



# Pushing the Frontier of Healthcare Innovation

- 42<sup>nd</sup> Annual J.P. Morgan Healthcare Conference

*Dr. Jasmine Cui, Co-Founder, Chairwoman and CEO*  
*January 10, 2024*

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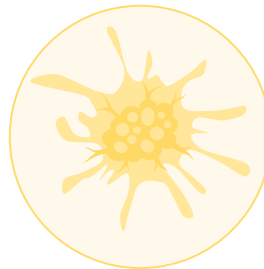
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# Our Mission & Vision: Science Drives Innovation for the Benefit of Patients

To Become  
a **Global Biopharmaceutical Leader**  
that Develops and Delivers  
**Innovative Therapies** for Patients **Worldwide**

Oncology



Autoimmune

**Our Therapeutic Focus**

# Exciting 8 Years Journey of Innovation and Development



Founded in 2015

## Orelabrutinib (BTK inhibitor)

Project  
initiation

IND cleared  
in CHN, AUS,  
US

Hemato-  
oncology trial  
initiated in CHN

2.5 years

r/r CLL/SLL,  
r/r MCL NDA  
approved in CHN

r/r MCL NDA  
approved in  
SGP

r/r MZL NDA  
approved in  
CHN

## Franchises

AID  
project  
initiation

Solid tumor  
project  
initiation

Series of AID projects entered  
into clinical stage from 2020  
(MS, SLE, AD, ITP, Psoriasis, etc.)

1<sup>st</sup> biologics  
IND  
approval

Licensed in  
Tafasitamab  
(anti-CD19 Ab)

Tafasitamab  
launched  
in Hainan & HK

## Corporate Milestones

Founded

Established  
R&D Centers

Established  
manufacturing  
site

USD 235.5M  
raised in  
series C-D

**HKEX**  
香港交易所  
Listed  
USD 311M  
raised

1<sup>st</sup>  
commercial  
launch

USD 393M  
Raised from  
investors

**STAR MARKET**  
科创板  
Listed  
USD 400M  
raised

**Total USD 1.34B raised**

2015

2016

2017

2018

2019

2020

2021

2022

2023

# Highlights of InnoCare's Strength and Advantages

## Fully-integrated & Efficient Drug Innovation Platform

Majority of assets come from internal discovery

13

clinical products in pipeline

2

marketed products

30+

clinical trials ongoing

350+

patents and patent applications

1100+

experienced talents globally

2

GMP compliant manufacturing facilities

## A Leading Hemato-oncology Franchise

Comprehensive coverage of indications & MoAs

2

marketed products

6

differentiated assets in pipeline

Potential **BIC profile** in marketed BTKi

**FIC**

Tafasitamab (anti-CD19 mAb), anti-CCR8 mAb

Innovative therapy offers **combo potential**

## Well Positioned Portfolio in Auto-immune Diseases

Assets cover both B cell & T cell pathogenic pathways

6

indications w/ large market potential

3

clinical plus few pre-clinical assets will cover >15 indications for further development

2

innovative TYK2 inhibitors offer good opportunity to win

Global leading potential of BTKi in SLE, ITP, NMOSD, MS and other AID indications

## Fully-fledged Commercial & Healthy Financial Position

Flexibility for BD and future value creation

320+

commercial team

1000+

hospital coverage in China

**310M USD**

accumulated revenue 2021-2023Q3

**1.2B USD**

cash position on hand

**Cost effective** operation

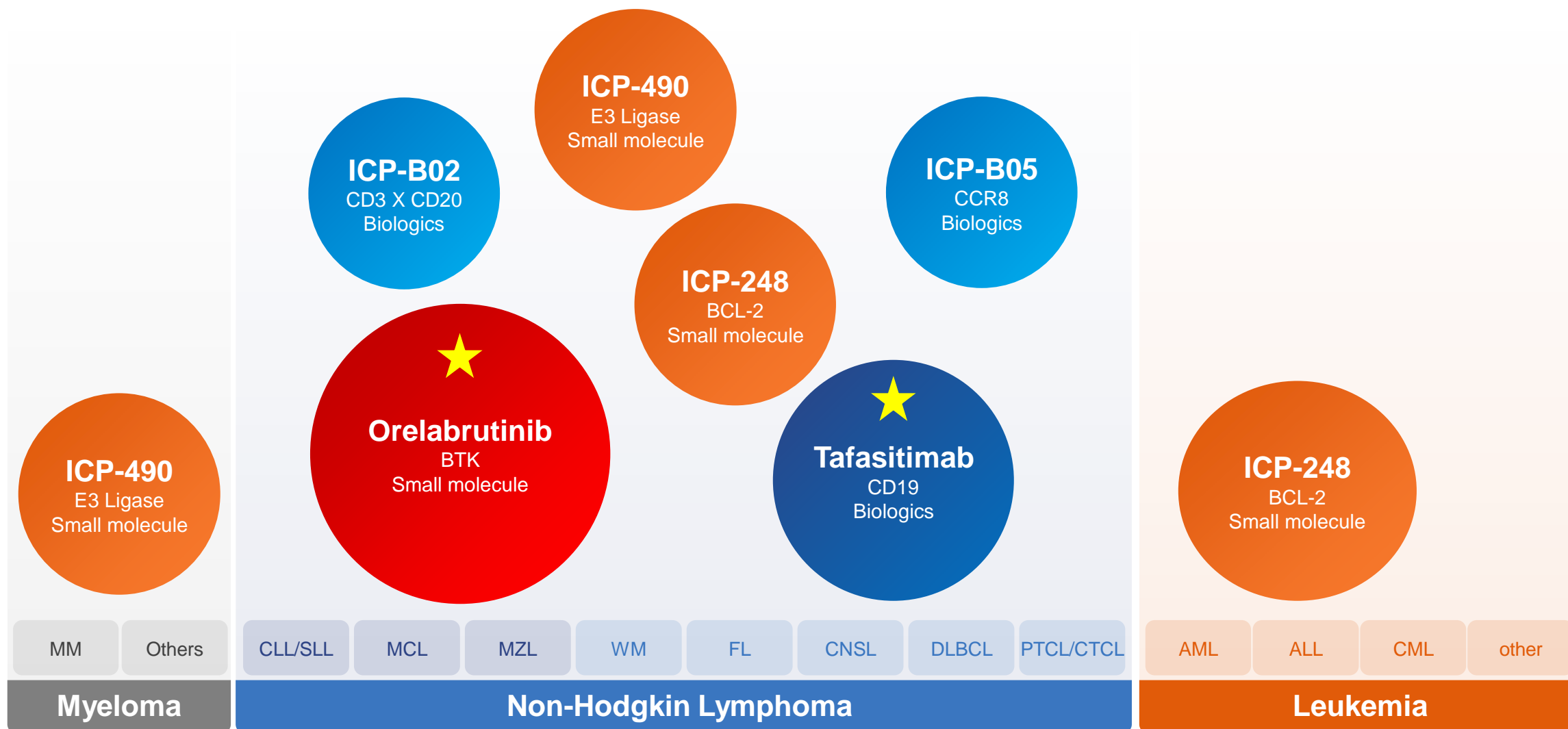


A person wearing a blue protective suit, hood, and mask is reviewing a large sheet of paper in a laboratory or industrial setting. The background shows complex machinery and pipes, suggesting a pharmaceutical or biotech environment. The image is overlaid with a semi-transparent blue filter.

# A Leading Hemato-oncology Franchise

- Orelabrutinib: Potential Best-in-Class BTKi
- BCL-2 Inhibitor: 100% Efficacy with Combo Potential
- Continuously Enriching Hemato-oncology Portfolio

# Comprehensive Coverage in Hemato-oncology Indications & MOAs



宜诺凯

Orelabrutinib

Potential Best-in-class  
Marketed BTK Inhibitor

### Clinical Advantages

- ✓ Significant BTK occupation:  
~100% at 50 mg QD and above
- ✓ **Much improved safety profile**
- ✓ **No  $\geq$  Grade 3 AF** observed
- ✓ **Once-daily** dosing

### 2024 NDA Submissions

- ✓ **r/r MCL** in **USA**
- ✓ **1L CLL/SLL** in **CHN**
- ✓ **r/r MZL** in **SGP**

### Marketed Indications

- ✓ r/r CLL/SLL, r/r MCL, r/r MZL in CHN
- ✓ **First and only** BTKi for MZL in CHN
- ✓ r/r MCL in SGP

### Ongoing Clinical Trials

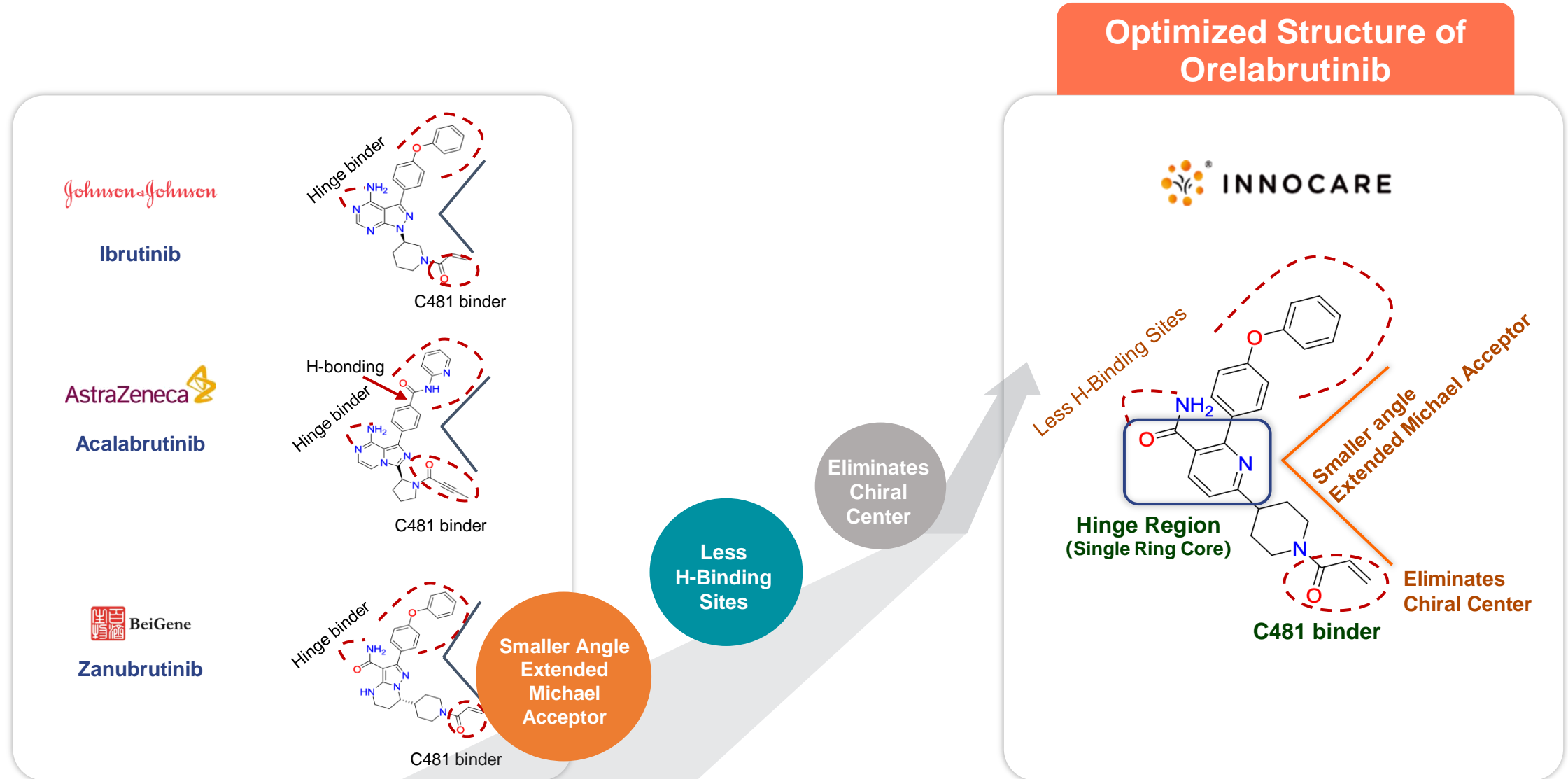
- ✓ **4** registrational trials across **3** continents
- ✓ **1L** CLL/SLL, MCL, and DLBCL-MCD trials ongoing
- ✓ Combo therapy potential

### Effective Market Penetration

- ✓ Covered all major (**1000+**) hematology centers in China
- ✓ All indications approved have been included in **China NRDL**
- ✓ **Benefited 30K+ patients**



# Orelabrutinib: Unique Structure Design Provides Much Improved Target Selectivity



# Orelabrutinib: Outstanding Kinase Selectivity Among BTK Inhibitors



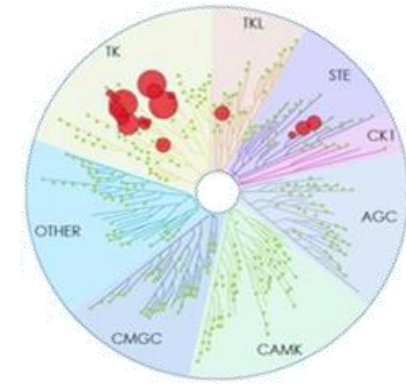
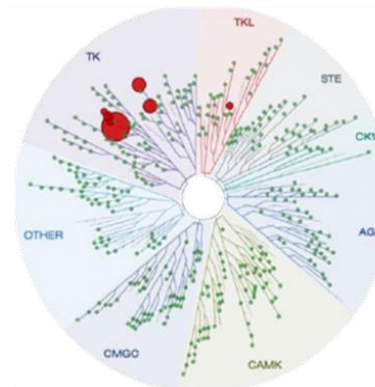
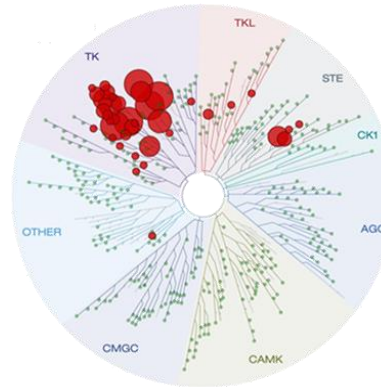
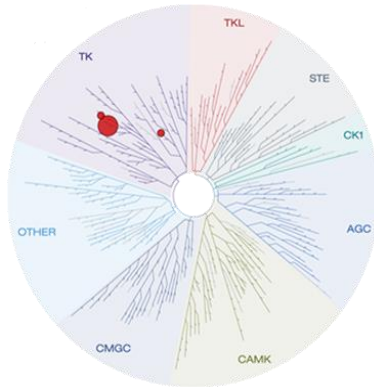
Orelabrutinib

Ibrutinib

Acalabrutinib

Zanubrutinib

Cleaner inhibitor  
(KINOME scan\*  
at 1 $\mu$ M)



- High inhibition potency: **IC50 ~1.6 nM**
- **Outstanding selectivity profile** in the class by KINOME scan (456 kinases)
- **Clean of activity** in PanLabs Safety Screen (87 pharmacological targets)
- Well tolerated and good safety profile

# Orelabrutinib: Potential Best-in-Class BTKi for B-cell Malignancies



r/r CLL/SLL

**93.8%**

Overall response rate  
(ORR)

**30.0%**

Complete response  
(CRR)

Higher CRR



r/r MCL

**83.0%**

Overall response rate  
(ORR)

**27.4**

months  
Median PFS

Longer median PFS



r/r MZL

**58.9%**

Overall response rate  
(ORR)

**91.0%**

Estimated 12-month  
overall survival (OS)

The first and only in China



Safety in BCM

**0.0%**

≥ Grade 3 atrial fibrillation

**6.0%**

Any grade diarrhea

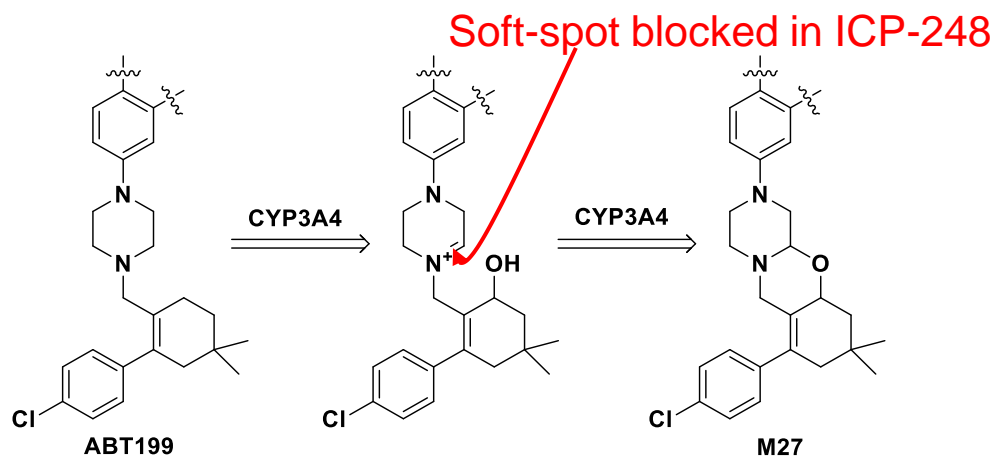
**9.6%**

≥ Grade 3 infection

Improved safety

Note: r/r CLL/SLL cut off date Jun 26, 2023; r/r MCL cut off date Feb 28, 2023; r/r MZL cut off date Jun 9, 2023

# ICP-248 (BCL-2i): Improved Molecular Design Provides Unique Merits



## ABT-199 (Venetoclax) design

- M27, a major metabolite of ABT-199, accounts for 12% in human plasma
- Strong CYP2C8 and CYP2C9 inhibition by venetoclax and M27 ( $\text{IC}_{50} \leq 0.82 \mu\text{M}$ )
- Strong P-gp and BCRP inhibition by venetoclax and M27 ( $\text{IC}_{50} \leq 1.48 \mu\text{M}$ )

## Advantages of ICP-248



Eliminated active metabolite



Reduced DDI risks



Improved PK & efficacy



Good safety profile

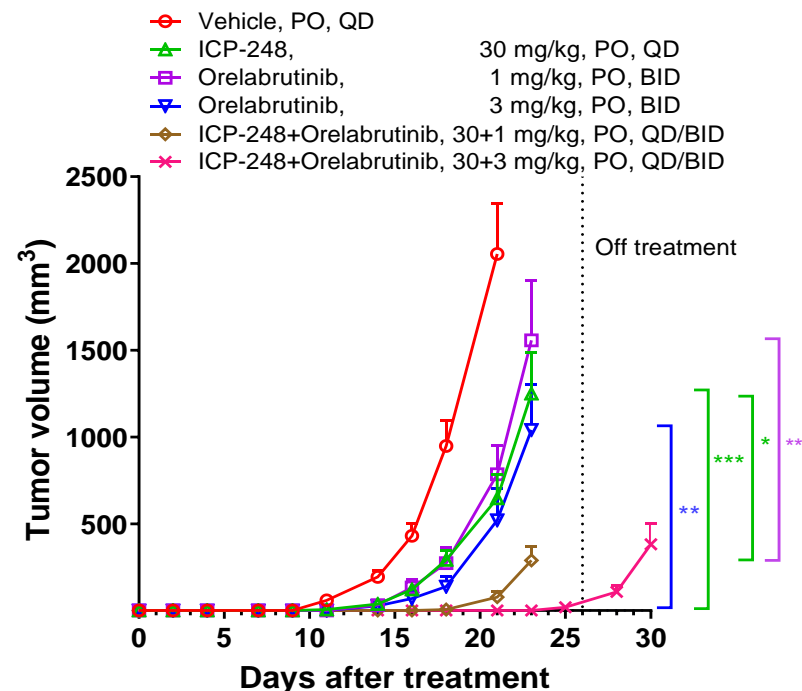
# ICP-248: Early Clinical Result Shows Outstanding Efficacy

**ORR: 6 out of 6**

Asset	ICP-248	APG-2575 <sup>1</sup>	BGB-11417 <sup>2</sup>	Venetoclax <sup>3</sup>	Venetoclax <sup>4</sup>
Sample Size	6	46	23	116	50
Indication	r/r MCL & CLL/SLL	r/r CLL/SLL	r/r CLL/SLL	r/r CLL/SLL	r/r MCL
ORR	100%	65%	56.5%	82%	40%
CRR	50%	Est. <5%	17%	10%	16%
uMRD in FAS	33%	Never reported	12.5%	NA	NA

- **100% efficacy** (3 CR, 3 PR out of 6 patients evaluated)
- **33% uMRD** (2 out of 6 patients evaluated)
- Excellent PK profile
- Significantly reduced G3+ AE & SAE

## Significant Synergy with Orelabrutinib



Great **combo potential** with Orelabrutinib for treatment of NHL such as **CLL/SLL, MCL, etc.**

**Development in China and global markets**

CR: Complete response; PR: Partial Response; uMRD: unmeasurable residual disease

Source: 1. Matthew S. Davids et al. 2022 ASH; 2. Caixia Li et al. 2023 EHA, 2022 ASH; 3. Andrew W Roberts et al. N Engl J Med 2016;374:311-22; 4. Yazeed Sawalha et al. Blood Adv. 2023 ;7(13):2983-2993.



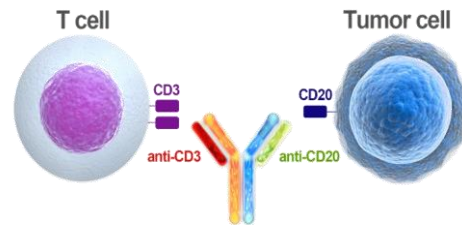
# Continuously Enriching Hemato-oncology Portfolio and Modalities

## Tafasitimab\*



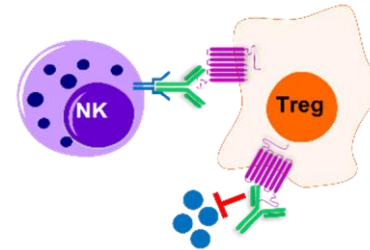
- ✓ Approved in HK
- ✓ Eligible for urgent use in Bo'ao and GBA
- ✓ BLA submission in CHN in 2024Q2
- ✓ **160k** new DLBCL patients globally p.a.

## ICP-B02\*\*



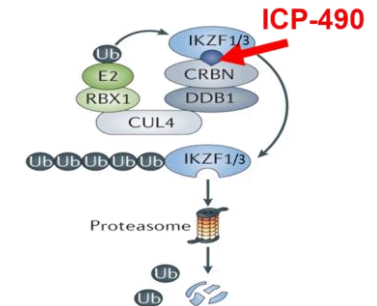
- ✓ **Potential BIC**  
CD3 x CD20 BsAb
- ✓ CD20+B-cell Malignancies
- ✓ SC formulation in clinical evaluation
- ✓ 100% ORR observed in FL and DLBCL patients

## ICP-B05\*\*



- ✓ **Potential FIC**  
anti-CCR8 mAb
- ✓ Immuno-oncology target with Treg regulation
- ✓ Ph I dose escalation underway
- ✓ **1.2M** blood cancer patients diagnosed p.a.

## ICP-490



- ✓ E3 ligase small molecule
- ✓ Targeted protein degrader
- ✓ Ph I underway
- ✓ **336k** DLBCL & MM patients diagnosed p.a.

\* In collaboration with Incyte, \*\* In collaboration with KeyMed Biosciences

P.a.: per annum; GBA: Guangdong-HongKong-Macao Greater Bay Area; SC: subcutaneous; FIC: First-in-Class; FL: follicular lymphoma; ADCC: antibody-dependent cell-mediated cytotoxicity

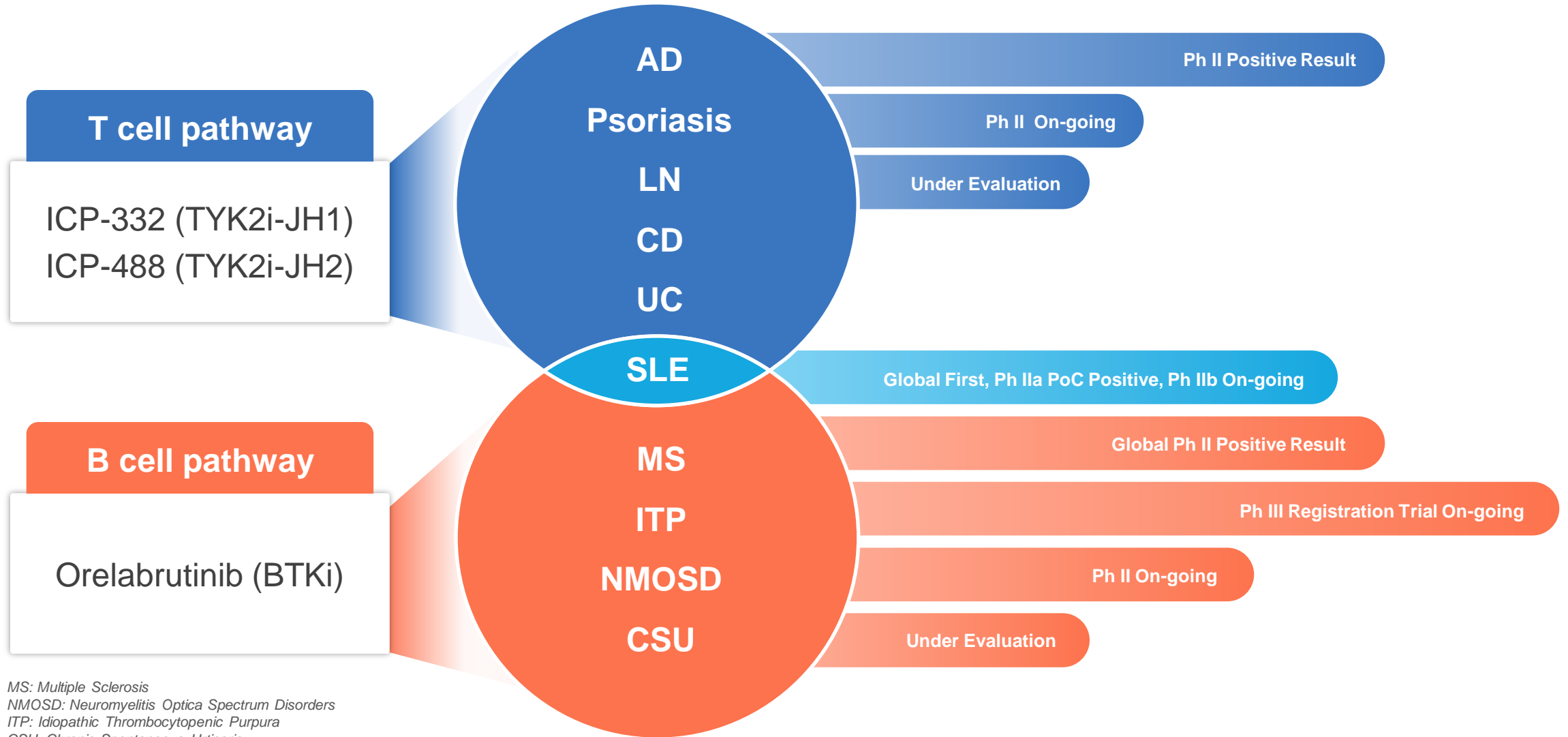
Source: National Cancer Institute (<https://seer.cancer.gov/statfacts>), Frost & Sullivan

# Well Positioned Portfolio in Autoimmune Diseases

- Orelabrutinib: Versatile BTKi in AID
- TYK2/JAK1 Dual Inhibitor: Potential Best Efficacy for AD



# Autoimmune Disease Strategy



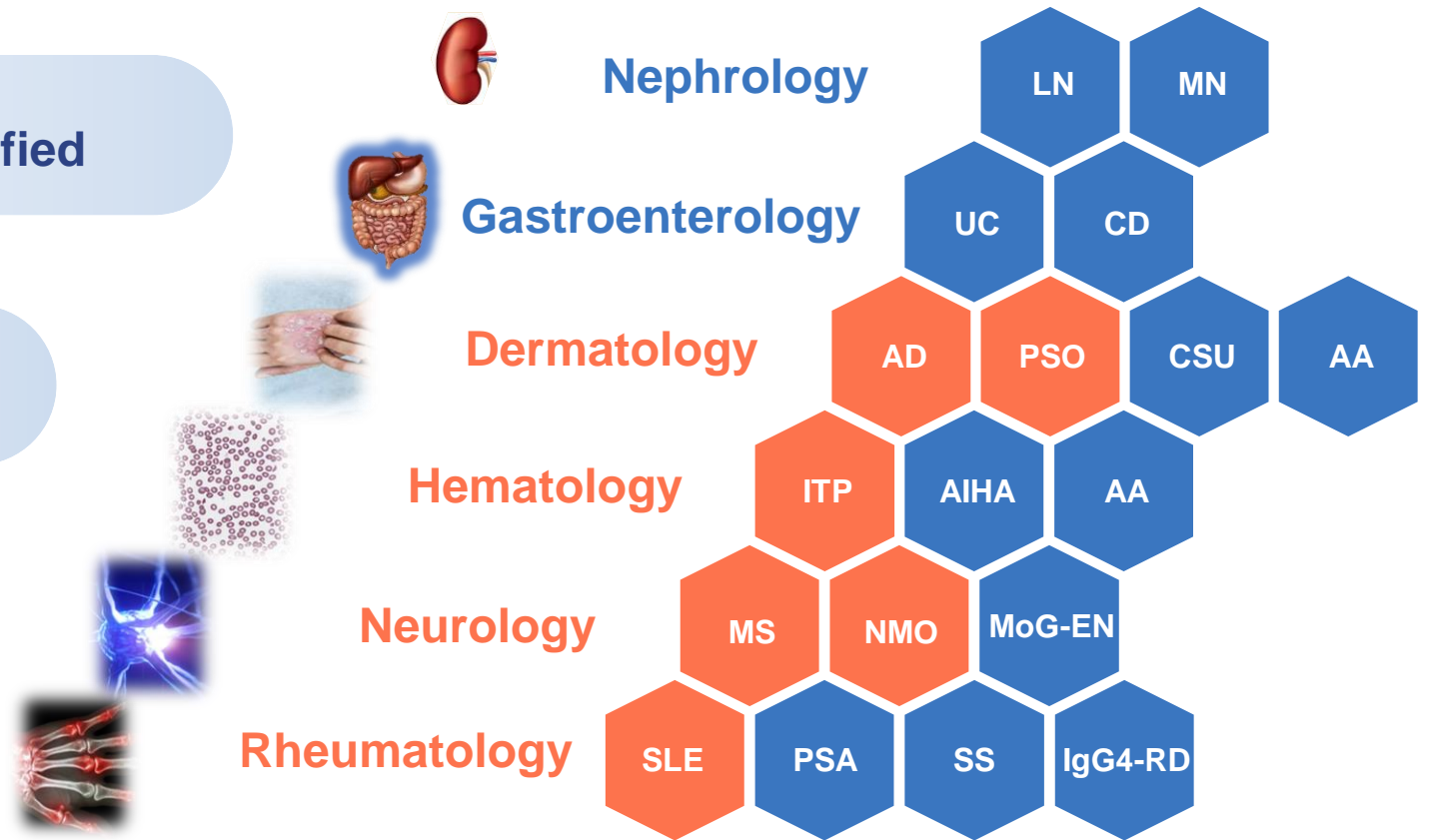
MS: Multiple Sclerosis  
NMOSD: Neuromyelitis Optica Spectrum Disorders  
ITP: Idiopathic Thrombocytopenic Purpura  
CSU: Chronic Spontaneous Urticaria  
SLE: Systemic Lupus Erythematosus  
AD: Atopic Dermatitis  
LN: Lupus Nephritis  
CD: Crohn's disease  
UC: Ulcerative Colitis

# Enormous Unmet Medical Needs Exist in Autoimmune Diseases

**>150** autoimmune diseases identified

**>500 M** patients world wide

**>40 M** patients in China




AA: Aplastic Anemia  
AIHA: Autoimmunehemolytic Anemia  
CD: Crohn's Disease

CLE: Cutaneous Lupus Erythematosus  
IgG4 RD: Immunoglobulin G4-related disease  
ITP: Immune thrombocytopenic purpura

LN: Lupus Nephritis  
MN: Membranous Nephropathy  
MoG-EN: MOG encephalomyelitis

MS: Multiple Sclerosis  
NMO: Neuromyelitis optica  
PsA: Psoriatic Arthritis

PsO: Psoriasis  
SLE: Systemic Lupus Erythematosus  
SS: Sjogren syndrome

 InnoCare current coverage

# Orelabrutinib: Unlimited Potential in Autoimmune Diseases



## Potential BIC profile for MS

- **Best-in-Class efficacy**
- **Excellent BBB penetration** capability opens possibility for CNS

~2.5 M patients

## Close to market BTKi for ITP

- **Ph III registrational trial ongoing** in China
- **Close to market BTKi** for AID

>200 K prevalence

## First BTKi for SLE

- **Globally first and only** BTK inhibitor to ever show positive result
- **Ph IIb** enrollment ongoing
- Interim results expected by end of 2024

~8 M patients

## Class leading progress in NMOSD

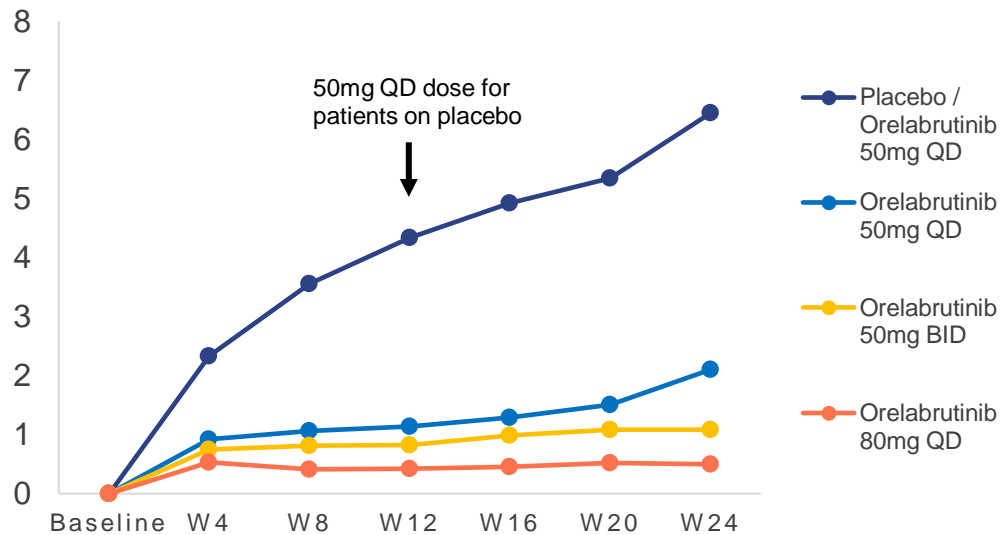
- No BTK inhibitors approved for NMOSD yet
- **Ph II** ongoing

~100K prevalence

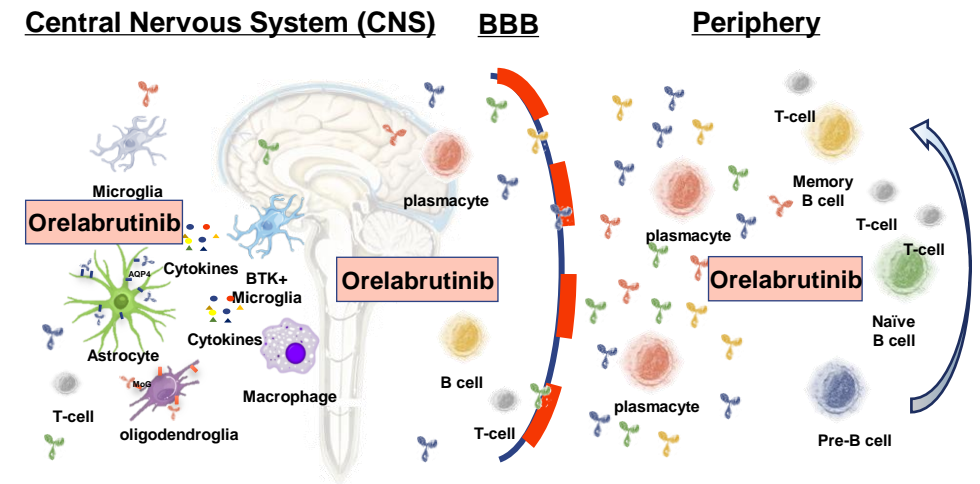


# Orelabrutinib: Potential Best-in-Class BTKi for Multiple Sclerosis

Adjusted Mean Cumulative number of New Gd+ T1 Brain Lesions by Visit (N=115)



BTKi	Company	Dose (mg)	CSF Conc. ~2h (ng/mL)
Orelabrutinib	InnoCare	150 QD	31.3
Evobrutinib	Merck KGaA	75 BID	3.21 <sup>2</sup>
Tolebrutinib	Sanofi	120 QD	1.87 <sup>1</sup>



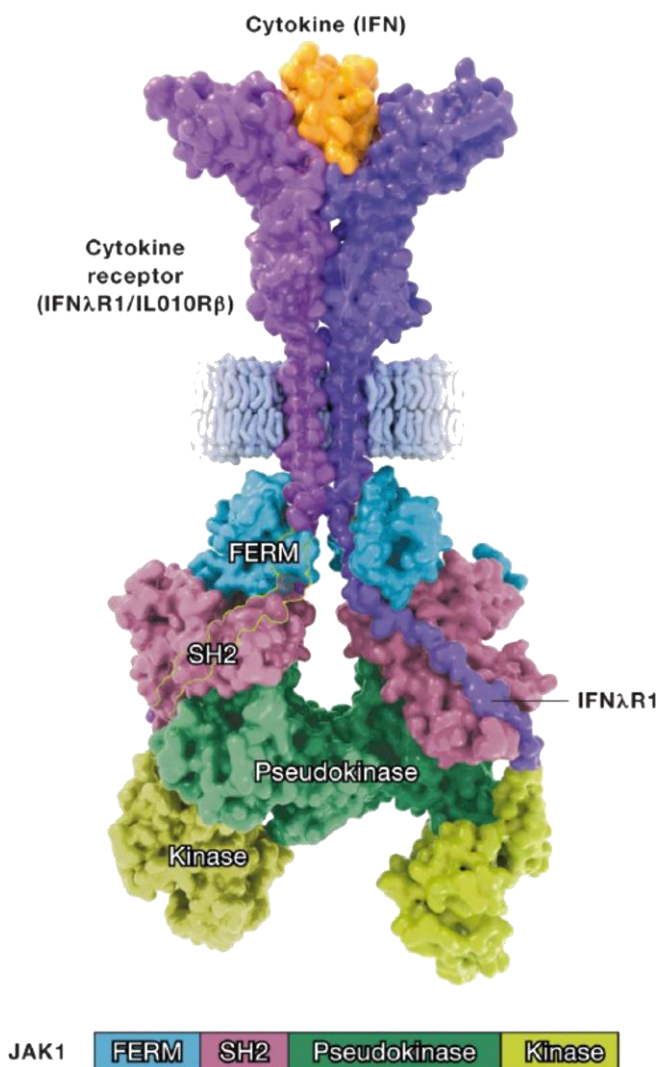
- **All groups** achieved T1 new lesion control
- **92.3%** relative reduction achieved at **80mg QD**
- **Best-in-Class** efficacy profile

CSF: cerebrospinal fluid

Source: 1 doi: 10.1016/j.msard.2021.103000

2 Multiple Sclerosis and Related Disorders 51 (2021) 103001 doi: 10.1016/j.msard.2021.103001

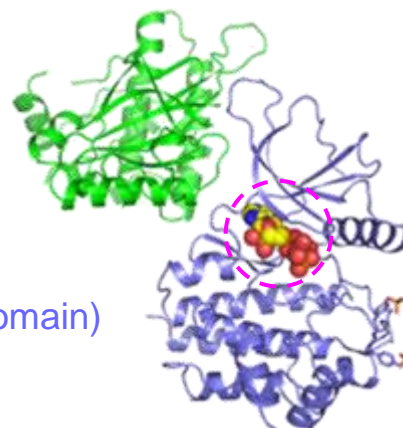
# ICP-332, ICP-488: TYK2 Inhibitors with Different Selectivity Profiles



## Active site binding

JH2  
(pseudokinase domain)

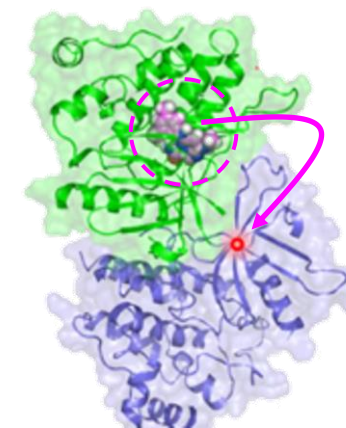
JH1  
(kinase domain)



## Allosteric site binding

Blocking the ATP binding site

↓  
Inactive state



Inhibitor	IC <sub>50</sub> (nM)	IC <sub>50</sub> (nM) @1 mM ATP			
	TYK2 JH2	TYK2 JH1	JAK1	JAK2	JAK3
ICP-332	2319	0.5	19	191	930
ICP-488	5	>10,000			

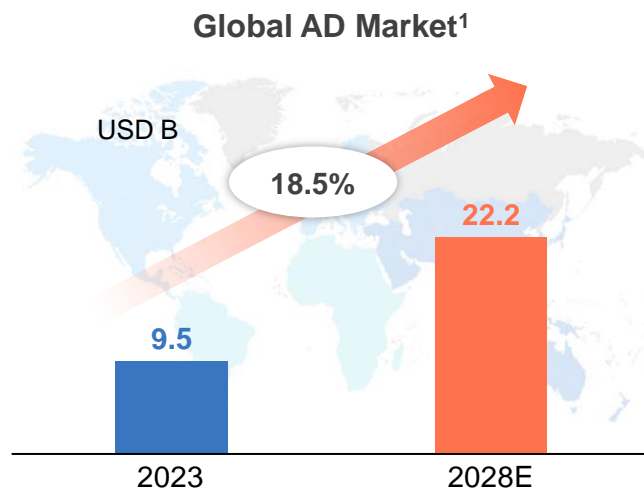
# ICP-332: Major TYK2 Plus Minor JAK1 Inhibition Provides New Possibilities for Effective Treatment of Atopic Dermatitis (AD)



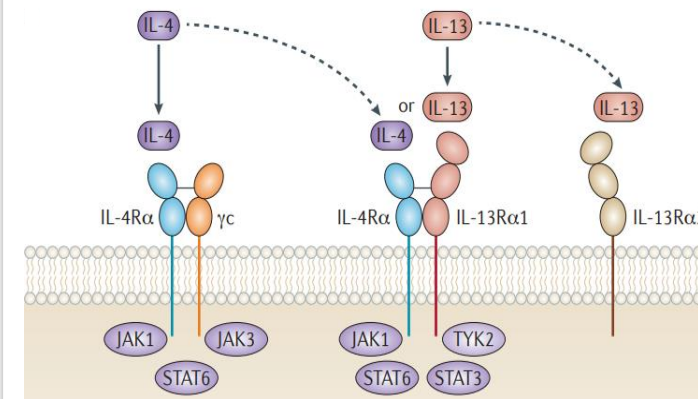
## Heavy Disease Burden



## Extensive Market Potential



## Inhibition of TYK2/JAK1 Possesses Potential Synergy



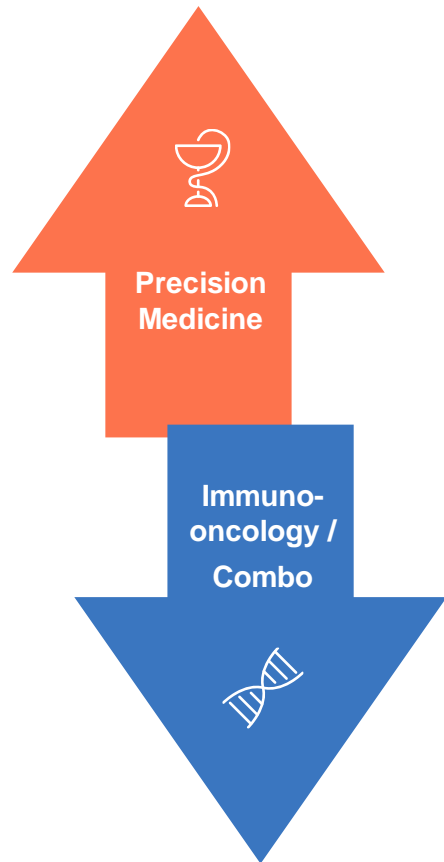
A close-up photograph of a person in a white lab coat and white gloves using a pipette to transfer liquid into a small vial. The person is wearing safety glasses. The background is a blurred laboratory setting with various equipment and containers.

# Innovative Solid Tumor Assets

- New Drug Discovery and Combination

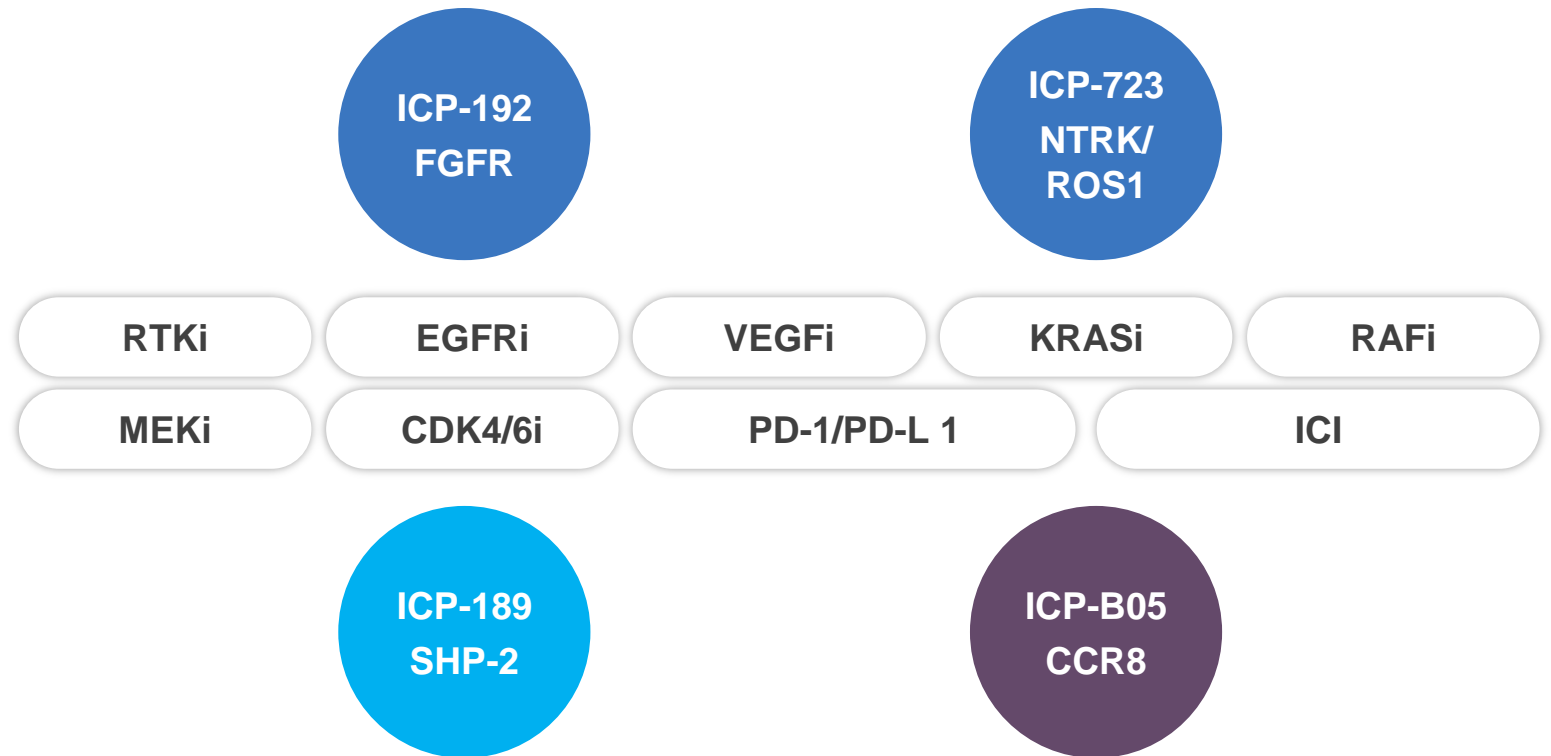
# Solid Tumors Strategy

Benefit patients more



Benefit more patients

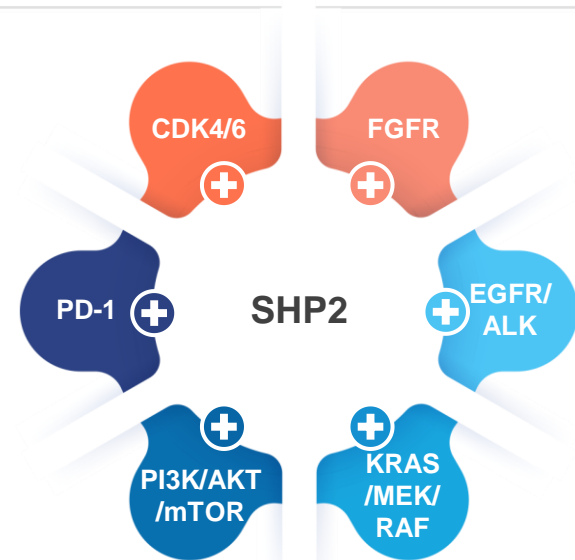
Provide the right medicine, to the right patient, at the right time



Cornerstone of combination therapy

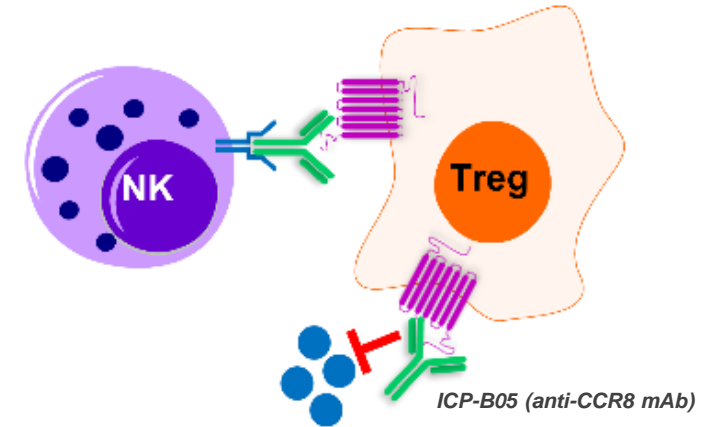


# Keep Investing in Innovative Early Stage Assets for Solid Tumors



ICP-189

- SHP 2 inhibitor for NSCLC & others
- Ph I dose escalation in solid tumors (10-120 mg)
- **1 Confirmed PR** at 20 mg observed in a cervical cancer patient
- Potential class-leading safety profile: **No grade 3 or higher TRAEs** observed up to 120 mg
- **Clinical study for combo with EGFRi\* in NSCLC on going**



ICP-B05

- Immuno-oncology target with Treg regulation
- Ph I dose escalation in solid tumors and liquid cancers
- **Single agent efficacy (1 PR) observed**
- Favorable PK profile

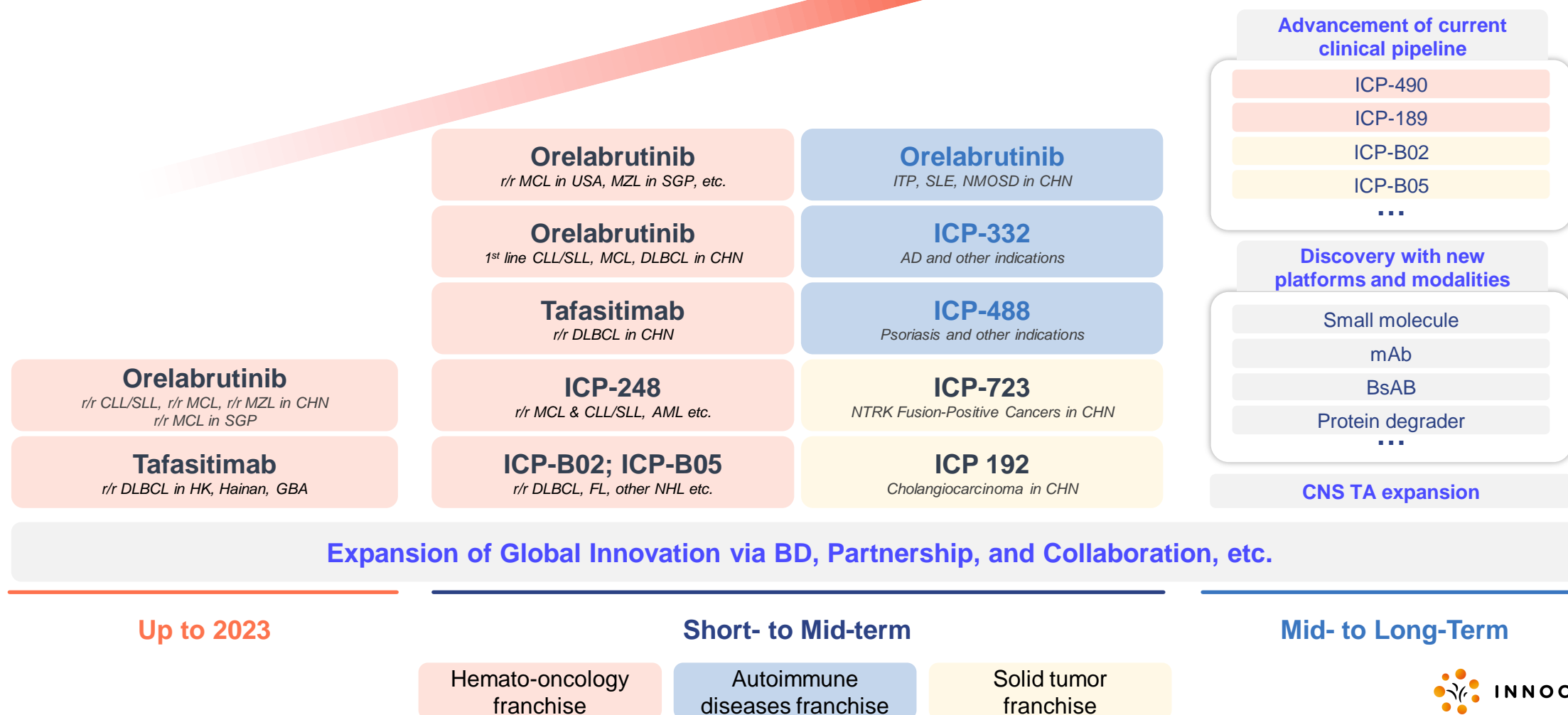
The background of the slide features a conceptual image of a hand holding a globe. The globe is rendered as a white wireframe mesh against a light blue background. A network of white dots connected by thin lines is overlaid on the scene, particularly concentrated around the hand and the globe, suggesting a digital or technological theme.

# Robust Growth Outlook

- Robust Portfolio
- Short-term Certainty and Visibility

# Strong Growth Momentum Secured by Robust Portfolio and Fueled by Global Innovation & Collaboration

**Benefit Millions of Patients World-wide**



# InnoCare 2024 Milestones and Catalysts

2024 H1

2024 H2

  
Hemato-  
oncology

Orelabrutinib

NDA submission for 1L CLL/SLL in CHN

Tafasitamab

NDA sub. in CHN for r/r DLBCL

NDA submission for r/r MCL in the USA

ICP-248

USA IND filing & approval

NDA submission for r/r MZL in SGP

IND submission combo with Orela for 1L CLL/SLL in CHN

Ph I preliminary data readout

ICP-B02

Ph I data read out

Orelabrutinib

SLE Ph IIb interim readout

Completion of ITP Ph III patient enrollment

ICP-332

USA IND filing & approval

Ph III initiation on AD

Initiation of Ph II trials on second indication in CHN

Initiation of Ph II trials on second indication in USA

ICP-488

PoC read out on Psoriasis

Ph II initiation on Psoriasis

Completion of Ph II enrollment

  
Autoimmune  
Diseases

  
Solid  
Tumor

ICP-189

Ph I data readout

Initiation of combo study in the clinic with EGFRi in NSCLC

ICP-723

Completion of patient enrollment of registrational trial

NDA submission in CHN

ICP-192

Strive to complete patient enrollment

























**INNOCARE**

*Thank you for your attention*



# Product Pipeline – Hemato-oncology

	Drug	Target	Indication(s)	Rights	IND Enabling	Dose Escalation	Dose Expansion		Pivotal Trial		Expected NDA Filing	Market	
						PH1a	PH1b	PH2*	PH2**	PH3			
Hemato-oncology	ICP-022/ Orelabrutinib	BTK	r/r CLL/SLL		NDA approved: 25 Dec 2020								
			r/r MCL		NDA approved: 25 Dec 2020								
			r/r MZL		NDA approved: 21 Apr 2023								
			1L: CLL/SLL									 2024	
			1L: MCL										
			1L: MCD DLBCL										
			r/r MCL		U.S. Development Status							 2024	
	ICP-B04/ Tafasitamab	CD19	Tafa + LEN, r/r DLBCL									 2024	
	ICP-B02	CD3 x CD20	Hemato-oncology		Dose escalating in IV&SC								
	ICP-248	BCL2	NHL/Combo		Dose escalating								
	ICP-490	E3 Ligase	MM / DLBCL / Hemato-oncology		Dose escalating								
	ICP-B05	CCR8	Hemato-oncology		Dose escalating								

# Product Pipeline – Solid Tumors and Autoimmune Diseases

	Drug	Target	Indication(s)	Rights	IND Enabling	Dose Escalation	Dose expansion		Pivotal Trial		Filed	Market
						PH1a	PH1b	PH2*	PH2**	PH3		
Auto-immune Disease	ICP-022/ Orelabrutinib	BTK	SLE		<div></div>							
			MS		Global Phase II Completed							
			ITP		<div></div>							
			NMOSD		<div></div>							
	ICP-332	TYK2 – JH1	Atopic Dermatitis		Phase II Completed with promising results							
	ICP-488	TYK2 – JH2	Autoimmune diseases / Psoriasis		<div></div>							
Solid Tumors	ICP-192/ Gunagratinib	pan-FGFR	Cholangiocarcinoma		<div></div>							
			Urothelial cancer		<div></div>							
			Head & Neck		<div></div>							
			pan-FGFR (Basket)		<div></div>							
			pan-FGFR (Basket)		US Development Status							
	ICP-723/ Zurletrectinib	pan-TRK	NTRK fusion-positive cancers		<div></div>							
	ICP-033	VEGFR, DDR1	Solid tumors		<div></div>							
	ICP-189	SHP2	Solid tumors		Dose escalating							
			+EGFRi NSCLC		IND Accepted							
	ICP-B05	CCR8	Solid tumors		<div></div>							