



# Abbisko Therapeutics

**2021 FULL YEAR RESULTS AND BUSINESS UPDATES**

March 21, 2022



# Forward-Looking Statements

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The accuracy of Abbisko's estimates regarding expenses, future revenue, future expenditures and needs for and ability to obtain additional financing, Abbisko's ability to obtain and maintain intellectual property protection for its product candidates and approved products, the competitive environment and clinical and therapeutic potential of Abbisko's product candidates, potential adverse impacts due to the ongoing global COVID-19 pandemic such as delays in clinical trials, pre-clinical work, overall operations, regulatory review, manufacturing and supply chain interruptions, adverse effects on healthcare systems and disruption of the global economy, and those risks and uncertainties described under the heading "Risk Factors" in Abbisko's prospectus which can be found on the website of the Hong Kong Stock Exchange at <http://www.hkexnews.hk>. Abbisko anticipates that subsequent events and developments will cause Abbisko's expectations and assumptions to change and undertakes no obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except as may be required by law. These forward-looking statements should not be relied upon as representing Abbisko's views as of any date subsequent to the date of this presentation. You should read the materials of this presentation completely and with the understanding that our actual future results or performance may be materially different from what we expect. In this presentation, statements of, or references to, our intentions or those of any of our Directors or our Company are made as of the date of this presentation. Any of these intentions may alter in light of future development. You may get copies of Abbisko's Hong Kong Stock Exchange filings for free by visiting HKEXnews on the Hong Kong Stock Exchange's website at <http://www.hkexnews.hk>.

This presentation does not constitute an offer to sell or the solicitation of an offer to buy any securities of Abbisko Cayman Limited.

# Agenda

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**Opening Remarks**



Dr. Yao-Chang Xu

**Business Update**



Dr. Zhui Chen  
Dr. Jing Ji

**Financial Update**



Mr. Richard Yeh

**Closing Remarks**



Dr. Yao-Chang Xu

**Q&A**

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# OPENING REMARKS

A photograph of the Aurora Borealis (Northern Lights) in shades of green and blue, dancing across a dark night sky. Below the lights, a calm body of water reflects the colors. In the distance, a small town with lights is visible on a hillside. The overall scene is serene and majestic.

*Abbisko* 和營

**DISCOVER AND DEVELOP NOVEL AND DIFFERENTIATED THERAPIES IN  
ONCOLOGY AND BEYOND, TO ADDRESS CRITICAL UNMET NEEDS FOR  
PATIENTS IN CHINA AND WORLDWIDE**

# 2021: A Year of Unprecedented Achievements and Growth

## KEY MILESTONES AND HIGHLIGHTS

### GLOBAL CLINICAL DEVELOPMENT CAPABILITIES

- 6** Assets in clinical stage
- 10+** Clinical trials in four countries and regions

### EFFICIENT INTERNAL DISCOVERY ENGINE

- 10** PCCs discovered since 2017
- ~2** PCCs delivered per year on average

### STEADY ORGANIZATIONAL GROWTH

- > 160 Total employees, with **>110** in-house R&D employees
- 4** Sites with business operation

### SUCCESSFUL IPO & EXPANDED BUSINESS DEVELOPMENT ACTIVITIES

- Successfully listed on the HKEx and raised net proceeds<sup>(i)</sup> of HK\$1,674m (~US\$215m)<sup>(ii)</sup>
- Established multiple business collaborations with MNCs and domestic biotechs

(i) After deducting the underwriting commissions and other estimated expenses in connection with the global offering and the exercise of the over-allotment option

(ii) Based on currency conversion rate of USD:HKD = 7.7965 as of December 31, 2021

# Growing Business Scale with Expanded Footprint Globally

## Clinical Development

- **10+** clinical trials ongoing / planned
- Clinical operations in multiple regions in China and in the U.S.



## Manufacturing

- One manufacturing plant in Shanghai under planning

**Beijing**  
 (Clinical & Regulatory)

**Hong Kong**  
 (Listed in HKEX in 2021)

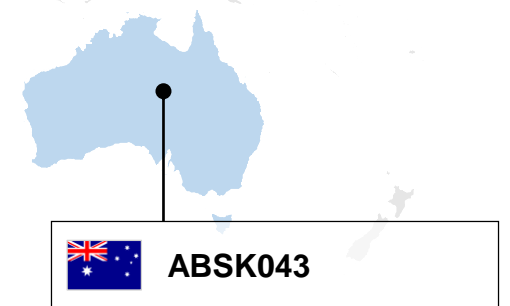
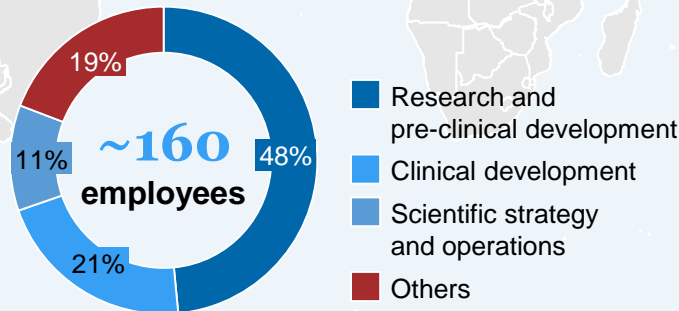
**Clinical team presence in Shandong, Shaanxi, Heilongjiang, Hubei and Guangdong**

**China**  
 ABSK011 ABSK061  
 ABSK091 ABSK081  
 ABSK021

**Shanghai (HQ & R&D)**  
**Wuxi (Lab for CMC)**

## Research & Discovery

- Discovery operations mainly based in Shanghai
- One laboratory space in Wuxi for CMC related activities such as API development and GLP batch manufacturing



# Enhanced Business Development Exemplified by Global Co-Discovery Collaboration with Eli Lilly and Company



## A new collaboration model

- A **worldwide co-discovery** collaboration on a novel and challenging drug target
- Lilly to provide **prior discovery information and additional disease knowledge and expertise**
- Abbisko to leverage its **proprietary R&D platform** to continue the discovery work



## Potential financial benefits

- Abbisko eligible to receive up to **US\$258m in potential milestone payments**
  - Milestone to be achieved including preclinical, clinical development and commercial milestones
- **Tiered royalties** based on sales if successfully commercialized



# Well-Positioned To Thrive with Focus on Innovation and Globalization

1

Robust **in-house discovery** capability

➤➤ *Continuously deliver high-quality PCCs*

➤➤ *Sustain pipeline growth*

➤➤ *Ensure long-term success*

2

**Global clinical development** capability

➤➤ *Capture international market potential*

3

Extensive and growing pipeline with **global rights**

➤➤ *Capitalize on ex-China value through partnership*

4

Strong balance sheet with **sufficient cash**

➤➤ *Support multiple years of operation*

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# BUSINESS UPDATE

# Our Pipeline

	Assets	Target	Indication	Mono/Combo	Discovery	IND Enabling	Phase I/IIa	POC (i)	Pivotal	Partner	Rights
Precision Oncology	ABSK011	FGFR4	FGF19+ HCC	Monotherapy	Progress bar to POC (i)						Global
				Combination therapy (ii)	Progress bar to Phase I/IIa						
	ABSK012	FGFR4 mutant	RMS and other solid tumors	Monotherapy	Progress bar to Phase I/IIa					Global	
	ABSK091	pan-FGFR	FGFRalt UC	Monotherapy	Progress bar to POC (i)				Partner	AstraZeneca	Global
				Combination therapy	Progress bar to Phase I/IIa						
				Monotherapy/ Combination therapy	Progress bar to Phase I/IIa				Partner		
			Other solid tumors	Monotherapy/ Combination therapy	Progress bar to Phase I/IIa						
	ABSK061	FGFR2/3	Solid tumors	Monotherapy	Progress bar to Phase I/IIa					Global	
	ABSK121	pan-FGFR mutant	Solid tumors	Monotherapy	Progress bar to Phase I/IIa					Global	
	ABSK071	KRAS	Solid tumors	Monotherapy	Progress bar to Phase I/IIa					Global	
	ABSK112	EGFR Exon20	NSCLC	Monotherapy	Progress bar to Phase I/IIa					Global	
	ABSK131	Undisclosed	Multiple tumors	Monotherapy	Progress bar to Discovery					Global	
ABSK141	Undisclosed	Multiple tumors	Monotherapy	Progress bar to Discovery					Global		
Immuno-Oncology	ABSK021	CSF-1R	TGCT and solid tumors	Monotherapy	Progress bar to POC (i)						Global
			Solid tumors	Combination therapy	Progress bar to Phase I/IIa						
			cGvHD	Monotherapy	Progress bar to Phase I/IIa						
			ALS	Monotherapy	Progress bar to Phase I/IIa						
	ABSK081	CXCR4	TNBC	Combination therapy (iii)	Progress bar to POC (i)					X4 PHARMACEUTICALS	Greater China
			Other solid tumors	Combination therapy	Progress bar to Phase I/IIa						
			WHIM	Monotherapy	Progress bar to POC (i)						
	ABSK043	PD-L1	Multiple tumors	Monotherapy	Progress bar to Phase I/IIa					Global	
ABSK051	CD73	Multiple tumors	Monotherapy	Progress bar to Phase I/IIa					Global		
ABSK031	RORγt	Multiple tumors	Monotherapy	Progress bar to Phase I/IIa					Global		

Abbreviations: HCC = hepatocellular carcinoma; RMS = rhabdomyosarcoma; FGFRalt = FGFR altered; UC = urothelial cancer; GC = gastric cancer; NSCLC = non-small cell lung cancer; TGCT = tenosynovial giant cell tumor; cGvHD = chronic graft-versus-host disease; ALS = amyotrophic lateral sclerosis; TNBC = triple-negative breast cancer; WHIM = warts, hypogammaglobulinemia, infections and myelokathexis

i. Represents Phase I/II clinical trial    ii. In combination with anti-PD-L1 antibody atezolizumab with Roche

iii. In combination with anti-PD-1 antibody toripalimab with Junshi

# Multiple Global-Leading and Next-Generation Oncology Assets

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ABSK011  
ABSK012  
ABSK091  
ABSK061  
ABSK121

**Leading FGFR franchise with multiple next-gen FGFR inhibitors to address limitations of current pan-FGFR inhibitors**

- Two generations of selective FGFR4 inhibitors for FGFR4 wild-type and mutations
- Selective FGFR2/3 and pan-FGFR mutant inhibitors to address safety issues and resistance from current pan-FGFR inhibitors

ABSK112

**Next-gen EGFR Exon20ins inhibitor** with improved selectivity over wild-type and strong brain-penetrating ability

ABSK071

**Next-gen KRAS<sup>G12C</sup> inhibitor** with increased potency and activity in models insensitive to first-generation inhibitors

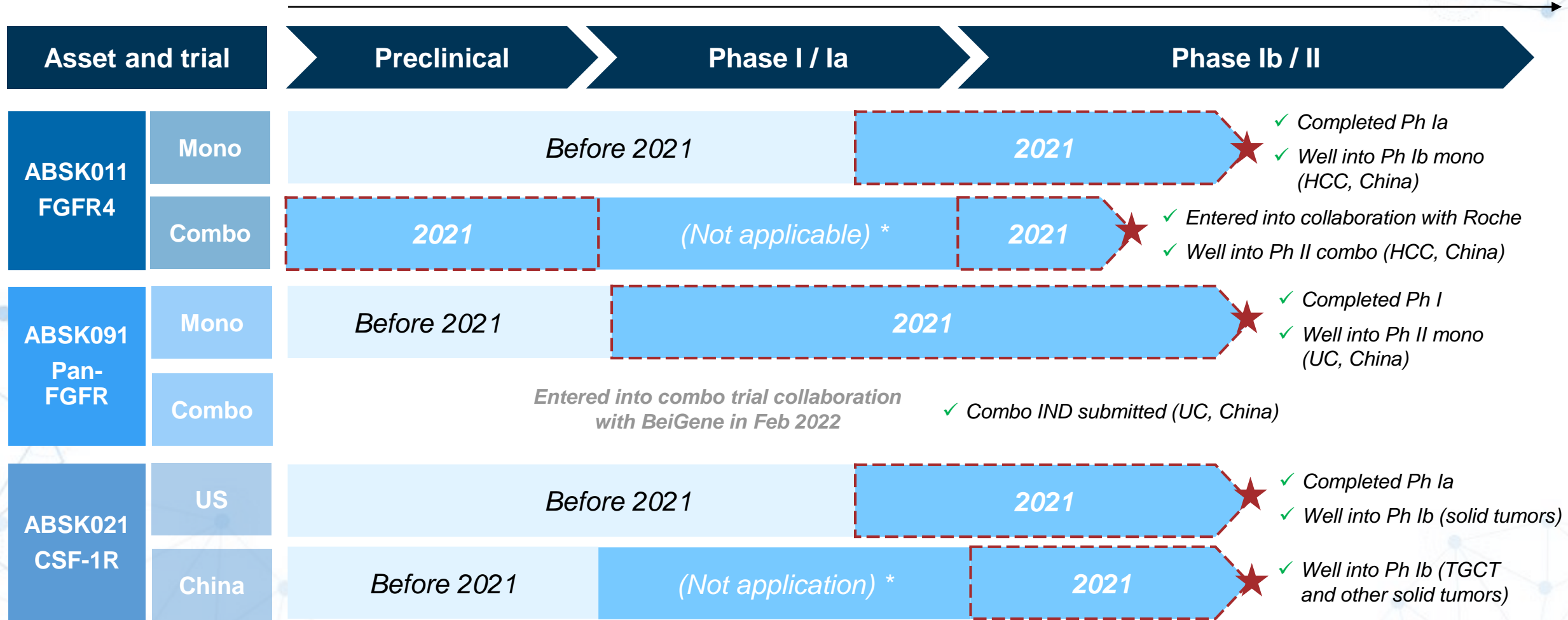
ABSK043

**Novel oral PD-L1 small molecule inhibitor** with strong potency, potentially improved safety, and broad combination opportunities

ABSK021

**Best-in-Class CSF-1R inhibitor** with superior activities, selectivity, CNS-penetrating ability, and potential application in a wide range of indications

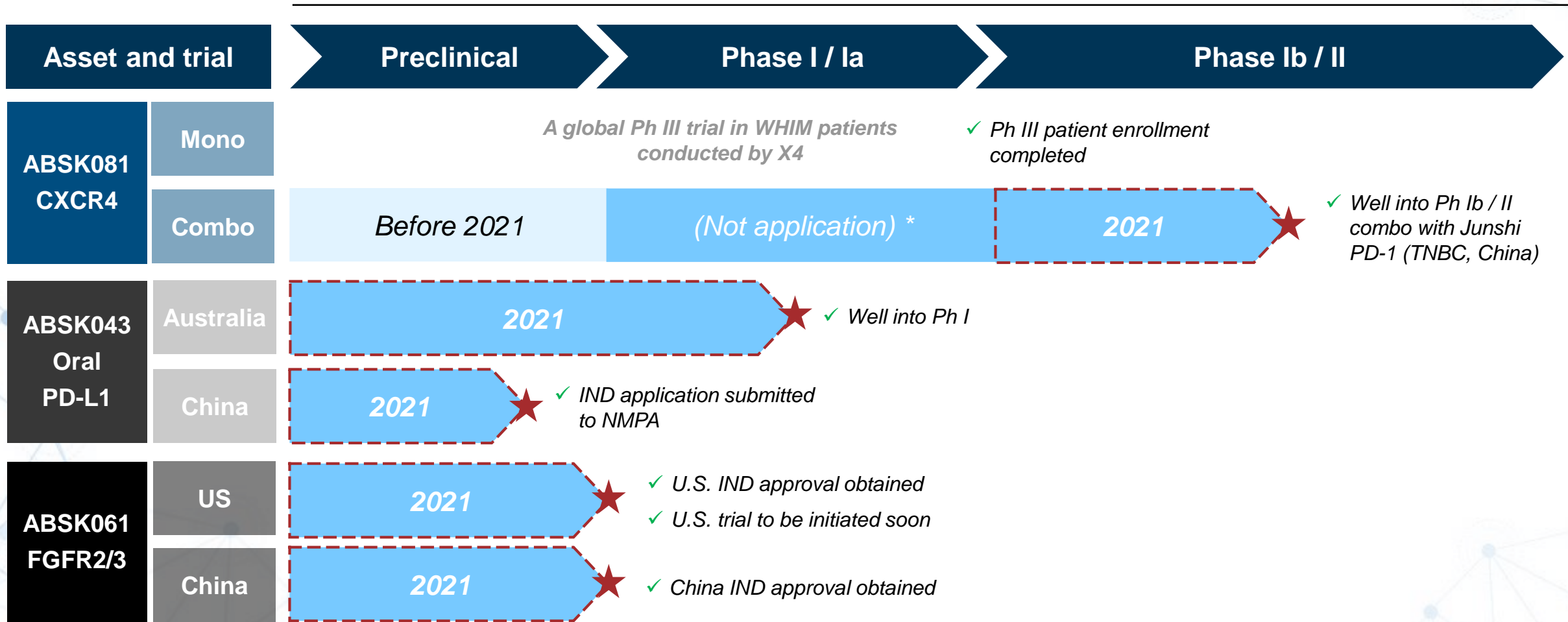
# Clinical Achievements in 2021 (Part I)



 Progress made in 2021

\* "Not applicable" means the Ph I / Ia trial is not required, either because dose escalation trial has been done already for the same compound, as in the case of ABSK011 combo trial and ABSK081 combo trial; or the dose escalation trial has been conducted in another location, as in the case of ABSK021 mono trial in China

# Clinical Achievements in 2021 (Part II)



 Progress made in 2021

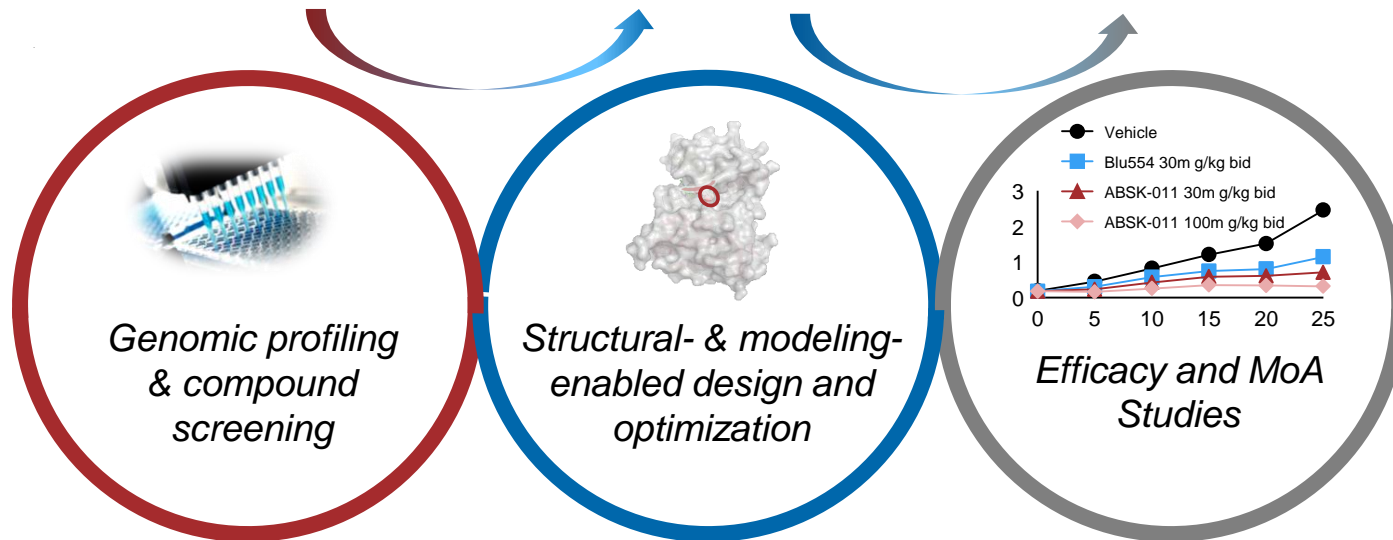
\* "Not applicable" means the Ph I / Ia trial is not required, either because dose escalation trial has been done already for the same compound, as in the case of ABSK011 combo trial and ABSK081 combo trial; or the dose escalation trial has been conducted in another location, as in the case of ABSK021 mono trial in China

# Proprietary Discovery Engine with Global Quality and Efficiency

Fully integrated end-to-end discovery engine

High efficiency with global quality and standard

Target identification & validation      Drug discovery & optimization      Translational & biomarker research



High efficiency in delivering ~2 PCCs per year

10 in-house discovered PCCs with global potential

4 PCCs already in clinical stage

Validated by co-discovery collaboration with global pharma, e.g.,

**Eli Lilly and Company**

# Our Scientific Approach

High potential next-generation small molecules

Breakthrough innovation

From 2016

From 2019

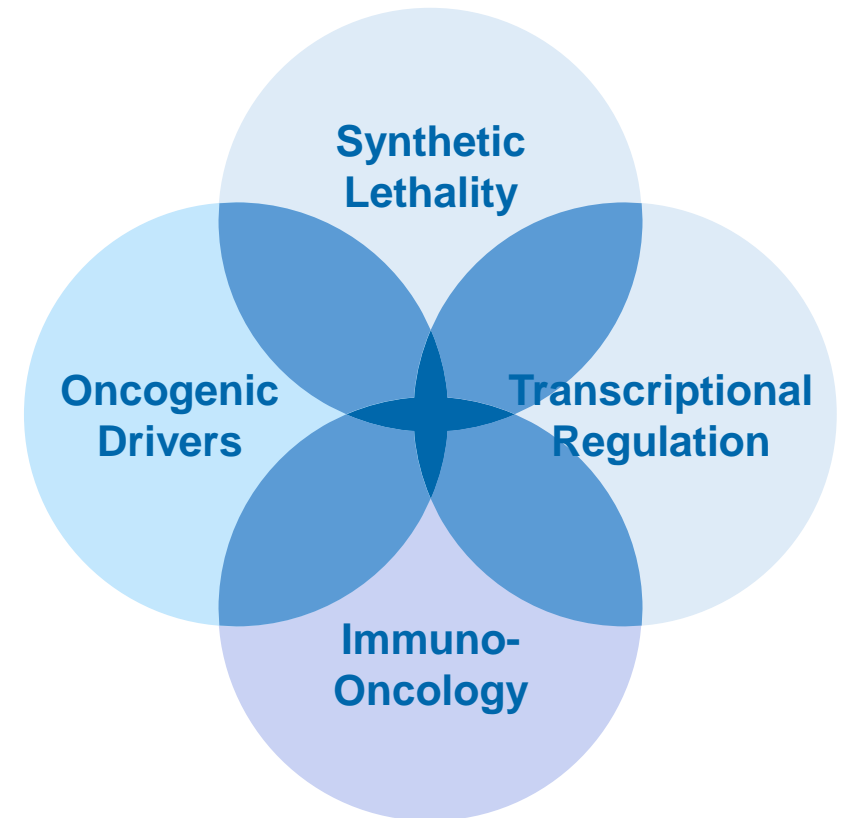
Now and near future

Precision Oncology  
(FGFR franchise)

Precision Oncology  
(next-gen K-Ras, EGFR)

Immuno-Oncology  
(4 programs targeting  
TME<sup>1</sup>)

Immuno-Oncology  
(small molecule PD-L1i)



1. tumour immune microenvironment

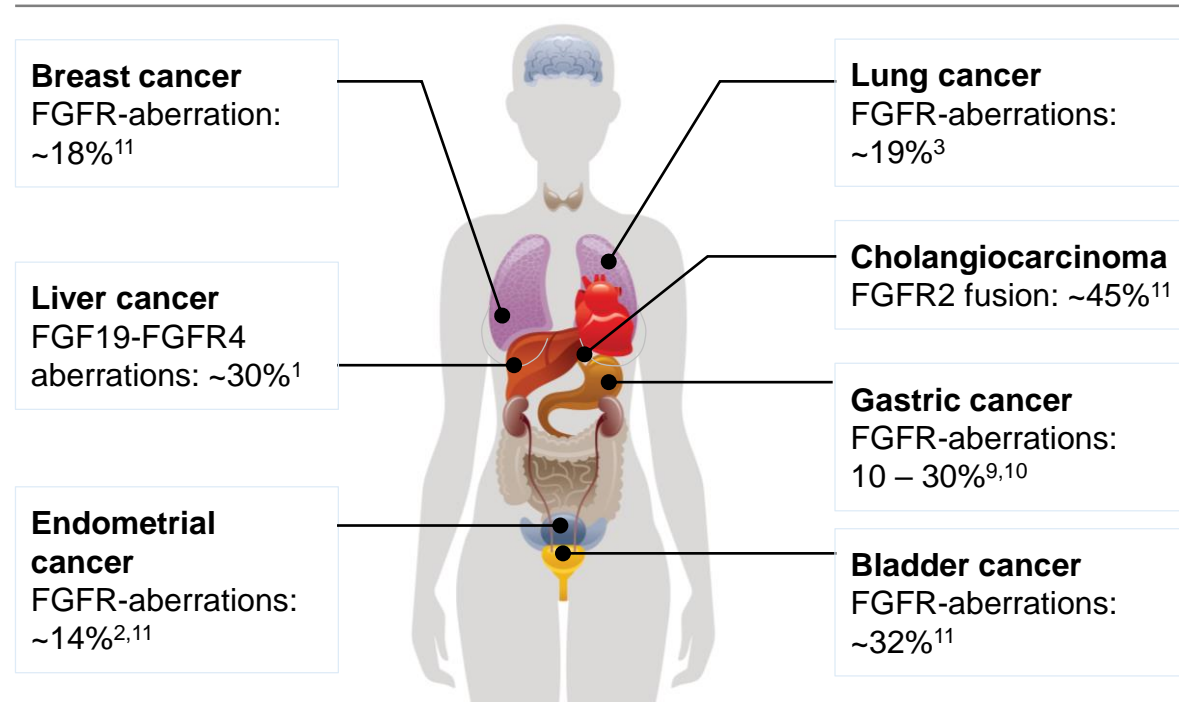


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# Precision Oncology – FGFR Programs

# FGFR1-4: Validated Pan-Cancer Targets with Large Market Potential While Current FGFR-Agents Leave Significant Unmet Needs

FGFR alterations are found in various cancers with ~1.9mn annual incidence globally<sup>4</sup>...



3 approved first-generation pan-FGFR inhibitors so far<sup>5,6,7</sup>

Large therapeutic opportunities remain after 1<sup>st</sup>-gen inhibitors due to their toxicity, limited efficacy, and acquired resistance

**Significant off-target toxicity** in human due to low selectivity for FGFR2/3/4 over FGFR1<sup>5,6,7</sup>

**76 – 92%** Hyperphosphatemia AR

**Limited efficacy** due to DLT and dose interruptions, reductions, and discontinuations<sup>5,6,7</sup>

**~30% ORR**

Frequent and quick development of **acquired resistance** observed in treated patients<sup>8</sup>

**~70% acquired resistance**

1. Frost & Sullivan. 2. Dutt, et. al. PNAS 2008. 3. Desai, et. al. J Thoracic Onc 2016. 4. Estimated 2030 (GlobalCan, DRG) from global annual incidence of FGF19+ HCC, FGFR4+ RMS, FGFR+ UC, FGFR+ Endometrial cancer, FGFR+ CCA, FGFR+ NSCLC, FGFR+ SCLC, FGFR+ GBM, FGFR+ BC, FGFR+ GC, and FGFR+ Achondroplasia (non-cancer FGFR3 genetic disorder patients) 5. Erdafitinib approved for 1L advanced / metastatic UC with FGFR2/3 alterations (NCT02365597). 6. Infigratinib approved for 2L+ advanced / metastatic CCA with FGFR2 alterations (NCT02150967). 7. Pemigatinib approved for 2L+ advanced / metastatic CCA with FGFR2 alterations (NCT02924376). 8. Goyal et al 2020 EORTC for iCCA. 9. 3. Lengyel, etl. al. MDPI Life 2022. 10. Five Prime annual report 2020. 11. Helsten et. al. CCR, 2016

Note: UC: urothelial carcinoma, HCC: Hepatocellular carcinoma, CCA: cholangiocarcinoma, BC: breast cancer, SCLC: small cell lung cancer, GC: gastric cancer, DLT: dose-limiting toxicities

Source: Frost & Sullivan; literature search; FDA.gov

# High Unmet Medical Needs Remain in FGFR-Dependent Diseases

## FGFR4 Selective Inhibitor

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- Large patient population in HCC and other cancer
- Pan-FGFR inhibitors not suitable due to side effects
- Currently no approved FGFR4 inhibitors in market

## FGFR2/3 Selective Inhibitor

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- Current pan-FGFR inhibitors carry hyperphosphatemia in clinic due to FGFR1 inhibitory activity
- Improved selectivity to
  - Reduce hyperphosphatemia
  - Increase therapeutic window and efficacy

## FGFR Resistant Mutations

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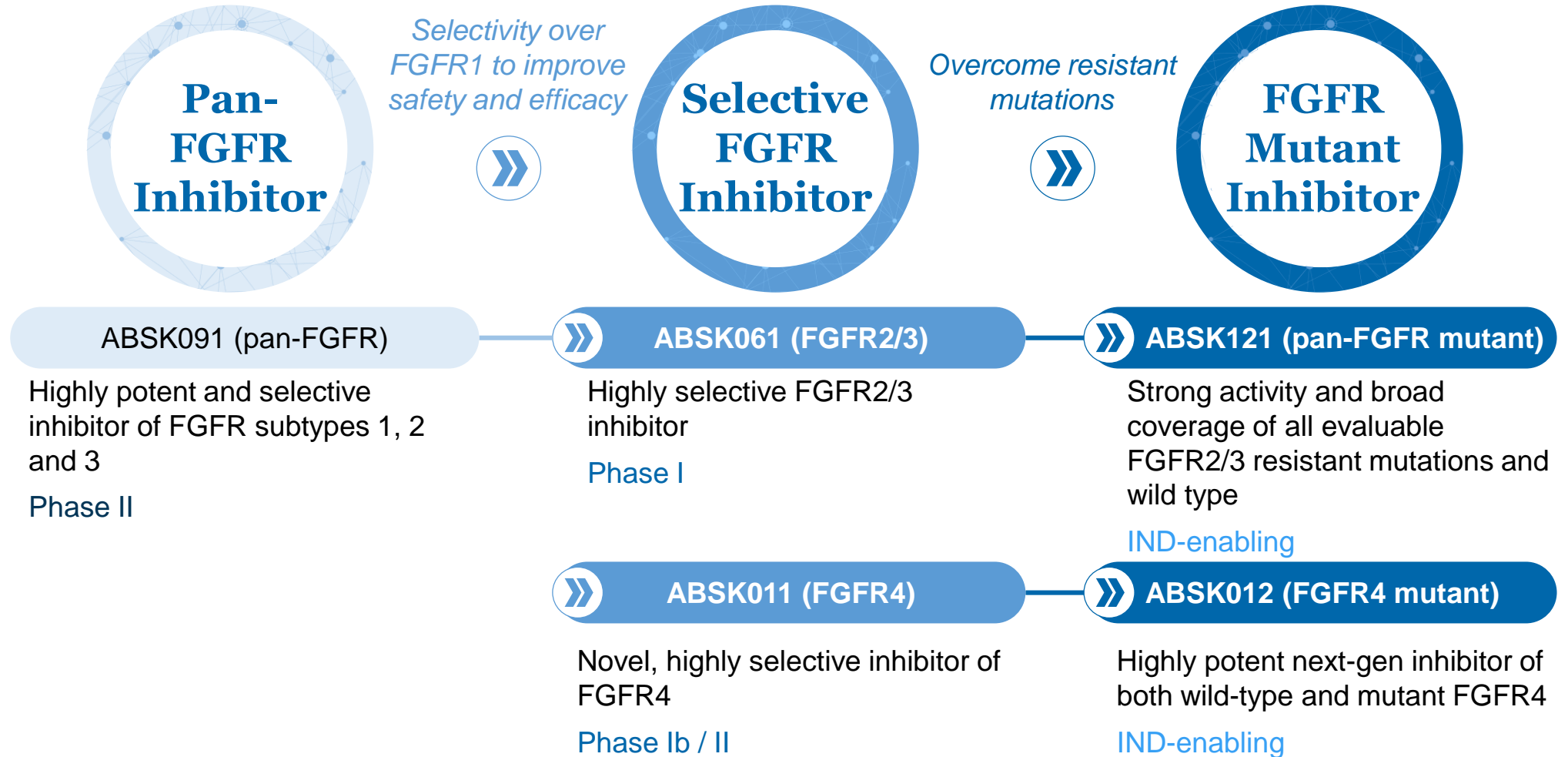
- Acquired resistant mutations occurred upon treatment with current pan-FGFR inhibitors
- De novo resistant mutations exist in many cancer types
- Current pan-FGFR inhibitors have limited activities against most gatekeeper and solvent-front mutations

# Leading FGFR Franchise with Multiple Next-Generation FGFR Inhibitors to Address Unmet Medical Needs for FGFR-Driven Patients

## Indication coverage

*GC, lung cancer, and other solid tumor<sup>1</sup>*

*HCC, RMS and other solid tumors*



1. FGFR3 mutation is also found to cause majority of achondroplasia (non-oncology) patients

# ABSK011 and ABSK012: Selective FGFR4 Inhibitors for Wild-Type FGFR4 and Its Resistant Mutations

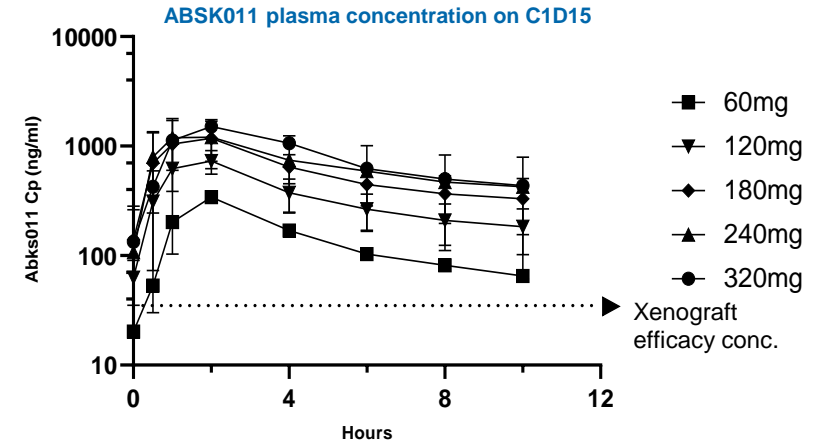


**Globally leading FGFR4 inhibitor with best-in-class potential** in phase Ib/II clinical trials for HCC with FGF19 overexpression

- **Strong on-target activity**
- **Improved drug-like properties** (e.g., PPB, solubility)
- **Superior clinical PK and safety profile**

Current status: Phase Ib/II

**Excellent human PK with sufficient coverage of target**

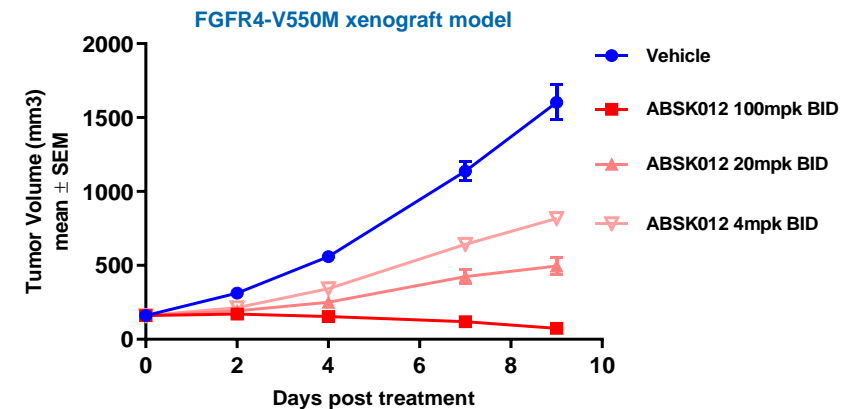


**Globally leading mutant FGFR4 inhibitor** for both *de novo* and acquired mutations

- **Boosted potency** for resistant mutations leading to improved *in vivo* efficacy
- Retained **activities against wild-type** FGFR4
- Excellent physical-chemical and drug-like properties

Current status: IND-enabling; IND filing expected in 2022

**Strong efficacy against FGFR4 mutant *in vivo***



# ABSK061 and ABSK121: Next-Generation FGFR Inhibitors to Improve Safety and Efficacy or Overcome Resistance

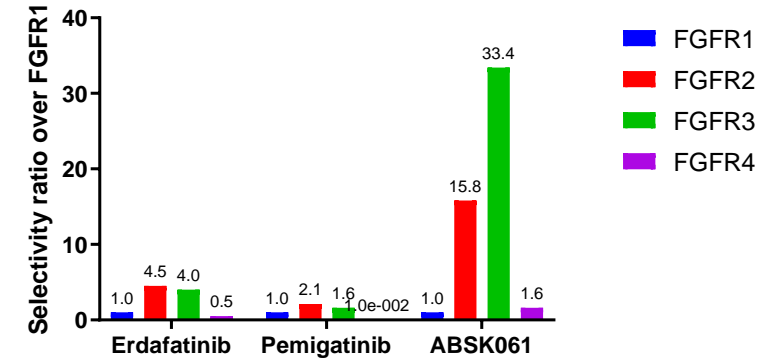


**Global leading, clinical stage FGFR2/3-selective inhibitor** designed to reduce FGFR1-dependent hyperphosphatemia and boost efficacy

- **Strong potency on FGFR2/3**
- **Significantly improved selectivity** over FGFR1
- Validated preclinical efficacy in various models

Current status: US and China IND approval obtained

Improved selectivity over FGFR1 compared to current pan-FGFR inhibitor

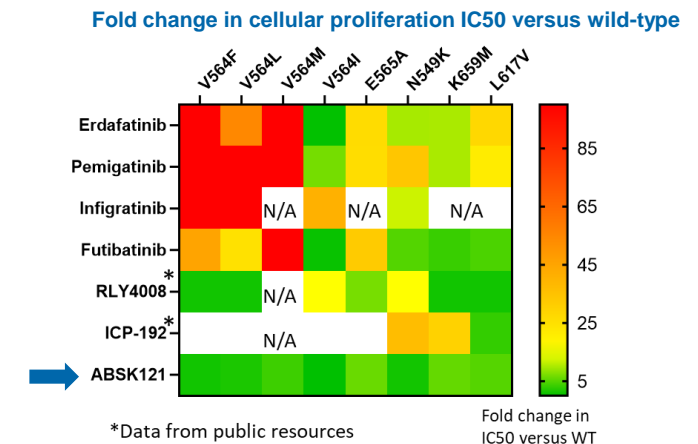


**Leading next-generation pan-FGFR inhibitor that overcomes resistant mutations** found in ~70% of patients treated with prior FGFR inhibitors

- **Superior potency and broadest coverage across major mutations**, leading to strong *in vivo* efficacy
- **Excellent preclinical PK and safety** with strong target engagement

Current status: IND filling expected in 2022

Superior activity against major FGFR2/3 mutations



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## **Precision Oncology – Two Recently Declared Next-Generation Candidates**

# ABSK112: Next-Generation EGFR-Exon20ins Inhibitor with Improved Selectivity over Wild-Type and Strong Brain Penetrating Ability

Current EGFR-exon20ins inhibitors face significant challenges in efficacy and safety

**Off-target toxicity** are frequently associated with the approved and clinical stage EGFR-exon20ins inhibitors, likely limiting their efficacy

**Poor coverage** of a number of mutant variants

Several of the clinical compounds **lack brain penetration ability** for the treatment of brain metastasis

ABSK112 has excellent selectivity, broad spectrum mutation coverage, and brain penetrating ability



**Excellent selectivity for exon20ins mutations** over wild-type EGFR and other RTKs to limit off-target toxicity



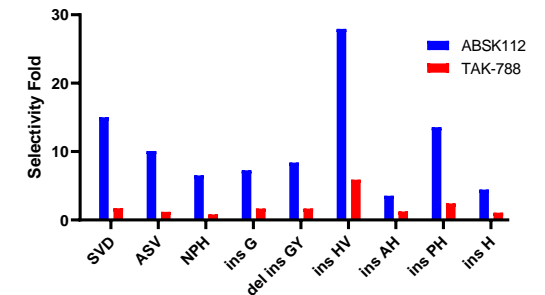
**Superior *in vivo* efficacy** in various EGFR-exon20ins xenograft models



**Excellent brain penetration** demonstrated by preclinical BBB penetration and Kp results

Significantly improved selectivity for EGFR Exon20 insertion mutations

Fold change in cellular proliferation IC50 vs. wild-type



Current status: IND-enabling study



# ABSK071: Next-Generation KRAS<sup>G12C</sup> Inhibitor with Increased On-Target Potency and Activity in Models Insensitive to Current Inhibitors

Room to further improve efficacy of current KRAS<sup>G12C</sup> inhibitors through optimized potency, solubility and PK properties

The efficacy of current KRAS<sup>G12C</sup> inhibitors are limited due to suboptimal drug properties:

- Insufficient potency on KRAS<sup>G12C</sup> inhibition and **limited efficacy, particularly in patients with certain genetic background** such as NSCLC with KEAP1 co-mutations
- **Less desired** drug-like properties

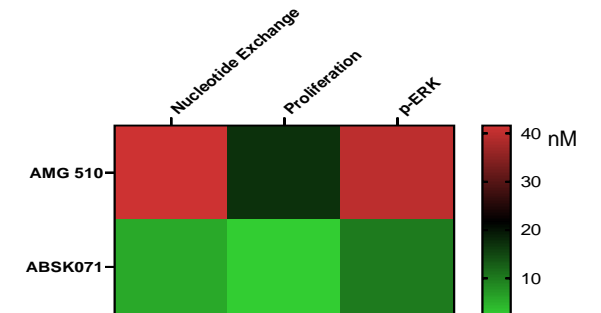
ABSK071, a next-gen KRAS<sup>G12C</sup> inhibitor demonstrating superior efficacy and PK properties

**Improved potency over** sotorasib and adagrasib on multiple KRAS<sup>G12C</sup>-dependent cell lines

**Superior *in vivo* efficacy** than sotorasib across NSCLC and pancreatic tumor models

**Superior potency for KRAS<sup>G12C</sup> mutation compared to AMG (sotorasib)**

IC50 conc. of KRAS<sup>G12C</sup> inhibition by different assays



**Improved solubility** and **better PK coverage**

Current status: IND-enabling study

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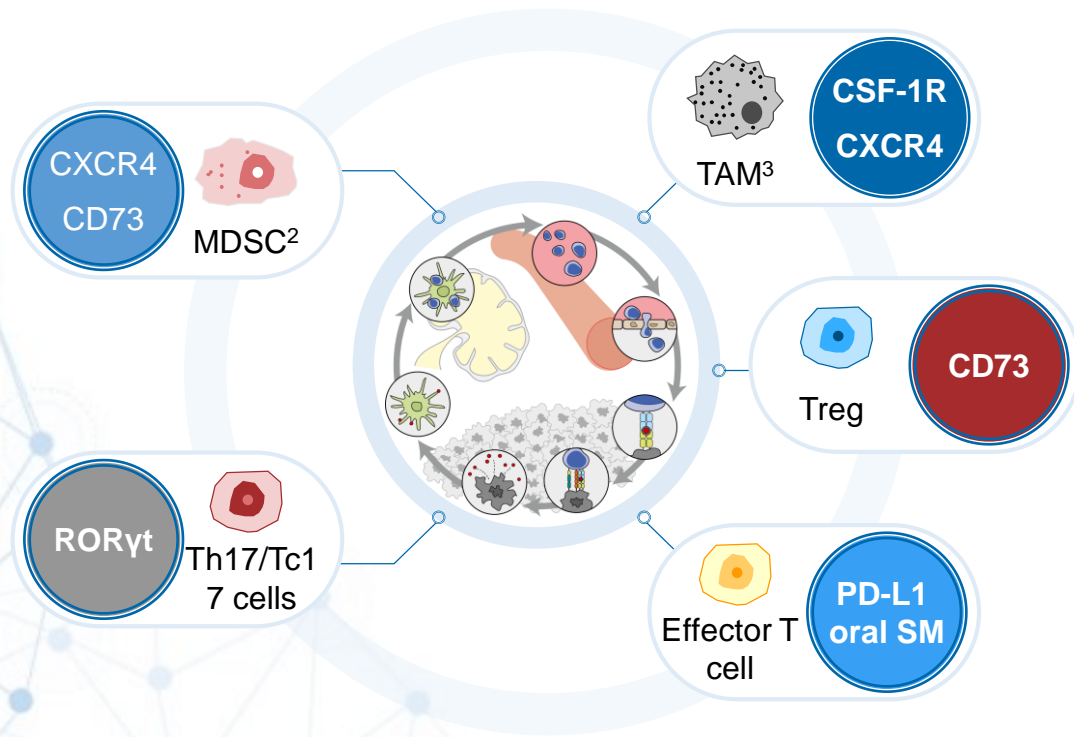


# Immuno-Oncology

# Immuno-Oncology Small Molecule Franchise

*Comprehensive coverage of broad tumor immune mechanisms*

## Targeting a broad range of cancer immune cells



### ABSK021 – small molecule CSF-1R inhibitor

- Broad indications (macrophage-dependent diseases)
- In Ph Ib dose expansion study in mainland China and the U.S.

### ABSK043 – small molecule PD-L1 inhibitor

- Specifically binds to PD-L1, leading to PD-L1 dimerization, conformational changes and internalization from the cell surface
- Demonstrates strong in vivo efficacy, comparable to anti-PD-L1 antibodies
- In Ph I study in Australia

### ABSK081 – small molecule CXCR4 antagonist

- Currently the only orally bioavailable CXCR4 modulator in clinical development globally
- In Ph Ib/II combo study with toripalimab (anti PD-1 antibody) for TNBC

### ABSK051 – small molecule CD73 inhibitor

- Demonstrated strong efficacy in vivo in various animal models
- In IND-enabling study

### ABSK031 – small molecule RORyt agonist

- Potent activity in activating RORyt and promoting TH17 cell differentiation in rat spleen after oral dosing
- Demonstrated strong anti-tumor efficacy, excellent PK characteristic, physical-chemical and safety profiles

# ABSK043: Oral PD-L1 Small Molecule Inhibitor with Strong Potency, Improved Safety and Broad Combination Potential

## Oral PD-L1 small molecules potentially offer unique advantages over PD-(L)1 mAbs

- **Enhanced efficacy** in selected tumor types potentially due to limited immunogenicity and better tissue penetration
- **Better safety** from dynamic dosing regimen and adjustable PK exposure
- **Improved access and convenience** with oral dosing and in combination with other small molecules

**Clinical POC has been demonstrated for Oral PD-L1 small molecule inhibitor<sup>1</sup>**

## ABSK043, a clinical stage oral PD-L1 small molecule inhibitor with excellent preclinical profile

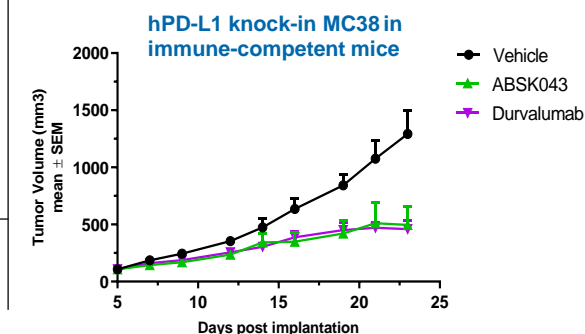
**Superior *in vitro* potency and safety profile** than competing molecule INCB-86550<sup>2</sup>

**Comparable *in vivo* efficacy as PD-L1 mAb** in pre-clinical models

**1<sup>st</sup> PD-L1 small molecule inhibitor demonstrated combination synergy** with several other agents in multiple preclinical models

Current status: Phase I ongoing in Australia; IND filed in China

### Equivalent anti-tumor efficacy as PD-L1 mAb *in vivo*



1. ~12% ORR in efficacy-evaluable patients from INCB86550 dose escalation/expansion trials (data cut off 2021/4); 60% ORR for MSI-high/dMMR, IO naive patients (3 patients with MSI-high colon cancer or dMMR gastric cancer, out of 5 evaluable patients)  
2. The 1st oral PD-L1 small molecule inhibitor demonstrated clinical response by Incyte

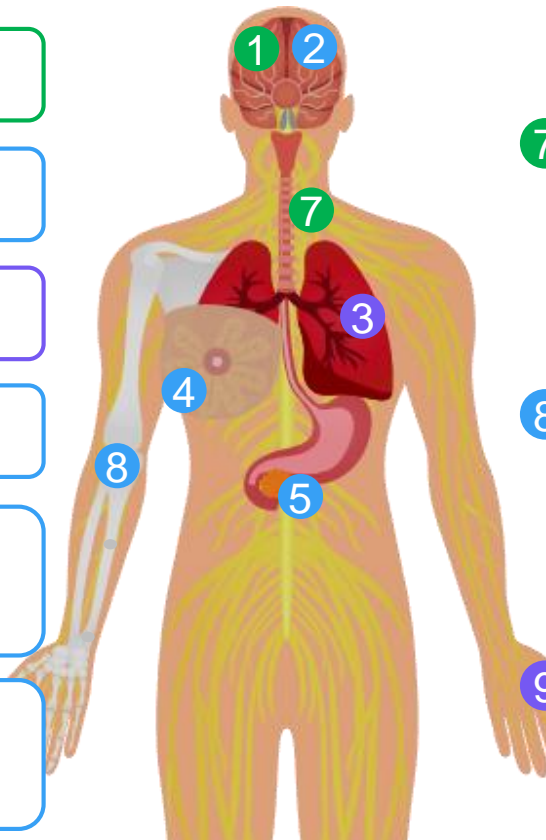
# ABSK021: A Clinically Validated Target Linked to Many Diseases with High Unmet Needs and Market Potential

Neuro-degenerative  Oncology  Other TAs

CSF-1R plays critical roles in various macrophage-dependent diseases with significant unmet medical needs...

...and is a clinically validated target

- 1 Alzheimer's
- 2 GBM
- 3 IPF
- 4 TNBC
- 5 Pancreatic cancer
- 6 Other solid tumors



**7 ALS** Short survival with limited treatment<sup>1</sup>      masitinib      **25% delay in disease progression<sup>2</sup>**

**8 TGCT** Only 1 orphan treatment with high toxicity<sup>3</sup>            **29-41% ORR<sup>3, 4</sup>**

**9 GvHD** High mortality after onset<sup>5</sup>      axatilimab      PoC from CSF-1R mAb<sup>6</sup>

  
**Clear and accelerated path for clinical success through TGCT**

- **No target therapy approved for nonresectable TGCT in China and other regions outside of the US**
- **ABSK021 is in phase Ib trials for TGCT and solid tumors in China and US**

1. Majority patients die 2-5 year within diagnosis. 2. Non-selective CSF-1R inhibitor masitinib trial in ALS show inhibition of CSF-1R leads to increased PFS from 16mo (control) to 20mo (N=218). 3. Pexidartinib (approved) ORR 38%; FDA approval includes boxed warning, Risk Evaluation and Mitigation Strategy (REMS), and intensive liver monitoring due to possible off-target hepatotoxicity risks and was rejected by the EMA. 4. Vimseltinib Phase I trial ORR 41% (N=22). 5. 10 yr survival rate is ~42% after onset. 6. Axatilimab phase 1/2 trial ORR=68% (N=31, data cut off 2021/10).

Note: ALS: amyotrophic lateral sclerosis; TNBC: triple-negative breast cancer; GBM: glioblastoma; IPF: idiopathic pulmonary fibrosis.

# ABSK021: A Potential Best-In-Class, Clinical-Stage CSF-1R Inhibitor with Superior Activity, Selectivity, and Brain Penetrating Abilities

## Current CSF-1R inhibitors face significant challenges in efficacy and safety



Approved CSF-1R inhibitors showed **off-target toxicities** due to poor selectivity



Other clinical stage CSF-1R inhibitors exhibited **unsatisfactory brain penetrating abilities**



Competitor CSF-1R inhibitors showed **various weaknesses**<sup>1</sup>, e.g.,

- Long half life of vimseltinib leading to **drug accumulation and inconvenient regimen**<sup>2</sup>
- BLZ945 showed **poor selectivity**<sup>3</sup>

## ABSK021's improved selectivity, potency, and CNS penetrating abilities lead to better preclinical and clinical activities

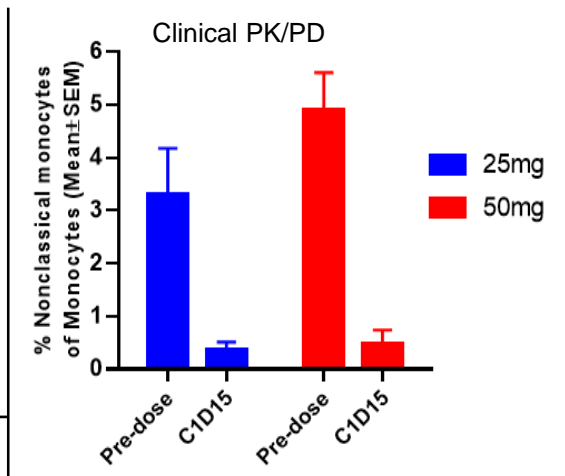
**Improved selectivity and potency for CSF-1R** across various assays *in vitro* and in cells

**Excellent brain penetration** and other drug-like properties across species

**Excellent *in vivo* PD inhibition** of microglia in mouse brain

**Strong *in vivo* efficacy in cancer models** with broad combination potential

**Clinically demonstrated superior** in human **PK/PD** profile



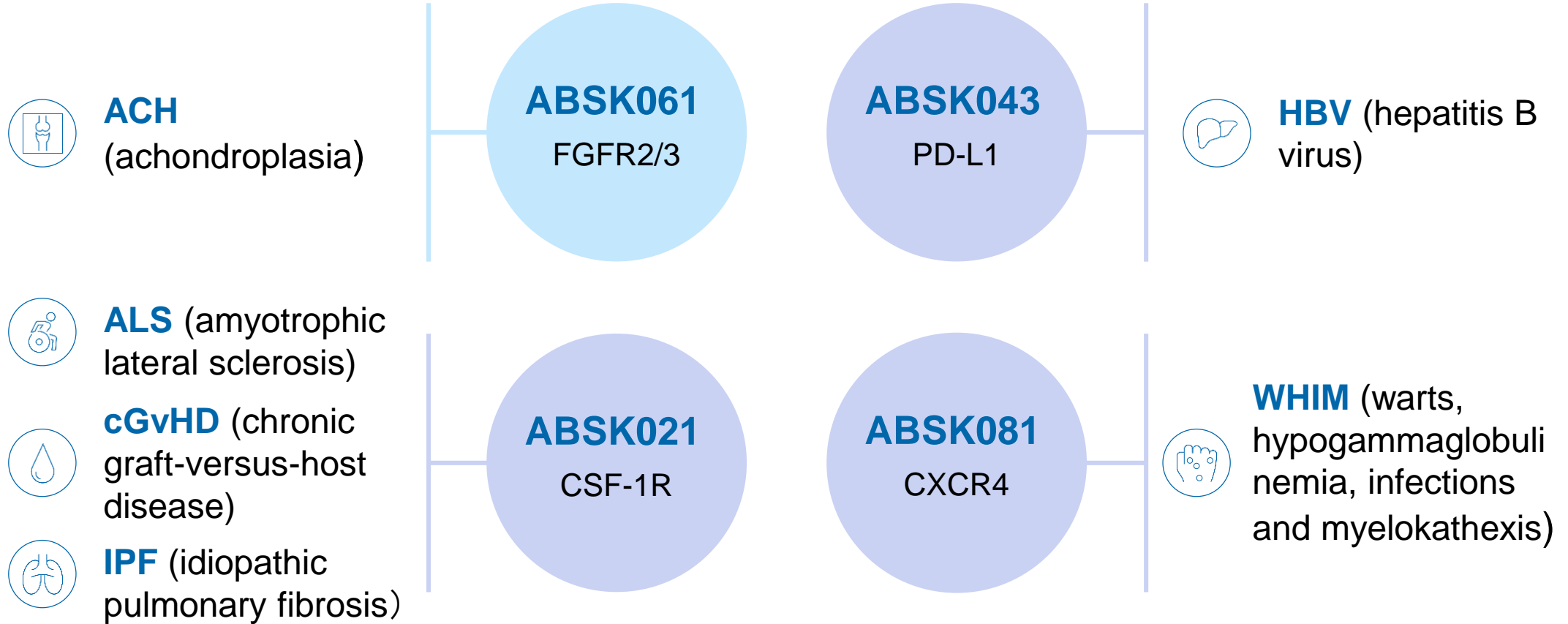
Current status: Phase Ib trial for TGCT and other solid tumors ongoing in China and US

1. CSF-1R mAb (in clinical stage) leads to high level of CSF induction that could result in resistance and unwanted toxicities, and other mAb-specific AEs. 2. DCC3014 AACR NCI EORTC 2019: 30 mg/kg twice per week as RP2D to maximize the exposure with an acceptable safety profile; the optimized regimen can be inconvenient for patients and may be easily missed in comparison to once daily. 3. Potential off-target inhibition of PDGFR-alpha (revealed in Km ATP-caliper assay and BaF3-PDGFR cellular data)

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## Potential for Disease Areas Beyond Oncology

# Great Potential Beyond Oncology





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# Business Development

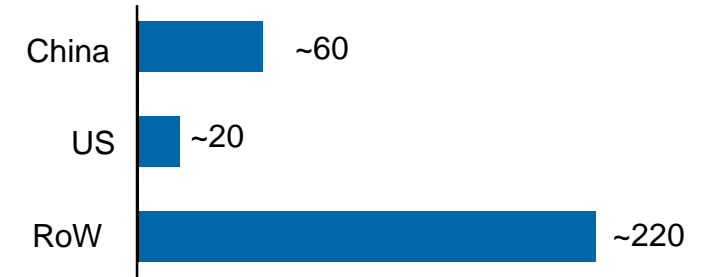
# Out-licensing Agreement with Sperogenix for ABSK021 in Non-Oncology Neurological Indications



<b>Assets</b>	<ul style="list-style-type: none"> <li>ABSK021, a CSF-1R inhibitor developed by Abbisko in-house</li> </ul>
<b>Region</b>	<ul style="list-style-type: none"> <li>Mainland China, Hong Kong SAR and Macao SAR</li> </ul>
<b>Disease area</b>	<ul style="list-style-type: none"> <li>Non-oncology neurological rare disease indications</li> <li>Amyotrophic lateral sclerosis (“ALS”) will be the first indication to be developed by Sperogenix</li> </ul>
<b>Upfront and milestone payments</b>	<ul style="list-style-type: none"> <li>Up to US\$270.5 million in aggregate for upfront payment, development and commercial milestone payments</li> </ul>
<b>Royalties</b>	<ul style="list-style-type: none"> <li>Based on net sales</li> </ul>



Total ALS Patient Numbers (k)



- ALS is a motor neuron disease characterized by progressive muscle weakness and wasting, with eventual paralysis.
  - Every 90 minutes, a new patient is diagnosed with ALS;
  - An average person has 1/400 lifetime risk of developing ALS;
  - Average survival 2-4 years, 5-year survival <10%
- Only two drugs were approved by FDA for ALS in the last 25 years, yet no cure for this fatal disease currently.
- CSF-1/CSF-1R signaling regulates microglial proliferation, survival and activation, which plays critical role in various CNS diseases including ALS and Alzheimer’s disease.

# Broad Collaborations with Leading Pharmaceutical Partners

## Product In-licensing

 AstraZeneca  Global rights in-licensing of ABSK091

 X4 PHARMACEUTICALS  China rights in-licensing of ABSK081

## Product Out-licensing

 Sperogenix THERAPEUTICS



Out-licensing of ABSK021 China rights in non-oncology rare neurological diseases including ALS, with upfront payment and potential milestone payments in total up to ~US\$270m

## Drug Co-discovery

 Lilly

Worldwide co-discovery collaboration on a novel and challenging drug target, with up to US\$258m in potential milestone payments

## Drug Co-development

 Roche

ABSK011 combo therapy with PD-L1 antibody atezolizumab



BeiGene

ABSK091 combo therapy with PD-1 antibody tislelizumab



君实生物  
TopAlliance

ABSK081 combo therapy with PD-1 antibody toripalimab

## Strategic Partnership

 AstraZeneca  Strategic collaboration in various areas including commercialization and investment

 SPH 上海医药 SHANGHAI PHARMA

Strategic collaboration including commercialization, marketing and other cooperation

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# FINANCIAL UPDATE

# Robust Financial Position to Support Future Business Growth

## Strong cash position

~US\$400m cash and cash equivalents to fund business activities with no near-term fund-raising pressure

## Disciplined financial operation

- Cash burn related to business operation of ~US\$37m <sup>(i)</sup> in 2021
- Committed to operational efficiencies, with budget of coming years well planned and controlled
- Estimated cash burn of up to ~US\$100m in 2022

## Cash inflow

- Interest income of ~US\$2.7m in 2021
- License income (upfront payment) of ~US\$3.5m from BD partner in 2021

Note: All historical financials are as of December 31, 2021, based on currency conversion rate of USD:CNY = 6.3559 as of December 31, 2021

(i) Cash burn related to business operation calculated as R&D expenses + administrative expenses – share-based compensation cost – IPO related expenses

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# CLOSING REMARKS AND 2022 OUTLOOK

# 2022: First Wave of Clinical Proof-of-Concept Data on the Horizon

Pipeline	Target	Clinical trial	Stage	Event	1H 2022	2H 2022	1H 2023
<b><i>Clinical candidates</i></b>							
ABSK011	FGFR4	2L HCC, mono	Phase Ib	Preliminary POC readout		★	
		1L/2L HCC, combo	Phase II	Preliminary data readout			✓
ABSK091	Pan-FGFR	2L UC, mono	Phase II	Preliminary POC readout		★	
		1L/2L UC, combo	Phase II	IND filing	✓		
ABSK021	CSF-1R	TGCT, other solid tumors	Phase Ib	Preliminary POC readout in TGCT cohort		★	
ABSK081	CXCR4	TNBC, combo	Phase Ib	Preliminary data from certain patients			✓
		WHIM	Phase III	Top-line data readout		★	
ABSK043	PD-L1	Solid tumors	Phase I	Determine recommended dose for expansion		✓	
ABSK061	FGFR2/3	Solid tumors	Phase I	Trial start	✓		
<b><i>IND-enabling candidates</i></b>							
ABSK121	FGFR mut.	Solid tumors	IND-enabling	IND-filing		✓	
ABSK051	CD73	Multiple tumors	IND-enabling	IND-filing		✓	
ABSK012	FGFR4 mut.	RMS and/or HCC	IND-enabling	IND-filing		✓	



**Thank You**

*Abbisko* 和營