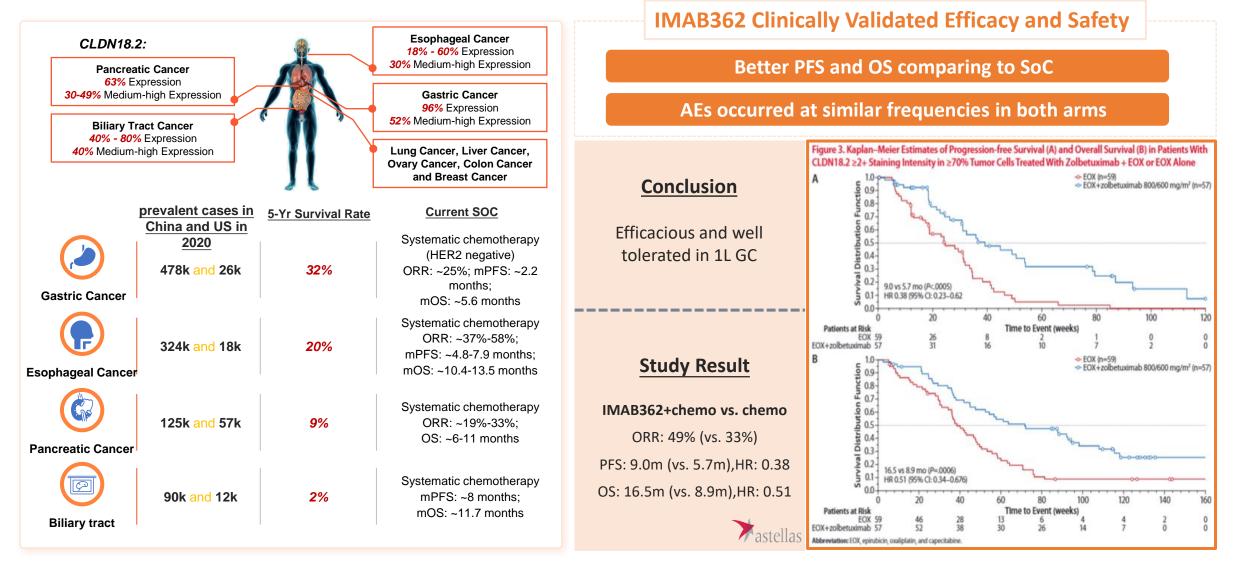


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- ✓ Targeting major cancer pathways with differentiated biologics
- CLDN18.2, a well validated tumor associated antigen
- PD1/PDL-1-TGF β pathway, a key MOA for PD1 resistance
- Cancer associated stromal cells, source of immunosuppressive factors
- Regulatory T cells, a key cell type inhibiting effector T cell and NK cell function
- Highly differentiated oncology pipelines targeting checkpoint resistant/refractory tumors
- TST001: mAb targeting CLDN18.2 with NK cell mediated tumor killing ADCC
- TST005: bispecific Ab targeting both PDL1 and TGFβ
- TST003: mAb targeting cancer associated stromal cells
- TST010: mAb depleting immunosuppressive regulatory T cells
- ✓ TST001: a potential Best-In-Class antibody targeting CLDN18.2
- Most advanced global No.2 program
- Expect to launch global registration trial in 2022
- Highly synergistic pipelines in GI oncology
 - Multiple programs (TST005, TST003 and TST010) are designed to enhance CLDN18.2 franchise through combination with TST001



CLDN18.2 is a Clinically Validated Target with Potential in Broad Indications



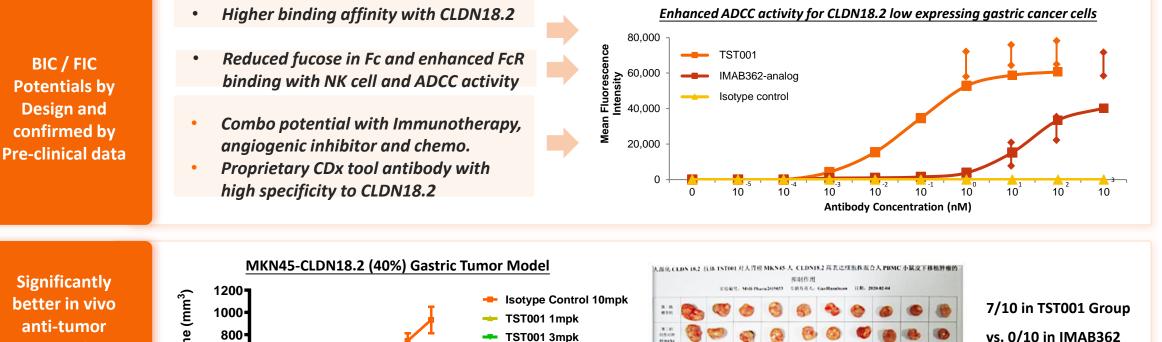


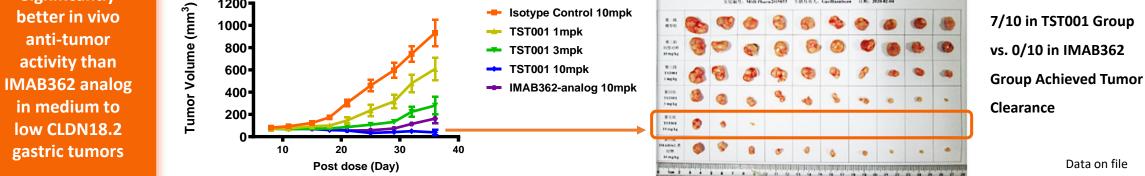
Data on file

Leading the Market with Promising Anti-tumor Activities and BIC / FIC Potentials

TST001

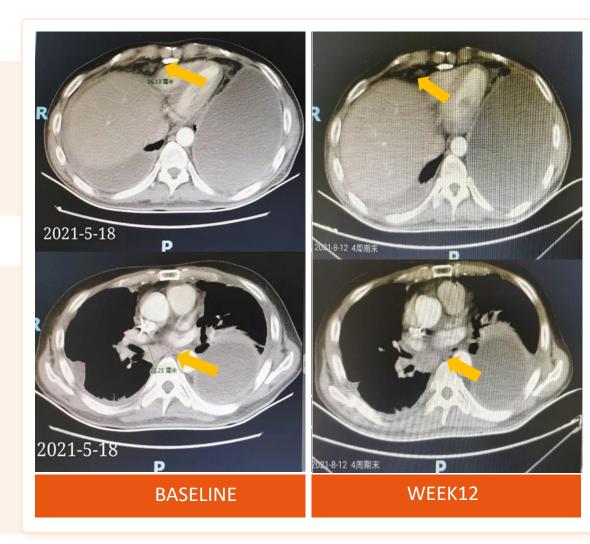
The second leading mAb targeting CLDN18.2 developed globally following Zolbetuximab, but shows a differentiated profile with BIC/FIC potentials







One Confirmed PR Achieved in Dose Escalation Study in Late Line GC Patient at 6mg/kg



Confirmed PR in heavily pretreated GC patient

- Male, 42-year-od, GC/peritoneal metastasis
- Multiple lines of prior treatment, including chemo, PD1, VEGFi
- CLDN18.2 + assessed by investigator
- Treated with TST001 at 6mg/kg Q3W (1/3 zolbetuxima dose)
- Observed PR at 6 week and Confirmed PR at 12 week
- Increased appetite and gained 3kg weight at week 12

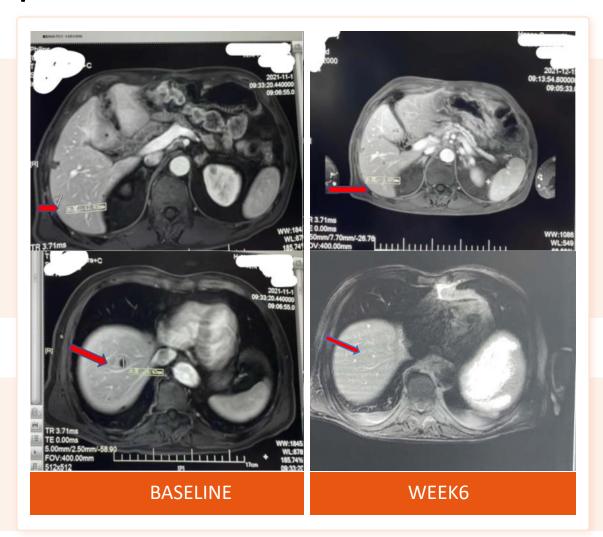
Milestones achieved for gastric cancer

- Data for Ph I dose-escalation study presented in 2022 IGCC
- Initiated Ph IIa TST001/chemo combo for first line gastric cancer
- Initiated Ph IIa monotherapy expansion in late line gastric cancer and interim data to expect in Q4/22
- To initiate TST001/ PD1 inhibitor combo for 2nd line GC in Q3/22
- Filed IND for Ph3 registration trial and plan to launch in 2H22 pending IND approval





Confirmed PR in Pre-treated Pancreatic Cancer Patient with Medium-low CLDN18.2 Expression



TST001

Confirmed PR in pretreated pancreatic cancer

- Male, 64-year-od, pancreatic cancer patient with liver metastasis
- Prior treatment, gemcitabine+S1 for 6 cycles
- Central lab CLDN18.2 IHC testing showed medium-low expression (5%1+ 5%2+ 5%3+)
- Treated with TST001 at 10 mg/kg Q3W
- Week 6 evaluation showed an 86% shrinkage of target lesions,
 - one target lesion disappeared completely (liver: 16.4mm-0mm),
 - another target lesion with shrinkage (12.9mm-4mm)
- Confirmed PR at Week 12

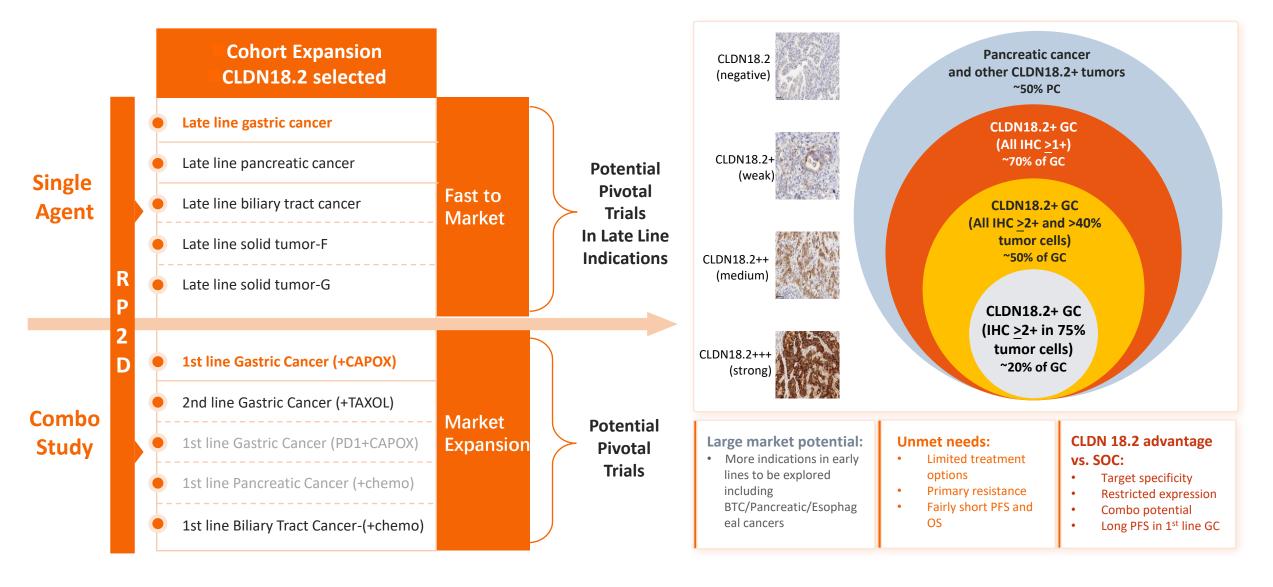
Milestones achieved for pancreatic cancer

- Initiated Ph IIa monotherapy expansion in late line pancreatic cancer and interim data to expect in Q4/22
- To initiate Ph IIa TST001/chemo combo for first line pancreatic cancer



Global Program to Expand Indications beyond Gastric and Pancreatic Cancers

TST001





Significant Progress Made in 2021

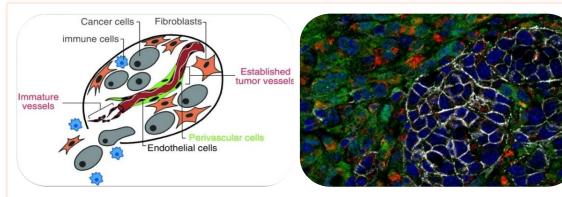
Execution Speed Secured Transcenta's Global #2 Position

Initiated Global Clinical Development	Gained Translational	Completed CMC for	Obtained FDA Orphan
	Insights	Pivotal Trial	Drug Designation
 In April, initiated a Ph1 trial in combo with chemo in 1L gastric cancer (GC) In May, initiated a Ph1 trial in combo with chemo in 2L GC In August, completed monotherapy China Ph1a trial with a confirmed PR in 6 mpk Q3W cohort; initiated a Ph IIa trial for late-line GC In September, initiated a Ph2a trial for late line pancreatic cancer (PDAC) In November, funded an investigator-initiated study in advanced biliary tract cancer (BTC) In December, initiated Ph IIa chemo combo trial for 1L GC with CLDN18.2 over-expression 	 Developed IHC detection assay for patient screen Completed IHC study for CLDN18.2 prevalence and co-expression pattern with PD-L1 in GC and the data revealed that CLDN18.2 overexpressing tumor has low/no PD-L1 expression 	 Locked pivotal trial process and produced pivotal trial material Scaled up intensified perfusion process for GMP commercial manufacturing 	In July, FDA granted orphan drug designation for the treatment of GC/ esophagogastric junction cancer

Enable Global MRCT Pivotal Trial in 2H/2022 (24 months from FIH)



First-In-Class mAb with Anti-tumor Activities in I/O Refractory Tumor Models



Green: Stromal fibroblast Dongre, A., et al Cancer Discovery 2020 DOI: 10.1158/2159-8290.CD-20-0603

Target

TST003

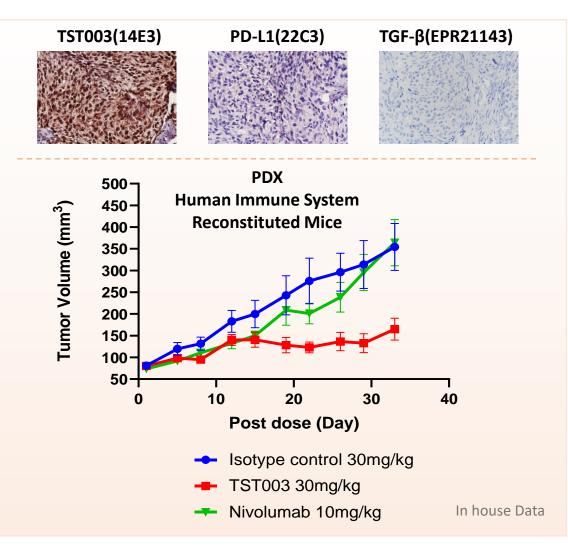
- A novel BMP antagonist
- Highly expressed in stromal cells in tumor microenvironment of multiple tumor types (NSCLC, CRC, ESCC, GC, PC, etc)

Molecule

- A high affinity humanized antibody that can enhance BMP signaling in tumor and promote differentiation
- Significant anti-tumor activities in preclinical studies as mono or combo therapy with CPI and/or other anti-tumor agents.
- Potential applications for PD1 resistant/refractory tumors

Milestone

• IND filing in 2022



Expand into large and untapped opportunities in bone and kidney diseases



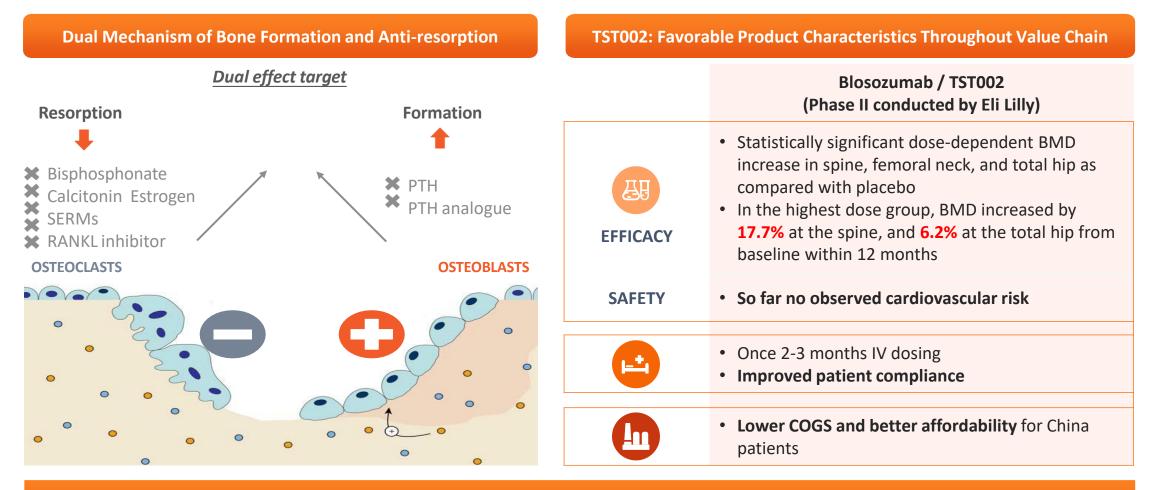
Non-oncology Highlights

- **Highly differentiated pipelines** targeting bone and kidney diseases
- TST002: a humanized sclerostin antibody for postmenopausal osteoporosis and other bone diseases
- TST004: a humanized MASP-2 antibody for IgA nephropathy, TMA, and other complement mediated diseases
- Significant unmet medical needs with large patient population
- Less competition with few effective treatment options
- Indication expansion to maximize market potentials
- ✓ **Partnership** to leverage our core expertise in these disease areas
- Leverage Lilly phase I and phase II clinical data to accelerate development in China with blockbuster potential (TST002)
- Collaborate with Alebund to develop TST004 in kidney disease in Greater China





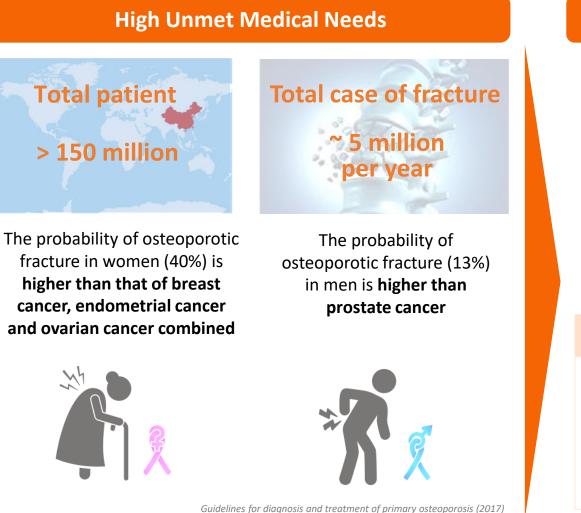
A Monoclonal Antibody Licensed from Eli Lilly with Phase II Data in US and Japan



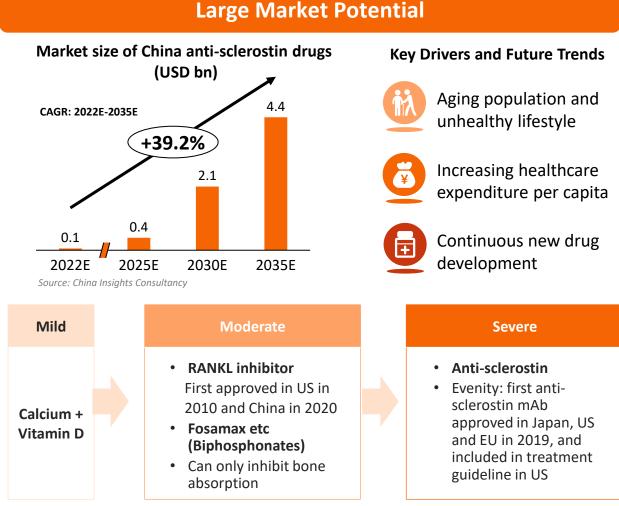
Obtained IND Approval from NMPA in 2021



Osteoporosis is an Increasing Burden on Health and Society



TST002



2.2



Potential Solution for IgAN, A Highly Prevalent Chronic Kidney Disease and Other Complement Mediated Diseases

	Superior Product Profile				
Dosing	Subcutaneous formulationPotentially less frequent dosing				
Binding affinity	 High binding affinity Specific to MASP-2 in the Lectin pathway Only block complement activation from the MBL pathway 				
PK/PD	 Long lasting target inhibition in cynomolgus monkey 				
Dev. plan	 Co-develop with Alebund in China ALEBUND File IND in 2022 				

TST004



Multiple Potential Indications

C3 Glomerulopathy (C3G) IgA nephropathy (IgAN) Lupus nephritis Membranous nephropathy (MN) Atypical Haemolytic Uraemic Syndrome (aHUS)

> Age-Related Macular Degeneration (AMD) Recessive Stargardt Disease (STGD1) Uveitis

Paroxysmal Nocturnal Haemoglobinuria (PNH) Autoimmune Haemolytic Anaemias (AIHA) Thrombotic Microangiopathy (TMA)

Virus infection trigged complements over-action in multi organ injury

Nature Reviews Immunology 2009 Mol Immunol. 2018 Oct;102:89-119.



Successful Joint Venture Partnership Formed

A Joint Venture with Alebund Pharmaceuticals

- Develop and commercialize in renal diseases and other indications in Greater China
- ✓ Joint Venture responsible for China IND filing work and Phase I trial cost

Progress Made

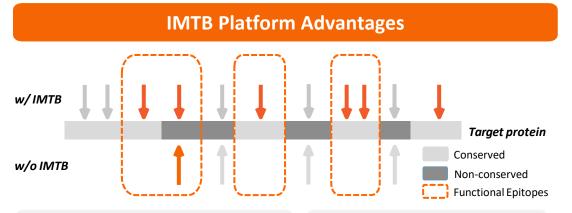
- More potent target inhibition relative to competitor OMS721 with best-in-class potential
- ✓ IND enabling GLP tox studies initiated
- IND enabling preclinical pharmacology studies in progress
- Planned IND filing in 2022

Product Advantage

- A SubQ formulation developed to enhance IgAN patient compliance
- Completed process development and GMP material productions



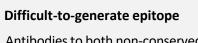
Our Proprietary Antibody Discovery Platform Delivers Candidates with Superior Profiles



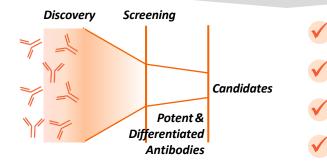
Hidden epitope

Research

Hidden epitopes that are challenging to discover with conventional platforms



Antibodies to both non-conserved and conserved proteins



- More diversified epitopes
- More differentiated antibody with enhanced drug attributes
- **Enhanced IP position**
- **Robust CMC profiles**

Potential FIC & BIC Molecules Discovered

STOO1 (BIC, CLDN18.2)

A potent therapeutic candidate co-developed with specific CDx

- ✓ Target is a highly conserved membrane protein
- Enhanced ADCC mediated tumor-killing
- Potentially boarder cancer indications than peers



A therapeutic candidate targeting a novel immune regulatory protein produced by stromal fibroblasts

- Target is highly conserved secreted protein
- Significant anti-tumor activities in PD1 resistant PDX model
- ✓ Potential to address high unmet needs for multiple tumor types



Shape Up an Innovative and Risk-balanced Pipeline

Win CLDN18.2+ Tumors	Target CPI Resistance	Non-Oncology Diseases	Translational Science
Establish internal expertise in CLDN18.2+ tumor franchise to secure our leading position	Understand CPI resistance mechanisms and discover early pipeline for IO combinations	Focus on the selected targets in bone and kidney diseases with known target-disease linkage	Utilize cutting-edge technologies & platforms to explore target prevalence and tumor microenvironment
 Must-win: TST001+CAPOX in 1L GC/GEJ in CLDN18.2 overexpressing tumors Next wave: TST001 + PD-(L)1 Ab Others: CD3/CLDN18.2 	 Tumor EMT: TST005 Tumor Stromal: TST003 Regulatory T cells: TST010 MDSC: new targets 	 Kidney diseases: TST004 (MASP2) TST008 (MASP2-TACI dual inhibitor) Bone diseases: TST002 (Sclerostin) 	 PDX model Target expression Biomarker /pt selection PK/PD modeling

IMTB: Proprietary Antibody Discovery Platform and Bi-specific Platforms with Plug-and-Play Potential





Partnership Strategy

Engage multi-national pharma/biotech partners to speed up development outside of China and maximize key assets value globally



Business Development



Our Partnerships

Clinical Development Collaboration

- ^t Bristol Myers Squibb[™]
- A global clinical collaboration with BMS to evaluate the combination of TST001 with **Opdivo**[®] (nivolumab) for the treatment of patients with unresectable locally advanced or metastatic GC/GEJ



A Joint Venture with Alebund Pharmaceuticals to develop and commercialize TST004 in renal diseases in Greater China

In-License

Research Collaboration Dana-Farber Cancer Institute 海市职业病防治器



- **Co-development with Merck KGaA**, leveraging our expertise in continuous bioprocessing technology
- A multi-year collaboration to develop automated continuous downstream and other key enabling technologies

Blosozumab Anti-sclerostin mAb

Anti-RANKL-PTH Anti-RANKL/DKK1 mAb-peptide fusion **Bi-specific**

- **In-licensed** Greater China rights (with ROFN for global) for all the bone disease franchise from Eli Lilly
- Transcenta will be responsible for **global commercial** manufacturing





Deliver High Quality Products with High Speed and Low Cost

Experienced Global Team

CMC

- Led by industry veterans from MNC with BLA filing and commercial manufacturing experience
- Fully integrated capabilities from lead molecule to commercial GMP manufacturing

Advanced Bioprocessing Platform

- Global leader in continuous bioprocessing
- Industry leading intensified perfusion platform, > 10-fold output increase
- Multi-year partnership with Global MNC

High Output and Flexible Plant

- **T-BLOC** highly flexible modular design, low up-front cost, fast to build and to expand capacity
- **Commercial scale** GMP production with **ICB**





Strong Execution with Increased Efficiency and Commercial Launch Readiness

Strong project execution, expanding capacity

• Achieved **100% success rate** in project execution in 2021

- Added 2,000L SUB and a fill/finish line
- **T-BLOC** commercial launch prep in progress
- Secured land for future capacity expansion

Provide high quality CDMO services

- **High quality** CDMO provider with perfusion processing expertise
- Generated external revenue since 2018 to offset R&D expenditure and improved utilization

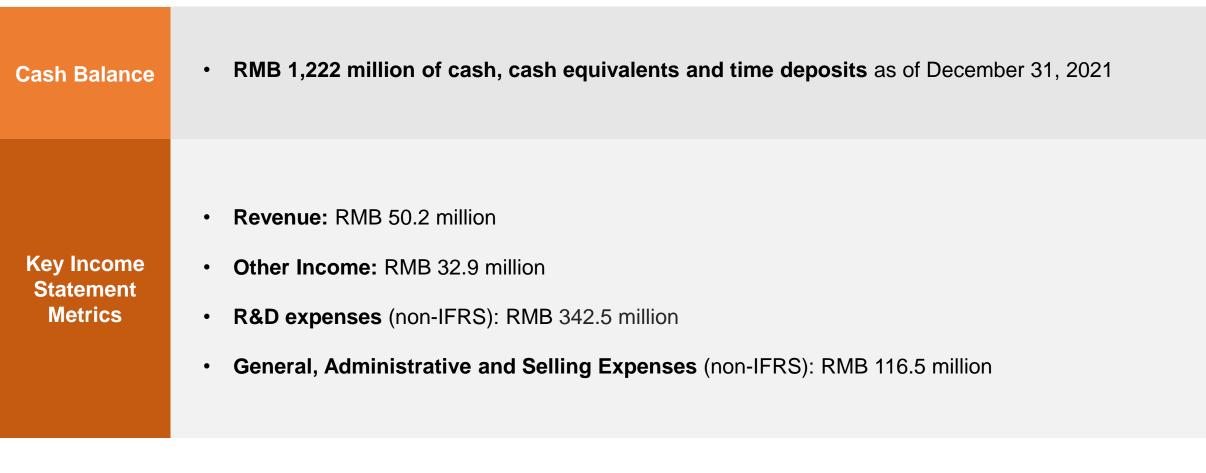
Advance Manufacturing Platform to increase speed, quality and lower costs

- Demonstrated Industry Leading productivity of > 6 g/L-day, > 10-fold output increase compared to conventional fed-batch
- Scaled up GMP intensified perfusion process to commercial scale for TST001
- Completed design and fabrication of Industry's first automated flow-through polishing continuous DSP equipment
- Established collaborated with Merck

TRANSCENTA INNOVATE TO EXCEL











Clinical Development

- Initiate global phase III trial for TST001 for CLDN18.2 over-expressing GC in 2H22
- Interim Data Readout for TST001 in late line GC in Q4/22 and 1st line GC in 1H23
- Advance first-in-class asset TST003 to enter clinical development for PD1 resistant tumors in 2022

Discovery and Translational Research

- Evaluate multiple innovative programs targeting multiple pathways to address PD1 resistance
- Advance two novel molecules into clinical development in 2022 and one each beyond 2022

Business Development

- Deliver milestones for existing product partnerships (TST002, TST004)
- Establish new partnerships to maximize the value of our leading assets

CMC and Manufacturing

- Implement automated continuous processing technology to further reduce manufacturing cost of goods
- Initiate TST001 BLA enabling CMC work and prepare for commercial launch
- Grow CDMO business and expand manufacturing capacity as needed to meet product demand

Commercialization

- Develop commercial strategy for first product launch
- Build GI cancer franchise through internal pipeline development and strategic partnership



Email: ir@transcenta.com