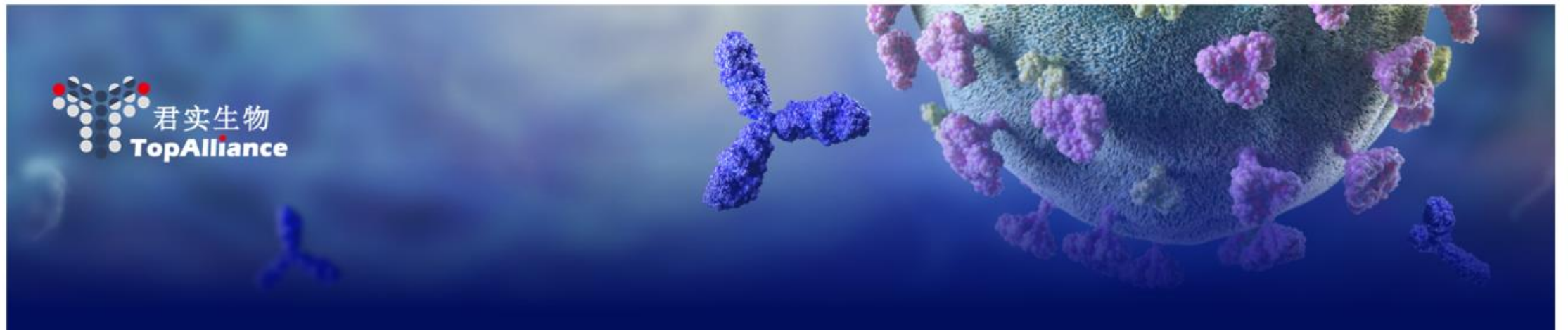


# Interim Results and Investor Presentation

Shanghai Junshi Biosciences Co., Ltd.

August, 2021



# Disclaimer

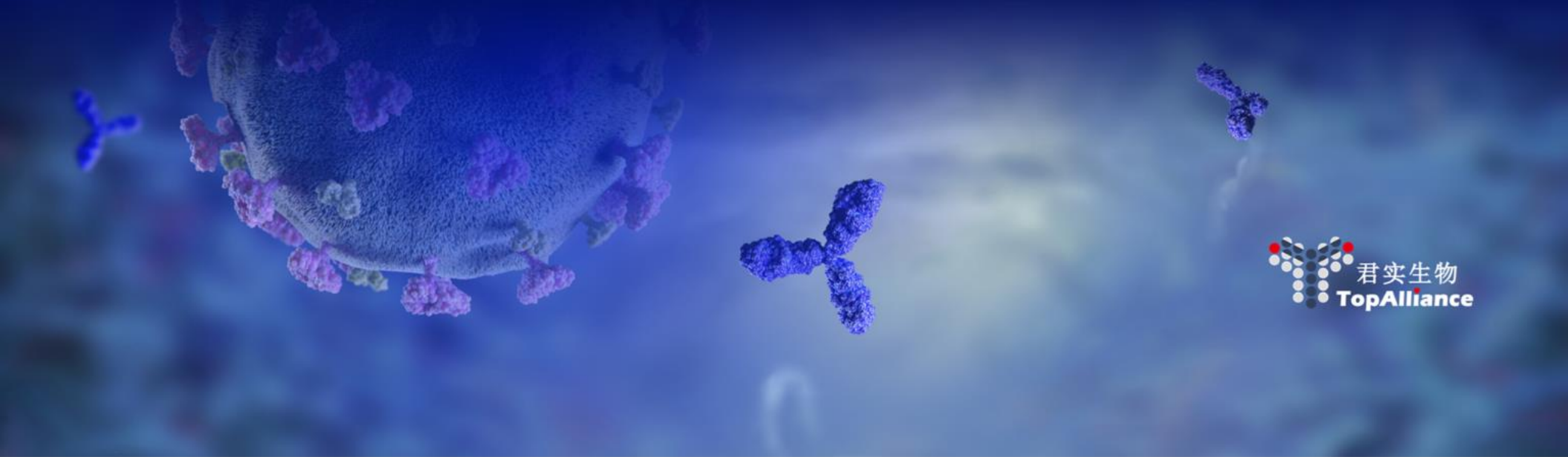
The information, statements and opinions contained in this Presentation and subsequent discussion (if any) do not constitute an offer to sell or solicitation of any offer to subscribe for or purchase any securities or other financial instruments or any advice or recommendation in respect of such securities or other financial instruments in any jurisdiction. In particular, this Presentation is not an offer of securities for sale nor a solicitation of an offer to buy securities.

Potential investors and shareholders of the Company (the “Potential Investors and Shareholders”) are reminded that information contained in this Presentation and subsequent discussion (if any) comprises extracts of operational data and financial information of the Group for the twelve months ended 30 June 2021. The information included in this Presentation and subsequent discussion (if any), which does not purport to be comprehensive nor render any form of financial or other advice, has been provided by the Group for general information purposes only and certain information has not been independently verified. It may not contain all of the information that you may consider material. No representations or warranties, expressed or implied, are made as to, and no reliance should be placed on, the fairness, accuracy, completeness or correctness of the information, statements or opinions presented or contained in this Presentation and any subsequent discussions or any data which such information generates. Potential Investors and Shareholders should refer to 2021 Interim Result Announcement for the unaudited results of the Group which are published in accordance with the Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited

The performance data, the results of operations and the clinical development of the drug candidates of the Group contained in this Presentation and subsequent discussion (if any) are historical in nature, and past performance is no guarantee of the future results of the Group. Any forward-looking statements and opinions contained in this Presentation and subsequent discussion (if any) are based on current plans, beliefs, expectations, estimates and projections at the date the statements are made, and therefore involve risks and uncertainties. The words “aim”, “anticipate”, “believe”, “could”, “continue”, “expect”, “estimate”, “going forward”, “intend”, “may”, “plan”, “predict”, “project”, “potential”, “seek”, “will”, “would”, the negative of these terms and similar expressions, as they relate to us, are intended to identify forward-looking statements. There can be no assurance that any of the matters set out in such forward-looking statements are attainable, will actually occur or will be realised or are complete or accurate. Actual results may differ materially and/or adversely from those stated, implied and/or reflected in such forward-looking statements and opinions. The Group, affiliates, the Directors, officers, employees, agents, representatives and advisers of the Group assume (a) no obligation to correct, update or supplement the forward-looking statements or opinions contained in this Presentation and subsequent discussion (if any), whether as a result of new information, future events or otherwise; and (b) no liability in the event that any of the forward-looking statements or opinions do not materialise or turn out to be incorrect

This Presentation may also contain estimates and other statistical data made by independent parties and by us relating to market size and growth and other data about our industry. This data involves a number of assumptions and limitations, and you are cautioned not to give undue weight to such estimates. Neither we nor any other person makes any representation as to the accuracy or completeness of such data or undertakes any obligation to update such data after the date of this Presentation. In addition, projections, assumptions and estimates of our future performance and the future performance of the markets in which we operate are necessarily subject to a high degree of uncertainty and risk

Potential Investors and Shareholders should exercise caution when investing in or dealing in the securities of the Company. Any person who is in doubt about his/her/its position or any action to be taken is recommended to consult his/her/its own professional adviser(s)



# **PART1: H1 2021 Highlights**

Our mission is to provide patients with treatment options that work better and cost less

# Financial Highlights

	<b>HY 2021</b> RMB million	<b>HY 2020</b> RMB million	<b>Changes</b>
Revenue	<b>2114</b>	575	<b>268%</b>
R&D expenses	<b>947</b>	709	<b>34%</b>
Profit	<b>11</b>	-598	<b>Turnaround</b>
Net cash from operating activities	<b>48</b>		
Net cash from financing activities	<b>2028</b>		

- **The increase in total revenue** was mainly due to the growth of revenue from out-licensing income.
- **The increase in R&D expenses** was mainly due to: (i) continued increasing investment in in-house R&D projects to ensure the promising progress of pivotal clinical trials and pre-clinical studies; and (ii) the expanded innovative R&D fields, more R&D collaborations and license-in activities which are further developing and enriching our product pipelines.
- **The turnaround in profit** was mainly due to the significant increase in revenue.
- **The positive net cash flow from operating activities** was mainly due to our revenue growth.

# Business Highlights

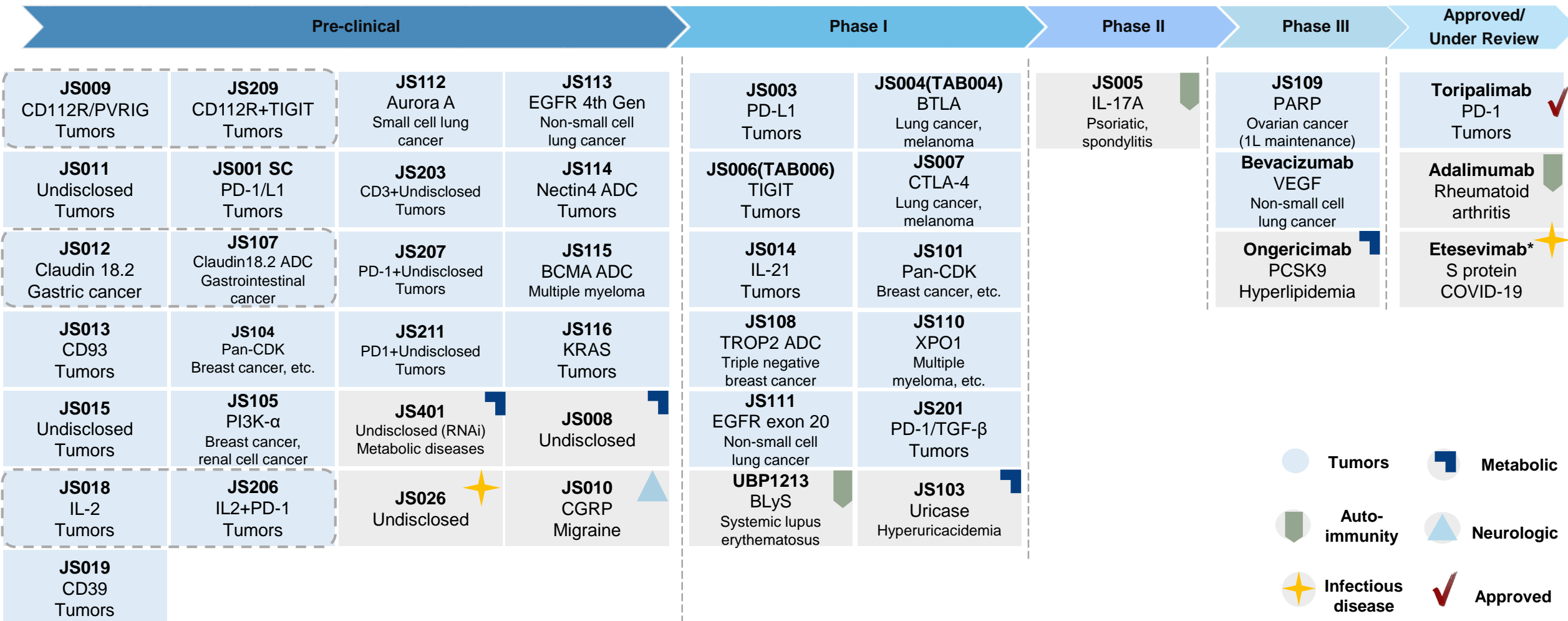


	Jan.	Feb.	Mar.	Apr.	May.	Jun.	After the Interim
<b>Toripalimab</b>		1L NPC Combo with chemo NMPA NDA accepted	1L MM Combo with axitinib NMPA BTD	2L UC Mono NMPA NDA approved	1L SCLC Enrollment completion	HCC adjuvant Enrollment completion	1L ESCC Combo with paclitaxel/cisplatin NMPA NDA accepted
	China	3L NPC Mono NMPA NDA approved		1L ESCC Combo with paclitaxel/cisplatin Reached pre-specified primary endpoints			
		Entered into an exclusive promotion agreement with AstraZeneca					
	Overseas	1L MM Combo with axitinib FDA FTD		NPC FDA rolling submission & rolling review	AACR 2021 3 research results selected		ASCO 2021 Plenary session Oral Presentations
	1L MM Combo with axitinib Phase III	Explore oversea market through cooperation with Coherus					1L NSCLC WCLC 2021
<b>Etesevimab</b>		COVID-19 Combo with bamlanivimab FDA EUA					
<b>Other product candidates</b>	TAB006/JS006 TIGIT NMPA IND approved	TAB006/JS006 TIGIT FDA IND approved	JS103 Pegylated uricase derivative NMPA IND accepted	JS110 XPO1 NMPA IND approved	JS103 Pegylated uricase derivative NMPA IND approved	JS007 CTLA-4 NMPA IND approved	JS201 PD-1/TGF-β The dosing of the first patient completed
		JS110 XPO1 NMPA IND accepted	JS007 CTLA-4 NMPA IND accepted	JS111 EGFR Exon 20ins NMPA IND approved		JS014 IL-21 NMPA IND accepted	JS111 EGFR Exon 20ins The dosing of the first patient completed
		JS111 EGFR Exon 20ins NMPA IND accepted					UBP1213sc BLyS NMPA IND accepted
		JS201 PD-1/TGF-β NMPA IND accepted					
<b>Other corporate development</b>		A shares & H shares included in Northbound Trading under SH-HK Stock Connect and the Stock Connect Southbound Trading	A shares included in the STAR 50 index, the FTSE Global Equity Index H shares included in several Hang Seng Indexes			New H shares issued	Alliance with Immorna  A shares will be included in the MSCI China A Onshore Index

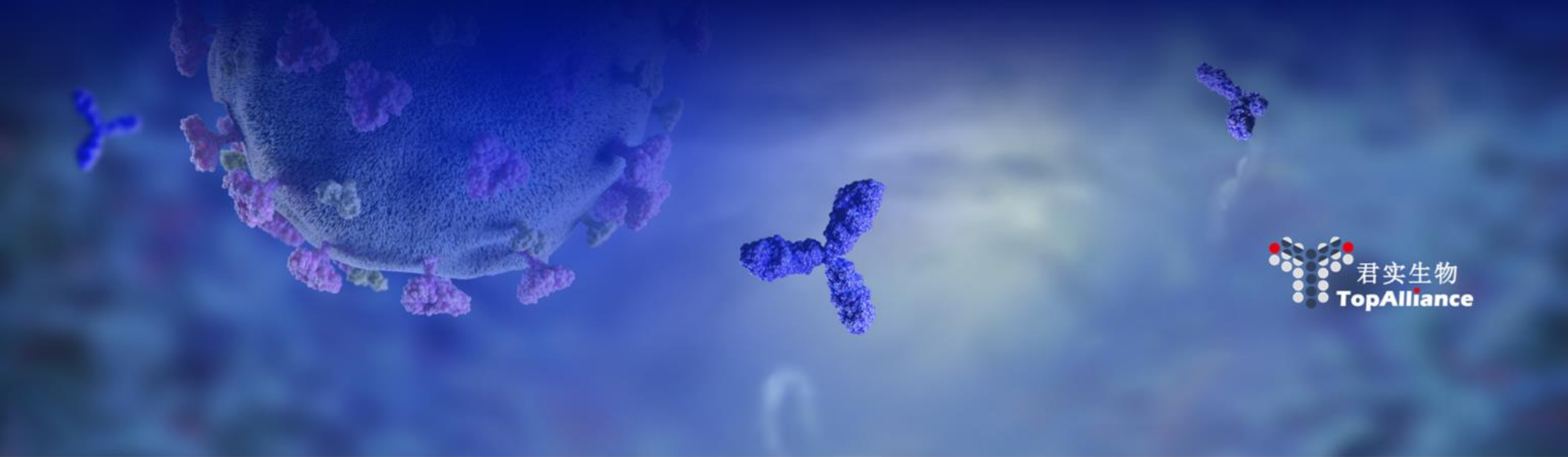
# R&D Progress of Toripalimab

Therapeutic Area	Medicine Codes	Clinical Trial Number	Indications	Pre-Clinical	Phase I	Phase II	Phase III	NDA	Locations	Note	
Oncology	JS001 Toripalimab	NCT03013101	Melanoma (2L, mono)	Approved on 17 December 2018						China	
		NCT02915432	Nasopharyngeal carcinoma (3L, mono)	NDA approved by NMPA in February 2021, and BLA submitted to FDA						China	FDA BTD and ODD
		NCT03113266	Urothelial carcinoma (2L, mono)	NDA Approved by NMPA in April 2021						China	
		NCT03581786	Nasopharyngeal carcinoma (1L, combo with chemo)	NDA Accepted						Global	FDA BTD NMPA Priority Review
		NCT03829969	ESCC (1L, combo with chemo)	NDA Accepted						China	
		NCT03856411	EGFR negative NSCLC (1L, combo with chemo)	Pivotal registered clinical trial						China	Phase III data readout
		NCT03924050	EGFR mutated TKI failed NSCLC (combo with chemo)	Pivotal registered clinical trial						China	
		NCT04772287	NSCLC (neoadjuvant)	Pivotal registered clinical trial						China	
		NCT04012606	SCLC (1L, combo with chemo)	Pivotal registered clinical trial						China	Completed subjects enrollment
		NCT04848753	ESCC (neoadjuvant)	Pivotal registered clinical trial						China	
		NCT03430297	Melanoma (1L, mono)	Pivotal registered clinical trial						China	
		NCT04085276	TNBC (combo with albumin-bound paclitaxel)	Pivotal registered clinical trial						China	
		NCT04523493	HCC (1L, combo with lenvatinib)	Pivotal registered clinical trial						Global	
		NCT04723004	HCC (1L, combo with bevacizumab)	Pivotal registered clinical trial						Global	
		NCT03859128	HCC (adjuvant)	Pivotal registered clinical trial						China	Completed subjects enrollment
		NCT02915432	Gastric carcinoma (3L, mono)	Pivotal registered clinical trial						China	
		NCT04394975	Renal cell carcinoma (1L, combo with axitinib)	Pivotal registered clinical trial						China	
NCT04568304	Urothelial carcinoma (1L, PD-L1+)	Pivotal registered clinical trial						Global			
		/	Mucosal melanoma (combo with axitinib)						U.S.	FDA FTD ODD ; NMPA BTD	
		NCT03474640	Sarcoma						U.S.	FDA ODD	

# R&D Pipelines Covering a Wide Variety of Therapeutic Areas



\*Received Emergency Use Authorization from FDA

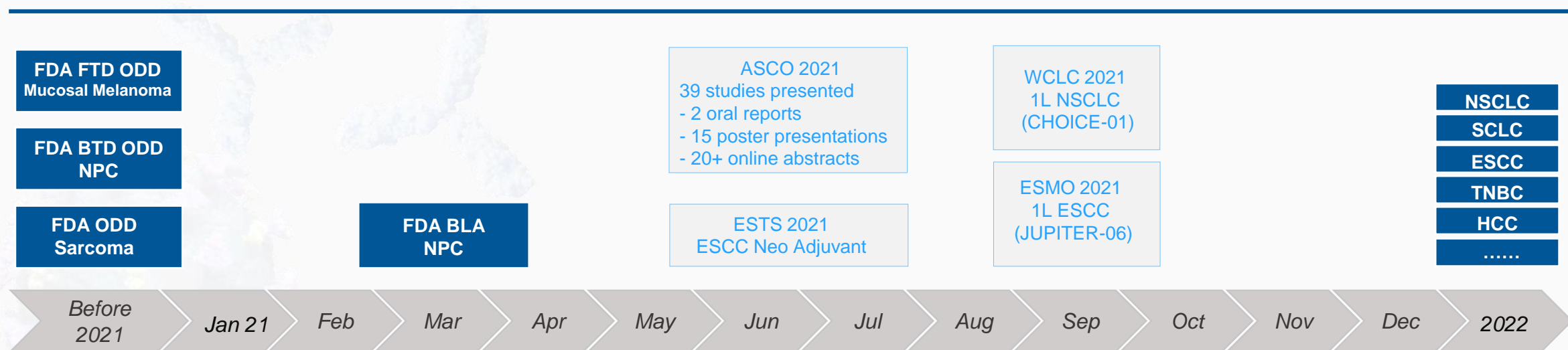


## **PART2: Helping Patients Worldwide**

Our mission is to provide patients with treatment options that work better and cost less



# International Recognition and Overseas Progress of Toripalimab



Progress of overseas clinical trials

Academic achievements

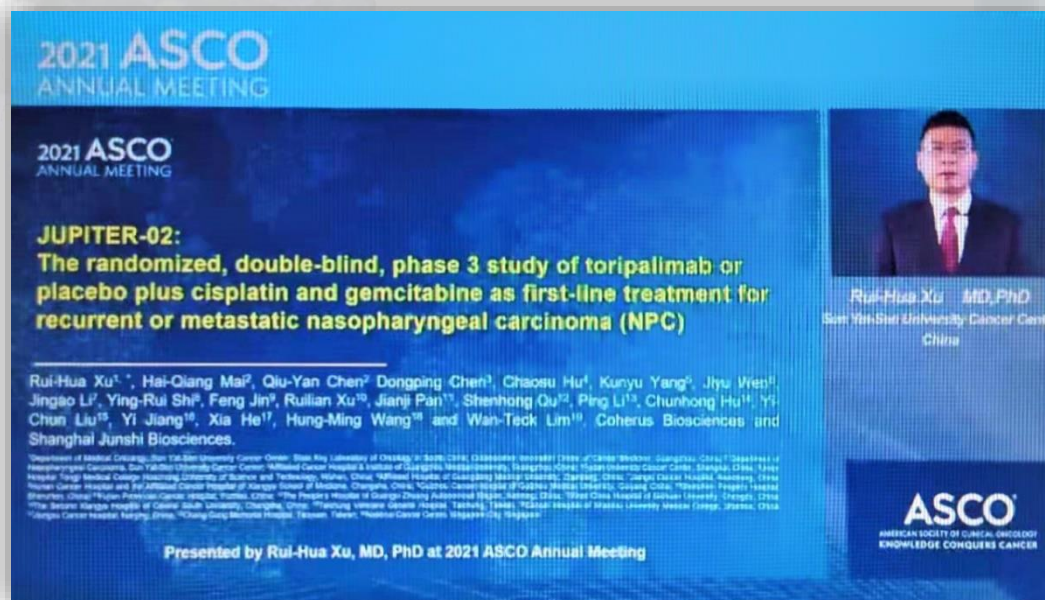
## Prevalence

Indications	China	Northern American	Europe	South-Eastern Asia	Others
LC	883,100	328,224	582,924	134,378	676,165
HCC	338,106	39,797	68,095	82,593	267,040
ESCC	313,121	23,544	57,655	13,998	191,432
NPC	186,908	7,756	17,323	101,117	69,403
TNBC	139,010	118,911	213,812	49,179	258,160
Melanoma	22,281	368,049	517,196	8,954	176,338

Source : WHO 2020

# ASCO 2021 Publications of Toripalimab

- 2021 American Society of Clinical Oncology (ASCO) Annual Meeting was held between **04 - 08 June 2021**
- **39** research results of toripalimab were accepted for ASCO 2021, describing the antitumor activities observed from more than 10 cancer types of the nasopharynx, skin, lung, stomach, esophagus, liver, biliary duct, head and neck, and pancreas



## ✓ 2 Oral Presentations

- JUPITER-02 study **oral report in plenary session** (#LBA2)
- Neoadjuvant toripalimab + axitinib for resectable mucosal melanoma (#9512)

## ✓ 15 Poster Presentations

- Neoadjuvant toripalimab + chemotherapy in NSCLC (#8541)
- Perioperative toripalimab in combination with FLOT for resectable gastric/GEJ adenocarcinoma (#4050)
- LTHAIC study (#4083)
- 1L ICC (#4094, #4099)
- ...

## ✓ 20+ Online Abstracts

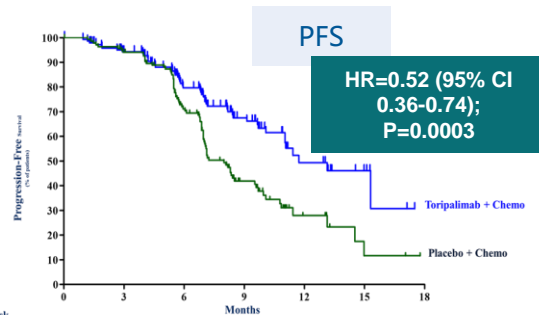
# ASCO #LBA2: Toripalimab in 1L NPC

- In Feb 2021, the supplemental NDA application of toripalimab in combination with chemotherapy for the first-line treatment of patients with advanced, r/m NPC was accepted by the NMPA.
- The data of toripalimab in 1L NPC was featured at ASCO 2021 in the plenary session on Sunday, June 6, 2021.
- JUPITER-02 is the first international Phase III trial to prove the addition of toripalimab to GP as a first-line treatment for r/m NPC patients provided superior PFS and OS than GP alone.

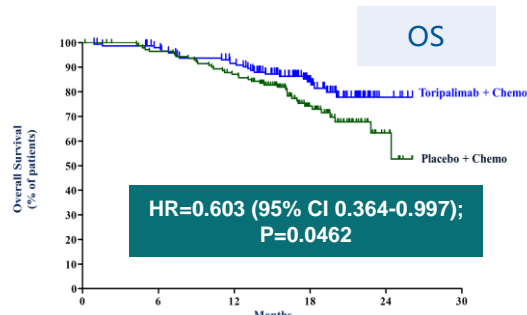
## □ Efficacy

- Significant improvement in PFS: mPFS 11.7 vs. 8.0 months
- mOS: not mature, but a 40% reduction in risk of death was observed in the toripalimab arm over the placebo arm
- A second interim OS analysis will be performed at pre-specified final PFS analysis followed by the final OS analysis

	No. of Events/ Total No. of Patients	Median Progression-free Survival, months (95% CI)	1-Yr Progression- free Survival Rate, % (95% CI)	No. of Deaths/ Total No. of Patients	Median Overall Survival (95% CI) mo	1-Yr Overall Survival Rate % (95% CI)	2-Yr Overall Survival Rate % (95% CI)
Toripalimab + Chemo	49/146	11.7 (11.0, NE)	49.4 (36.4, 61.1)	25/146	NE (NE, NE)	91.6 (85.6, 95.1)	77.8 (68.0, 85.0)
Placebo + Chemo	79/143	8.0 (7.0, 9.5)	27.9 (18.0, 38.8)	39/143	NE (22.8, NE)	87.1 (80.4, 91.7)	63.3 (49.8, 74.1)



Interim Analysis Data cut-off Date: May 30, 2020



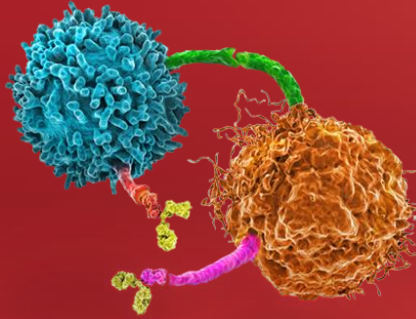
9-month OS update after PFS Interim Analysis on Feb 18, 2021

- ORR: 77.4% vs. 66.4%

Characteristic (%)	Toripalimab + GP (N=146)	Placebo + GP (N=143)
Objective Response Rate <sup>a</sup>	77.4	66.4
95% CI	(69.8, 83.9)	(58.1, 74.1)
<i>P</i> value	0.0335	
Best Overall Response <sup>a</sup>		
Complete Response	19.2	11.2
Partial Response	58.2	55.2
Stable Disease	10.3	13.3
Progressive Disease	3.4	5.6
Not evaluable	6.2	5.6
Non-CR/non-PD <sup>b</sup>	2.7	8.4
No evidence of disease <sup>c</sup>	0	0.7
Median DoR, (95%CI), months	10.0 (8.8, NE)	5.7 (5.4, 6.8)
HR (95%CI)	0.50 (0.33-0.78)	
<i>P</i> value	0.0014	

## □ Safety

- No new safety signals were identified with toripalimab added to GP



Junshi Biosciences grants Coherus the exclusive license to Toripalimab and two option programs in the U.S. and Canada. Junshi also grants certain negotiation rights to Coherus for two additional checkpoint inhibitor antibodies.

*Data-driven sales——  
the core of overseas market*

## Key Contents of the Agreement



- An aggregate of US\$1.11 billion of upfront payments, exercise fees and milestone payments
- 20% royalty on annual net sales
- Exclusive rights of toripalimab in US and Canada
- Options to JS006 and JS018-1
- Negotiation rights for two additional checkpoint inhibitor antibodies
- Establishing a joint development committee
- A maximum of US\$25 million R&D expenses per project per year

## Upcoming Catalysts



- **Clinical Data:** Data from toripalimab pivotal clinical program, TIGIT/PD-1 combination and other potential combination trials
- **Publications:** Abstracts in medical conferences such as ASCO and SITC, 5-year publication plan in both mono and combo settings
- **FDA Filings:** BLA filing of NPC with BTD, multiple additional filings and PDUFA actions in rare and prevalent indications
- **Commercial Launches:** Multiple U.S. launches expected between 2022 and 2026

# Toripalimab in Lung Cancer

The global prevalence of lung cancer in 2020: China(883,100), Northern America(328,224), Europe (582,924), Others(810,543)

## NSCLC (1L, chemo combo)

Total enrollment: 465 patients

Primary Endpoint: PFS

Key Sec. Endpoints: OS, ORR

### Status:

- Dec 2020: Met primary endpoint of PFS at interim analysis
- Sep 2021: Data to be presented at WCLC

## EGFR mutated TKI failed NSCLC (1L, chemo combo)

Total enrollment: 350 patients

Primary Endpoint: PFS

Key Sec. Endpoints: OS, ORR

### Status:

- Enrollment completion expected by year end
- Data expected in 2022

## NSCLC (neoadjuvant)

Total enrollment: 406 patients

Primary Endpoint: mPR

Key Sec. Endpoints: EFS

### Status:

- Enrollment completion expected by year end
- Final data expected in 2022

## SCLC (1L, chemo combo)

Total enrollment: 420 patients

Primary Endpoint: PFS, OS

Key Sec. Endpoints: ORR

### Status:

- Enrollment complete
- Final data expected in 2022

# Additional Toripalimab Studies with Data through 2022

## ESCC (1L, chemo combo)

Total enrollment:	500 patients
Primary Endpoint:	PFS, OS
Key Sec. Endpoints:	ORR

### Status:

- Feb 2021: Met primary PFS and OS endpoints at interim analysis
- Sep 2021: Data to be presented at ESMO

Global prevalence: China(313,121), Northern America (23,544), Europe(57,655), Others(205,430)

## TNBC (1L, chemo combo)

Total enrollment:	660 patients
Primary Endpoint:	PFS
Key Sec. Endpoints:	OS, ORR

### Status:

- Enrollment completion expected by year end
- Final data expected in 2022

Global prevalence: China(139,010), Northern America (118,911), Europe(213,812), Others(307,339)

## HCC (adjuvant)

Total enrollment:	402 patients
Primary Endpoint:	RFS
Key Sec. Endpoints:	TTR, OS

### Status:

- Enrollment completion expected by year end
- Data readout expected in 2022

Global prevalence : China(338,106), Northern America (39,797), Europe(68,095), Others(349,633)

## HCC (1L, lenvatinib combo)

Total enrollment:	519 patients
Primary Endpoint:	PFS, OS
Key Sec. Endpoints:	ORR

### Status:

- Enrollment completion expected by year end
- Data readout expected in 2022

## Covid-19 NAb —Etesevimab

### *Many firsts, China speed*

- Compressing the normal pre-clinical research time of antibody from 18 months to less than **4** months
- The **1st** report to evaluate the function of NABs against SARS-CoV-2 in nonhuman primates
- The **1st** clinical trial on a NAb for COVID-19 carried on healthy subjects
- The **1st** NAb for COVID-19 to enter the clinical trial in China
- The **1st** Chinese-developed innovative biological drug approved for use in the U.S.
- The **1st** Chinese innovative drug recommended by NIH
- The **1st** Chinese-developed monoclonal antibody purchased by the U.S. government

### *EUA is granted in many countries and regions*

- As of this announcement, **more than 12 countries and regions** have granted EUA for the combination therapy.

### *Active against multiple variants (including Delta variants)*

- According to the paper *Tackling COVID-19 with neutralizing monoclonal antibodies* published in *CELL* in June 2021, as well as *the Reduced sensitivity of SARS-CoV-2 variant delta to antibody neutralization* published in *Nature* in June 2021, the combination therapy is effective against **B.1.1.7/Alpha variants** (first identified in Britain) as well as **B.1.617.1/Kappa and B.1.617.2/Delta variants** (first identified in India).



# Continue Exploration at the Academic Frontier

As of August 11, 2021, 48 papers of Toripalimab have been published in SCI journals with a cumulative impact factor of 469.20



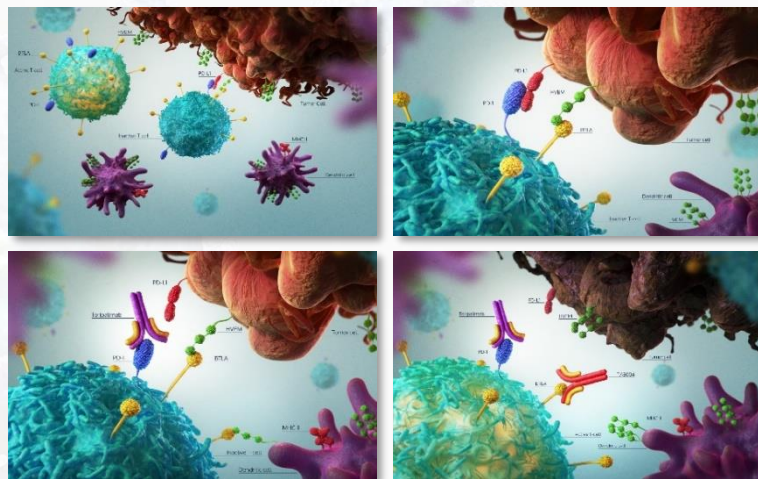


# **PART3: New Targets, New Molecules and New Platforms**

Our mission is to provide patients with treatment options that work better and cost less

# JS004/TAB004: the World's First-in-human Anti-BTLA Monoclonal Antibody

JS004/TAB004 binds to BTLA receptor and blocks negative signaling, promoting antigen-specific T cell response and working synergistically with toripalimab



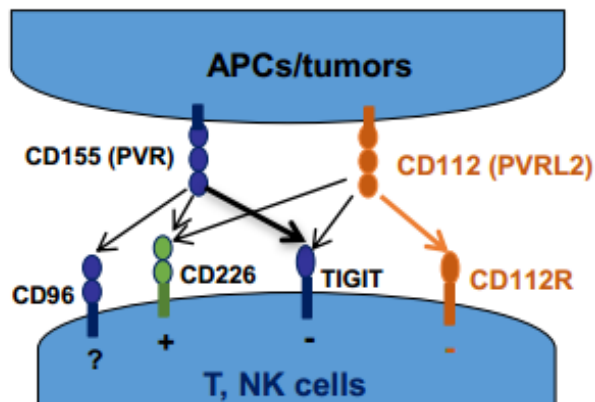
## Prevalence

Indications	China	Northern American	Europe	Others
Lung	883,100	328,224	582,924	810,543
Lymphoma	283,604	305,299	467,338	769,359
HNSCC	191,524	182,911	432,734	1,019,093
NPC	186,908	7,756	17,323	170,520
TNBC	139,010	118,911	213,812	307,339
Melanoma	22,281	368,049	517,196	185,292

Source : WHO 2020

Region	Study	Ongoing Clinical Trial	Indication	Design	N	2020 Q4	2021 Q1	2021 Q2	2021 Q3
US	TAB004	1	Advanced Solid Malignancies and Lymphoma	Dose Escalation and Expansion TAB004 Monotherapy	~500	Complete dose escalation			
				Dose Escalation and Expansion TAB004+ Toripalimab Combination				Start dose escalation	
China	JS004	5	Advanced Solid Malignancies (Including: Melanoma, HNSCC, NPC, LC) and Lymphoma	Dose Escalation and Expansion TAB004 Monotherapy	~632	Complete dose escalation			
				Dose Escalation and Expansion TAB004+ Toripalimab Combination				Start dose escalation	

# New Immune Checkpoint Inhibitor: JS009/TAB009 Anti-CD112R Monoclonal Antibody



## CD112R: A new immune checkpoint pathway discovered by Junshi from the origin

- CD112R(PVRIG), an inhibitory immune checkpoint
- Treatment of T cells with anti-CD112R in combination with PD-1 or TIGIT inhibitors further increased T cell activation and improved the efficacy of clinical treatment

### Comparable Transactions

	Drug	Date	Licensor	Licensee/ Collaborator	Details
SRF813	CD112R mAb	2020.12	Surface Oncology	GSK	\$815 million total potential value have rights to develop and commercialize SRF813
COM701	CD112R mAb	2018.10	Compugen	BMS	BMS makes a \$12 million equity investment in Compugen enter into a clinical trial collaboration to evaluate COM701 in combination with nivolumab in patients with advanced solid tumors

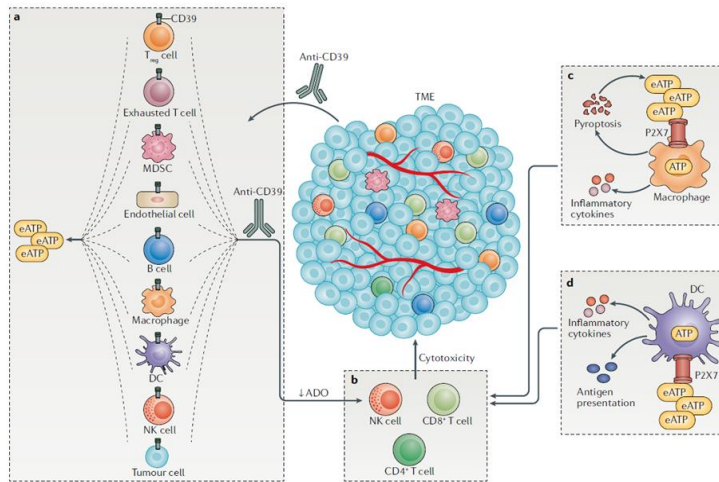
### Prevalence

Indications	China	Northern American	Europe	Others
Colorectum	1,416,426	554,680	1,536,168	1,746,061
Lung	883,100	328,224	582,924	810,543
Oesophagus	347,912	26,160	64,061	228,255
Cervixuteri	297,278	47,675	172,721	977,537
Lymphoma	283,604	305,299	467,338	769,359
Brain, central nervous system	214,529	85,937	197,846	338,840
TNBC	139,010	118,911	213,812	307,339

Source : WHO 2020

# JS019 — Anti-CD39 Monoclonal Antibody with Special MoA

## JS019 CD39 Tumor microenvironment regulation



### Prevalence

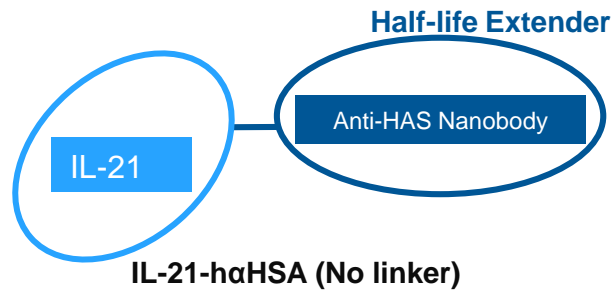
Indications	China	Northern American	Europe	Others
Lung	883,100	328,224	582,924	810,543
Stomach	688,588	50,387	213,013	853,980
Thyroid	733,227	243,888	325,708	682,104
Lymphoma	283,604	305,299	467,338	769,359
Kidney	187,205	236,359	405,983	378,000
Ovary	149,686	80,532	190,105	402,992
Pancreas	95,527	49,358	103,072	132,001

Source : WHO 2020

### Comparable Transactions

	Drug	Date	Licensors	Licensee	Details
IPH5201	CD39 mAb	2018.10	Innate	AstraZeneca	\$50 million upfront + milestones + royalties have rights to develop and commercialize IPH5201
TJD5	CD73 mAb	2018.01	I-Mab	Kalbe Genexine Biologics	\$340 million total potential value have rights to develop and commercialize two product candidates, including TJD5
CB-708	CD73 small molecule inhibitor	2021.05	Calithera Biosciences	Antengene	\$255 million total potential value have rights to develop and commercialize CB-708

# JS014 — the World's First Long-acting IL-21



*JS014, a re-engineered IL-21 with improved pharmacological properties, enters the clinical stage*

- Significantly increased half-life and exposure
- Improved stability and developability
- Single agent antitumor activity & synergistic with other therapeutic antibodies
- **In June 2021, the IND application for the JS014 has been accepted by the NMPA**

## Comparable Transactions

	Data	Licensor /Acquiree	Licensee /Acquirer	Details
NKTR-214	2018.02	Nektar	BMS	\$ 1.85 billion upfront + \$ 1.78 billion in milestones have global rights of NKTR-214 Nektar: BMS=65%: 35%
THOR-707	2019.12	Synthorx	Sanofi	\$2.5 billion total deal value Synthorx's lead product candidate THOR-707 and other earlier-stage cytokine programs

## Prevalence

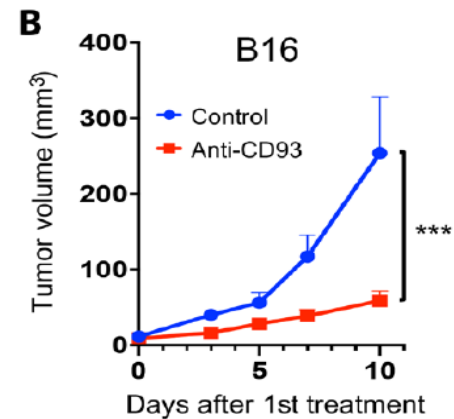
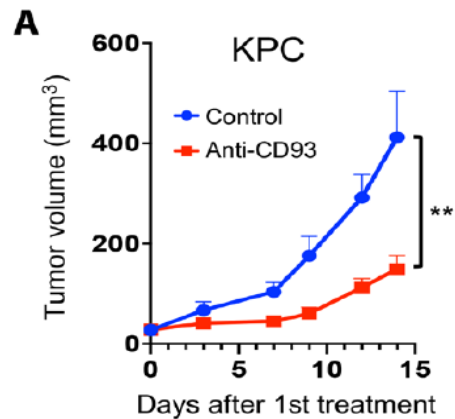
Indications	China	Northern American	Europe	Others
Lung	883,100	328,224	582,924	810,543
Lymphoma	283,604	305,299	467,338	769,359
Bladder	235,393	300,556	655,264	529,412
Brain, central nervous system	214,529	85,937	197,846	338,840
Kidney	187,205	236,359	405,983	378,000
TNBC	139,010	118,911	213,812	307,339
Melanoma	22,281	368,049	517,196	185,292

Source : WHO 2020

# CD93 — New Emerging Target in Cancer Immunotherapy

- CD93 is one of the top genes in a previously reported human primary tumor angiogenesis gene signature, and CD93 overexpression in tumor vasculatures has been observed in many solid tumors, including pancreas cancer, kidney cancer, head and neck cancer, and colon cancer.
- Blockade of the CD93 pathway normalizes tumor vasculature to facilitate drug delivery and immunotherapy.

**Anti-CD93 inhibits tumor growth**



**Prevalence**

Indications	China	Northern American	Europe	Others
Colorectum	1,416,426	554,680	1,536,168	1,746,061
Head and neck	212,805	203,234	480,815	1,132,326
Kidney	187,205	236,359	405,983	378,000
Pancreas	95,527	49,358	103,072	132,001

Source : WHO 2020

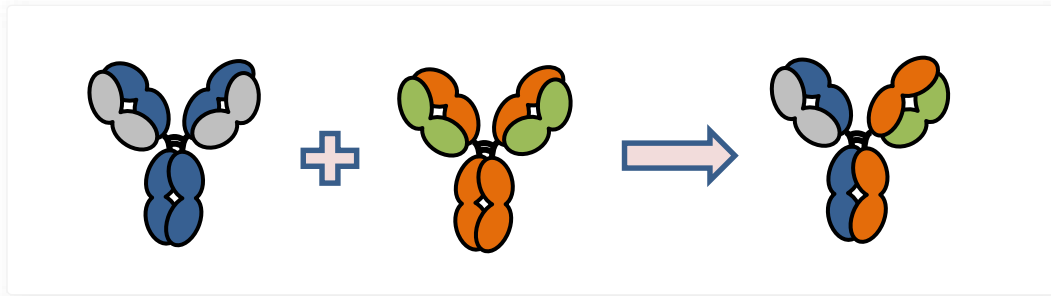
# Deploy Bispecific Antibodies

**Mature mAb platform technology:** Develop mAb against different targets based on mature mAb platform technology and develop BsMAb with multiple MoA

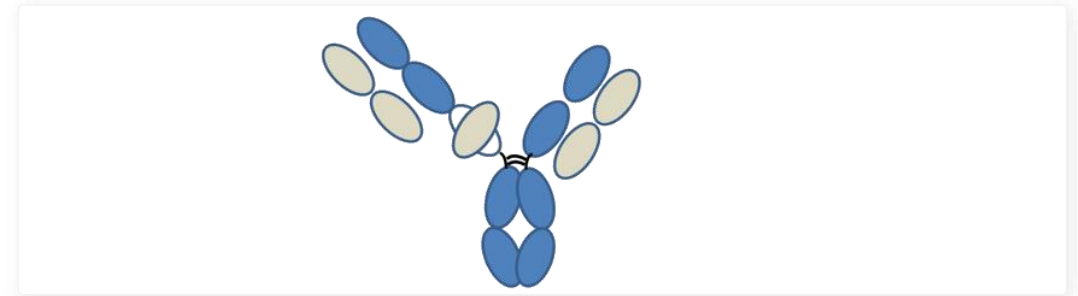
**Comprehensive evaluation system:** Form a comprehensive set of BsMAb evaluation systems for different MoA, which can evaluate BsMAb with multiple MoA

## Multiple Formats of BsMAb

- In vitro recombinant “1+1” platform technology



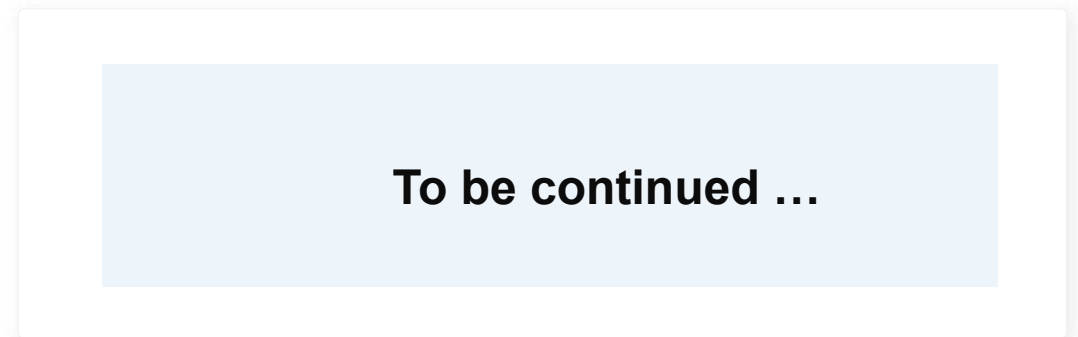
- ScFv-based “2+1” asymmetric platform technology



- ScFv-based “2+2” symmetric platform technology



- Other novel formats

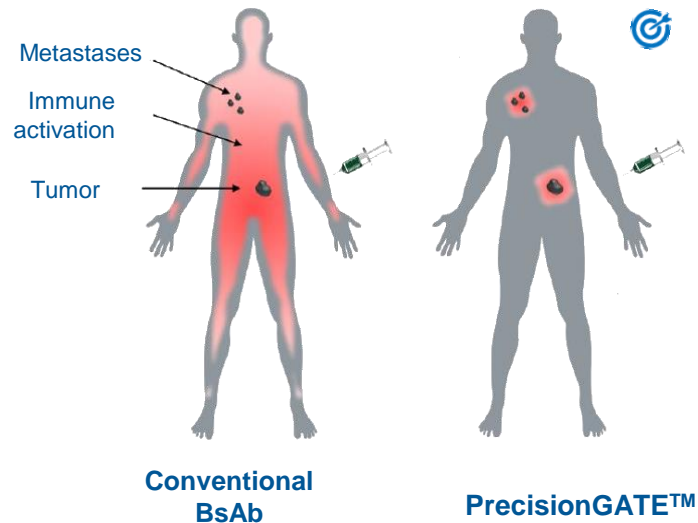


# The Next-generation of T-cell Engaging Cancer Immunotherapies: PrecisionGATE™

Junshi and Revitope collaborate in the research and development of the next-generation of T-cell engaging cancer immunotherapies. Revitope will be responsible for designing up to 5 unique T-cell immunotherapeutic drugs against targets selected by the Company.



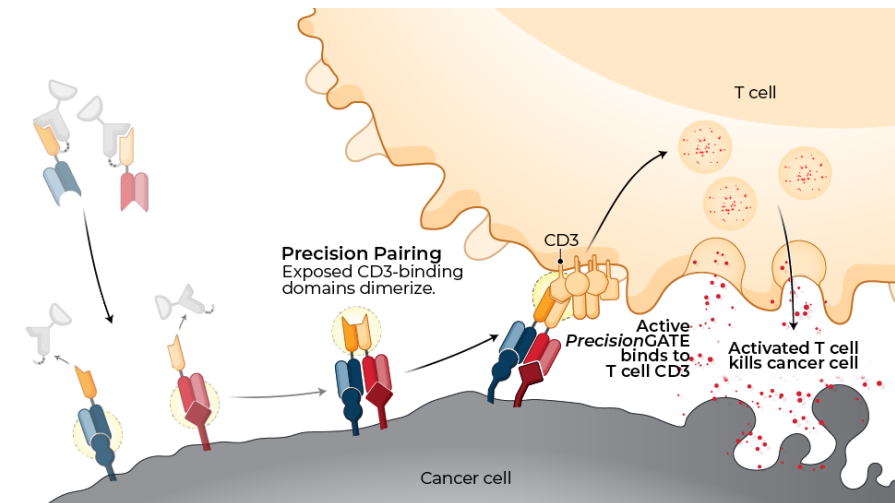
## Background



Because conventional bispecific antibody therapeutics can generate unwanted and substantial **“on-target, off-tumor”** toxicity, Revitope’s two-component T-cell engaging antibody circuits are designed to permit specific recruitment and activation of T-cells exclusively by **tumor cells**, thereby reducing systemic toxicity.



## MoA



**PrecisionGATE™** therapies **split** the CD3 paratope (the T-cell recognition domain) into two halves.. Only when the two molecules come together through **binding to their different tumor targets on the same tumor cell** can the two halves of the CD3 binding domain **recombine and create** a fully functional anti-CD3 domain.



## *ADC-based Therapies*

- Development strategy: improve the therapeutic index of traditional ADC through the innovation of antibodies, linkers and payloads, and explore new immunoconjugate complexes based on other mechanisms such as immune activation
  - Build an independent ADC R&D platform from early R&D to GMP production integration
- 
- ✓ **Antibody:** Use the exploration and innovation of the aforementioned antibody platform to enhance the therapeutic effect of traditional ADC
  - ✓ **Explore technology:** Low-toxicity and high-efficiency ADC technology
  - ✓ **Evaluation system:** A comprehensive evaluation system: molecular design, transient expression and purification, drug efficacy evaluation in vivo and in vitro, toxicity prevention test, pharmacy evaluation, which can evaluate different MoA



- As the mRNA Technology Platform gradually matures, mRNA has progressed into a promising new class of medicine
- Immorna is an innovative drug research company that focuses on developing self-replicating and conventional mRNA-based therapeutics and vaccines
- Junshi and Immorna look forward to working together to develop more revolutionary therapeutics for patients worldwide through our mRNA Technology Platform with domestic intellectual property rights

## **Junshi Biosciences Partners with Immorna to Develop mRNA-based Therapies**

*July 2021, Junshi announced that the company has established a joint venture with Immorna to develop and commercialize new drugs for the global market in the fields of cancer, infectious diseases, rare diseases, and other diseases, based on the mRNA technology and other technology platforms.*





## **PART4: Domestic Commercialization — Based on Needs of Patients**

Our mission is to provide patients with treatment options that work better and cost less

# Promote the Use of TUOYI® in Frontline Treatment: the Strongest Adjuvant/Neo Adjuvant Deployment in China

the Company's exclusive or the domestic leading indications

Met pre-specified primary endpoint (Interim analysis)

**NSCLC EGFR(-)**  
Chemo Combo vs Chemo

**NSCLC EGFR(+)**  
Chemo Combo vs Chemo

**TNBC**  
Combo with Albumin-bound paclitaxel vs Albumin-bound paclitaxel

**SCLC**  
Chemo Combo vs Chemo

**RCC**  
Combo with axitinib vs sunitinib

**UC PD-L1(+)**  
Chemo Combo vs Chemo

**Melanoma**  
Mono vs dacarbazine

**NDA Submitted**  
**NPC**  
Chemo Combo vs Chemo

**NDA Submitted**  
**ESCC**  
Chemo Combo vs Chemo

**HCC**  
Combo with avastin vs sorafenib

**HCC**  
Combo with lenvatinib vs lenvatinib

**NMPA BTD**  
**Mucosal Melanoma**  
Combo with axitinib vs pembrolizumab

**Approved**  
**Melanoma**  
Mono single arm

**Approved**  
**NPC**  
Mono single arm

**Approved**  
**UC**  
Mono single arm

**GC**  
Mono single arm

**HCC Adjuvant**  
Mono vs Placebo

**NSCLC Neoadjuvant**  
Mono vs Chemo

**ESCC Neoadjuvant**  
Chemo Combo vs Chemo

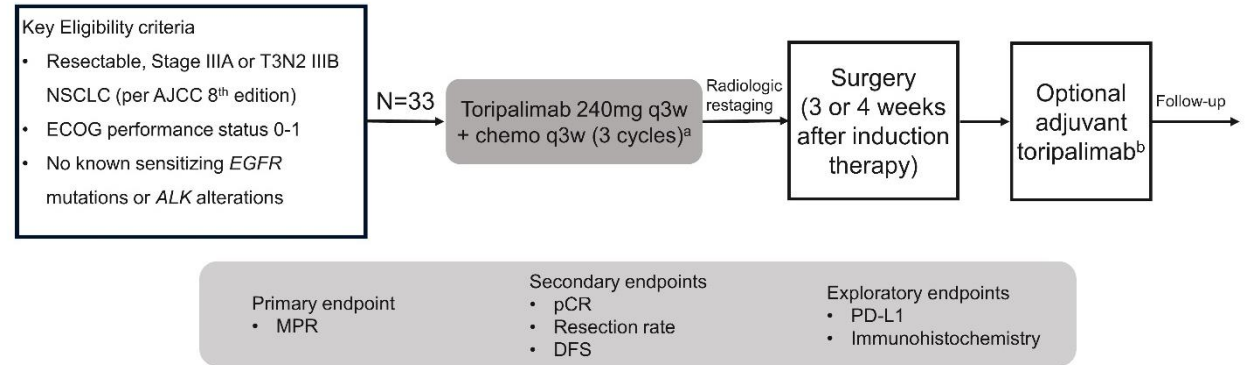


# ASCO #8541: Neoadjuvant Toripalimab + Chemotherapy in NSCLC

## Background

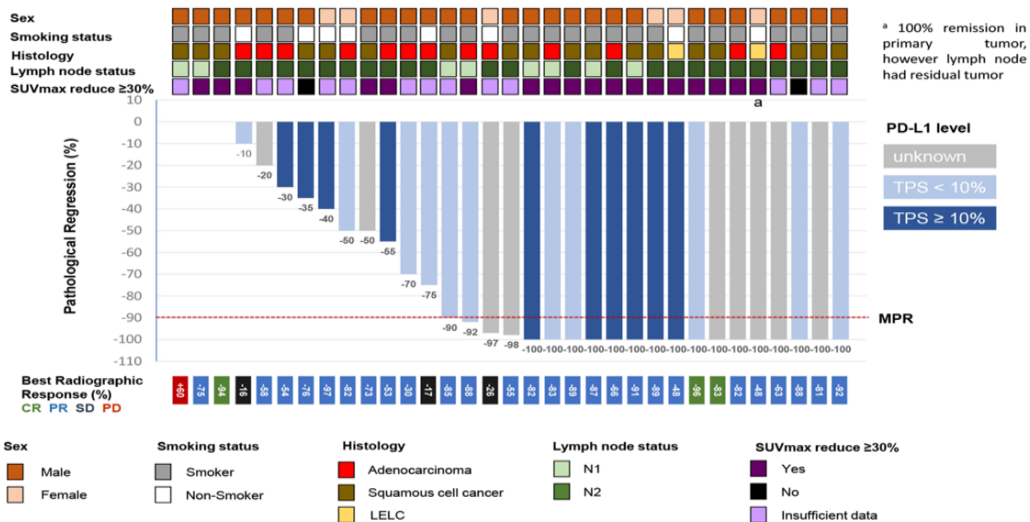
- Previous trials of neoadjuvant chemotherapy or chemoradiation following surgical resection is recommended in resectable stage III NSCLC, but these treatments provide modest survival benefits to patients with stage III NSCLC
- Neo TAP01 is a phase II trial evaluating toripalimab + chemotherapy as neoadjuvant treatment for resectable stage III NSCLC

## Study Design



Database lock: April 15, 2021. The mean follow-up duration was 6.67 months.

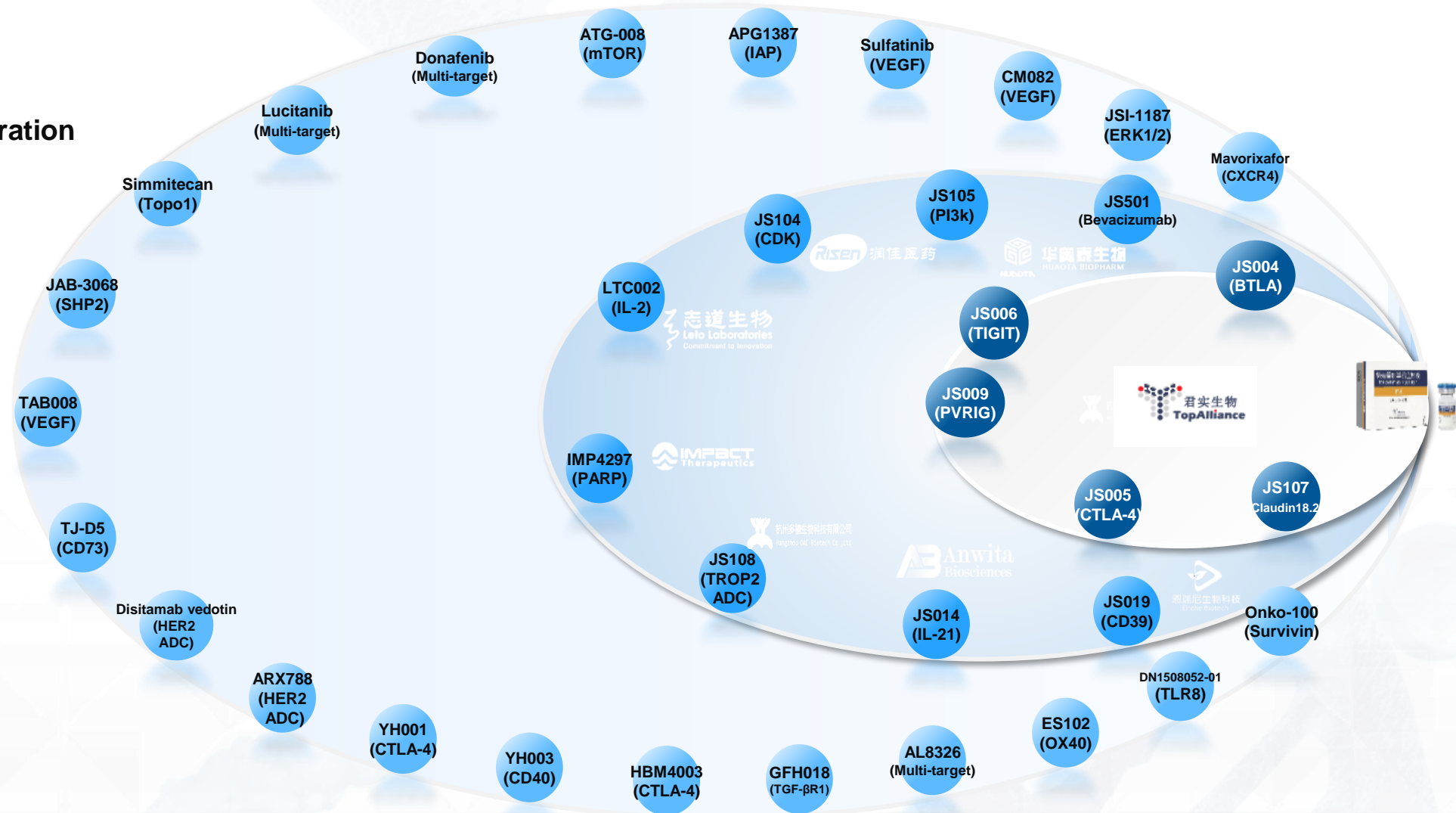
## Summary



- R0 resection in 96.7% patients
- **MPR rate were 66.7% , pCR rates were 45.5%**
- The most common grade 3 TRAEs was anemia (2, 6.1%)
- Neo TAP01 is the second study and **the first** in the Asian population to show the benefits of neoadjuvant immunotherapy with chemotherapy for resectable stage III NSCLC

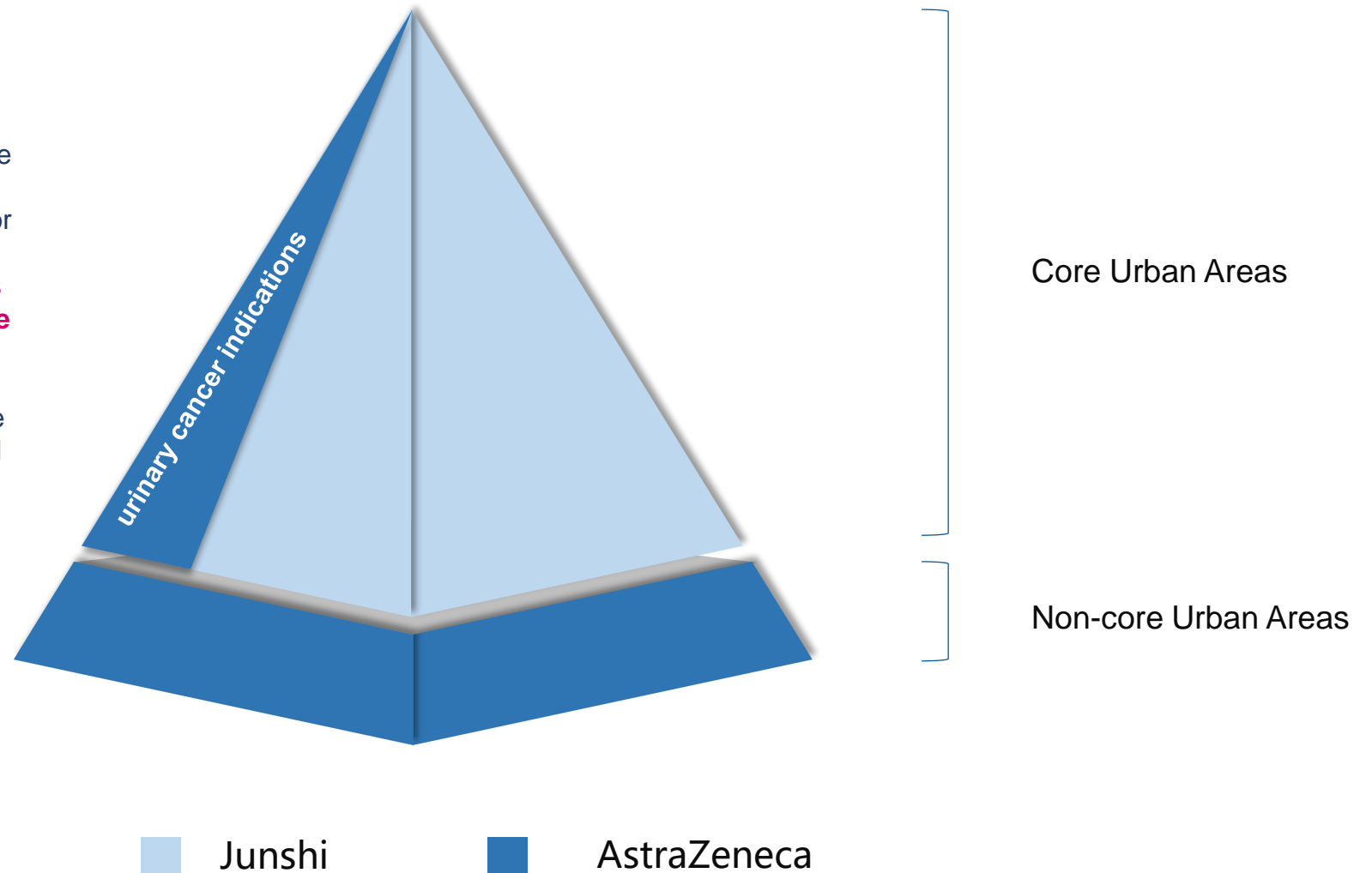
# Well-Structured PD-1 Combo Solution

- In-house
- Co-development
- Clinical trial collaboration







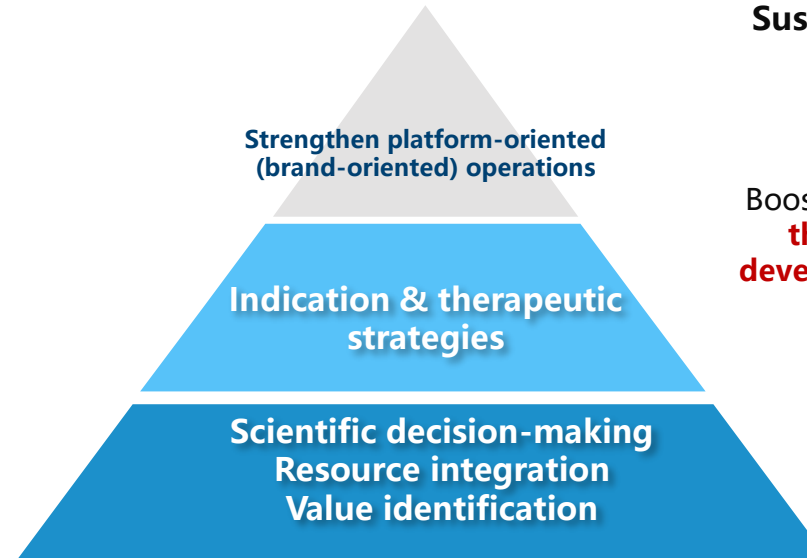
# Promote Channel Decentralization through Cooperation with AstraZeneca

- Junshi grants **AstraZeneca** the exclusive promotion right of toripalimab Injection (trade name: TUOYI®) for the **urinary cancer indications** to be approved subsequently for marketing in mainland China and the exclusive promotion right for **all indications approved and to be approved in non-core urban areas**.
- Junshi will continue to be responsible for the promoting of other indications approved and to be approved, excluding urinary cancer indications in core urban areas.



## Expansion of new indications

-  In February 2021, the sNDA for TUOYI® for the **3L treatment of patients with NPC** was approved by the NMPA
-  In February 2021, the sNDA for TUOYI® combined with chemotherapy for the **1L treatment of patients with NPC** was accepted by the NMPA
-  In April 2021, the sNDA for TUOYI® for the **2L treatment of patients with UC** was approved by the NMPA
-  In July 2021, the sNDA for TUOYI® in combination with paclitaxel/cisplatin as the **1L treatment for patients with ESCC** was accepted by the NMPA



Sustainable, extraordinary  
commercial system

Focus on TUOYI®

Boost the **burgeoning growth of the team** and the **vigorous development of subsequent new products**



## Successfully Added to the NRDL

TUOYI® was successfully included in the new catalogue of the National Reimbursement Drug List ( "NRDL" ) upon negotiations.

## Enhanced Brand Awareness

Our Commercial and Market Access team strengthened the establishment of brand image, so as to enhance the recognition of the TUOYI® brand among doctors and patients.

## Reached a Collaboration Agreement with AstraZeneca

We commenced cooperation of commercialization with AstraZeneca and granted AstraZeneca the exclusive promotion right of TUOYI® for the urinary cancer indications in mainland China and the exclusive promotion right for all indications in non-core urban areas.



# ***Thank You***

