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ANTENGENE

# ANTENGENE INVESTOR PRESENTATION

TREATING PATIENTS BEYOND BORDERS

JULY 2022

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ANTENGENE

## I. COMPANY OVERVIEW



# Realizing Our Vision of Treating Patients Beyond Borders

## Commercialization in Multiple Markets

- **XPOVIO®** approved in mainland China, Australia, Korea and Singapore
- Expecting approvals in **Hong Kong and Taiwan** markets in 2022
- ~188 person commercial team in Greater China and APAC

## Clinical and Regulatory Operations

- Multi-regional clinical trials with **24 INDs** obtained across regions including mainland China, Australia, and US
- **Studies ongoing in China, Australia and US** including programs with wholly owned global rights

## Global Partnerships



Global Management Team with Deep Local Experience and Insights Working Seamlessly Across Regions



Jay Mei, M.D., Ph.D.

Founder / Chairman / Chief Executive Officer

Kevin Lynch, M.D.  
Chief Medical Officer



John F. Chin, MBA  
Chief Business Officer



Eitan Liu  
Chief Operating Officer



Yiqiang Zhao, M.D., Ph.D.  
Executive Director, Clinical Development



Jasmine Sun, M.D., MPH  
Corporate Vice President, Head of Clinical Operations



Zhinuan Yu, Ph.D.  
Corporate Vice President, Biometrics & Regulatory Enabling Functions



Bo Shan, Ph.D.



Donald Lung, JD, MBA  
Chief Financial Officer



Yijun Yang, Ph.D., Sc.D  
Corporate Vice President, Head of Clinical Enabling Functions & Operational Excellence



Godfrey Guo, M.D.  
Executive Director, Medical



Thomas Karalis  
Corporate Vice President, Head of Asia Pacific Markets



Lixin Yu  
Head of Hematology Business Unit, China



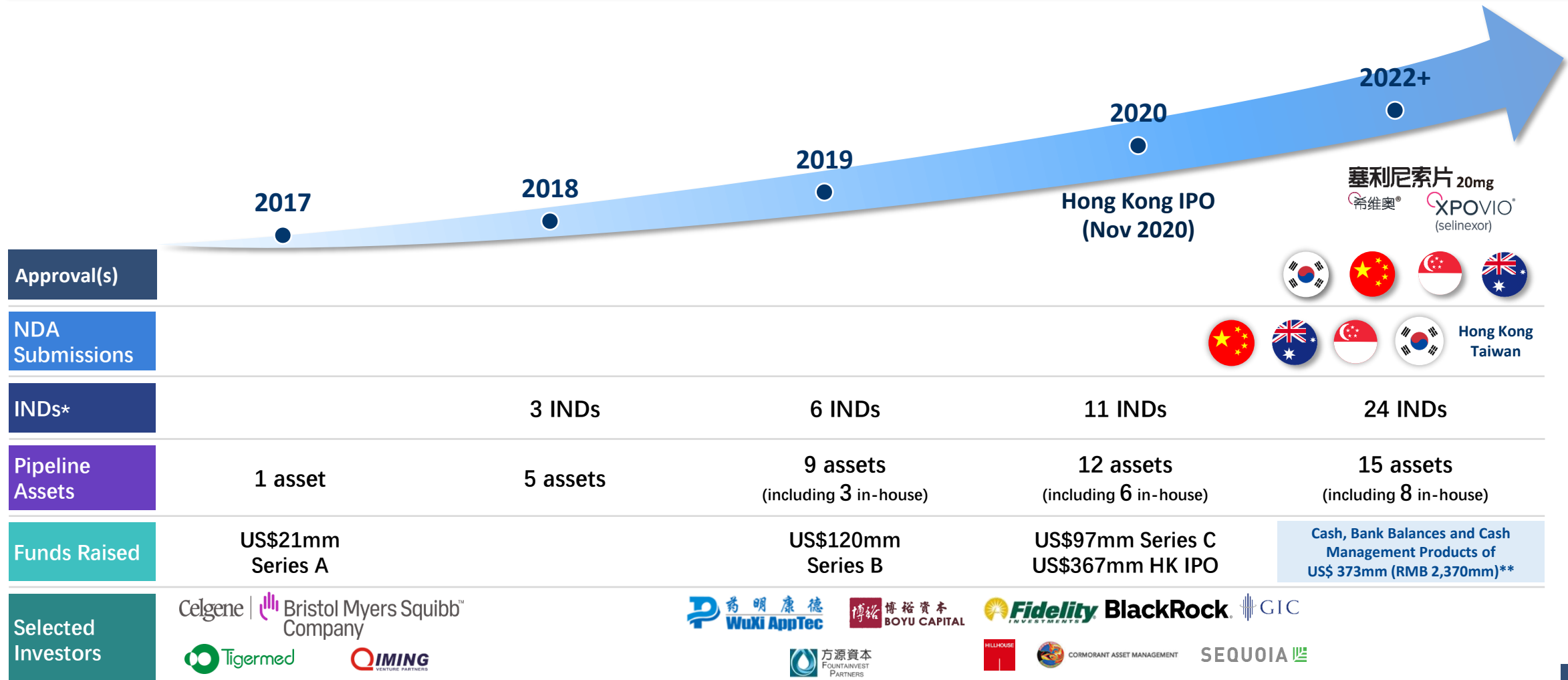
Track Record of Antengene Management Team



# Dual Engine of Growth Through Value-adding Partnerships and In-house Discovery



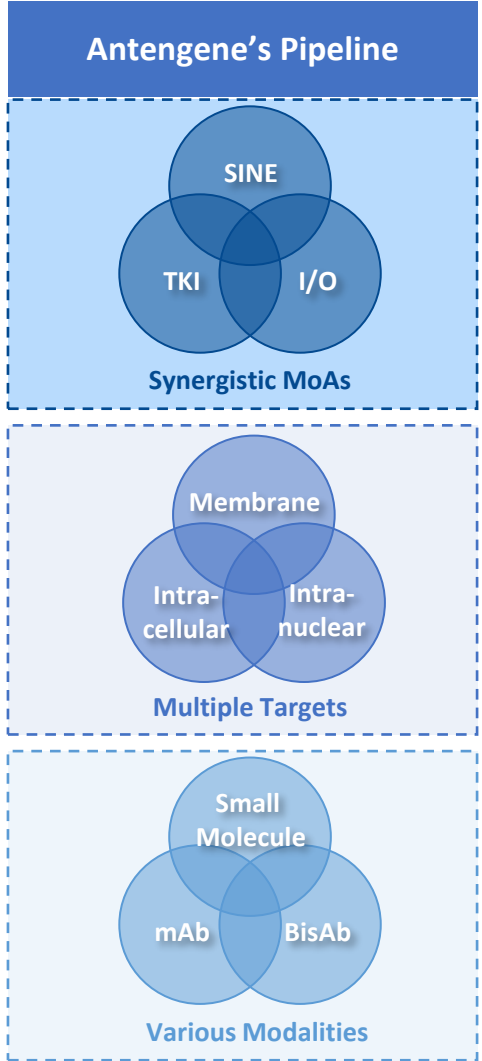
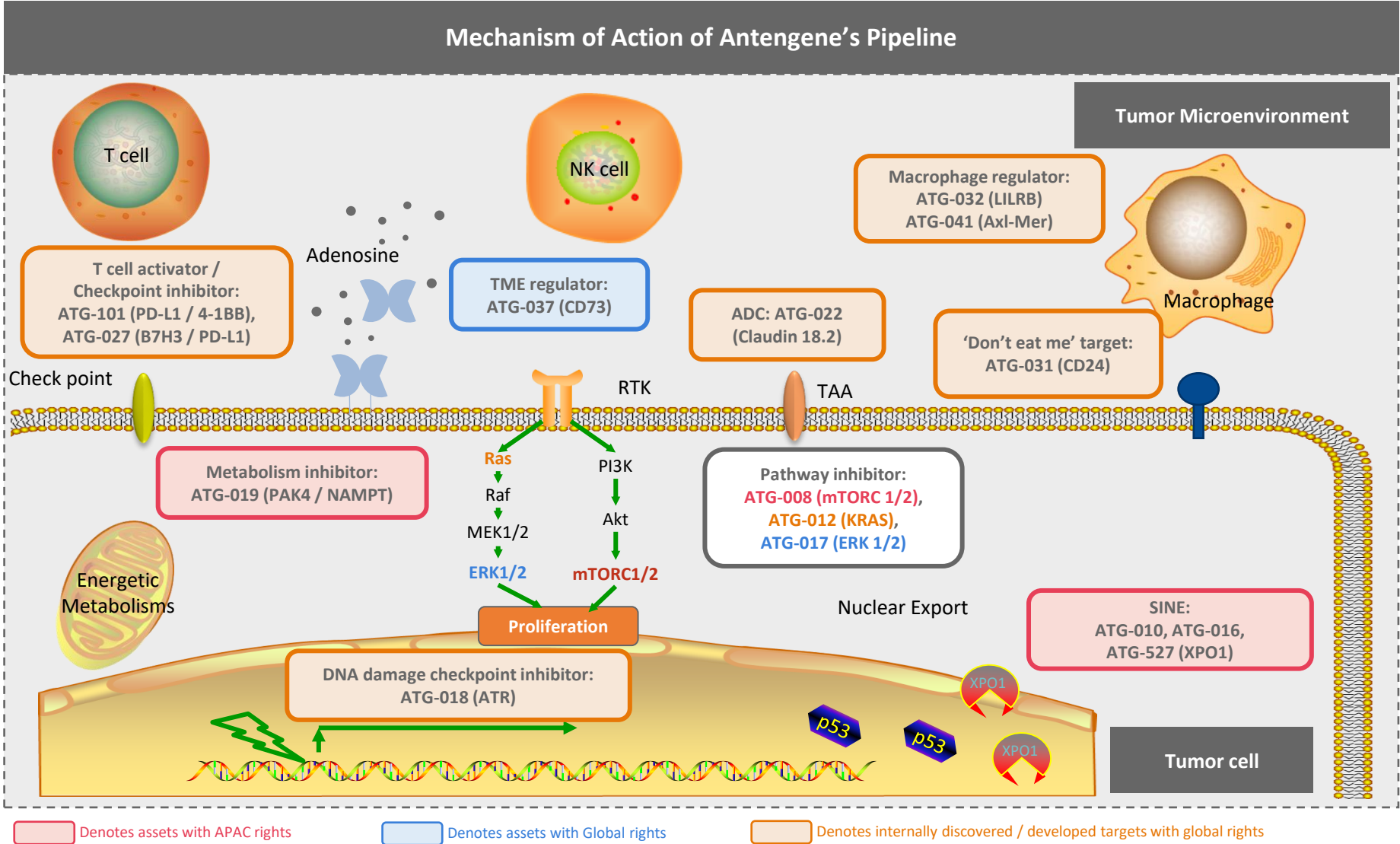
Rich Pipeline with Commercialization Across Multiple Markets, Driven by Strong Execution Capabilities



\* Total # of IND/CTA approvals obtained

\*\* As of 31<sup>st</sup> December 2021; USD/RMB exchange rate of 1/6.35 as of 17<sup>th</sup> March 2022

# The Antengene Pipeline Includes Multiple Novel Immuno-oncology and Targeted Assets – Allowing Broad Proprietary Combinations



# 2021 Achievements and Recent Corporate Updates



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Cash, Bank Balances and Cash Management Products – US\$ 373mm (RMB 2,370mm)

## Commercial Launch of XPOVIO® across Asia



- ✓ 2021 Revenue of **RMB28.8 mm**, primarily contributed by NPP Program
- ✓ NDA Approval by **China's NMPA** in Dec 2021
- ✓ NDA Approval by **Australia's TGA** and **Singapore's HSA** in Mar 2022
- ✓ NDA Approval by **South Korea's MFDS** in Jul 2021
- ✓ Expansion of commercial team to **188 members** across APAC
- ✓ **CSCO Diagnosis and Treatment Guidelines 2021 inclusion** for multiple selinexor regimens in multiple myeloma and lymphoma

## Late Stage Clinical Programs



- ✓ **ATG-010 Selinexor**
  - **5 registrational studies** on-going in mainland China for ATG-010 (selinexor), including **3 global trials** in collaboration with Karyopharm
  - Data presentation in **ASCO 2021** and **ASH 2021**

## Global Rights Assets



- ✓ **4 Global rights assets** in clinical development
  - ATG-017 (ERK1/2 small molecule inhibitor)
  - ATG-101 (PD-L1/4-1BB bispecific antibody)
  - ATG-037 (CD73 small molecule inhibitor)
  - ATG-018 (ATR small molecule inhibitor)
- ✓ **Research data presentation in multiple medical conferences**
  - **SITC Annual Meeting Nov 2021**
    - ATG-017 (ERK1/2 small molecule inhibitor)
    - ATG-101 (PD-L1/4-1BB bispecific antibody)
  - **AACR Annual Meeting Apr 2022**
    - ATG-037 (CD73 small molecule inhibitor)
    - ATG-018 (ATR small molecule inhibitor)
    - ATG-022 (Claudin 18.2 ADC)
    - ATG-012 (KRAS G12C small molecule inhibitor)
- ✓ **3 in-house discovered molecules** with novel targets in the macrophage space disclosed
  - ATG-031 (CD24 monoclonal antibody)
  - ATG-032 (LILRB monoclonal antibody)
  - ATG-041 (Axl-Mer small molecule inhibitor)

## Business Development



- ✓ Announced global clinical collaboration with **Bristol Myers Squibb** to evaluate ATG-017 (ERK1/2 inhibitor) in combination with nivolumab
- ✓ In-licensed worldwide rights of a CD73 small molecule inhibitor from **Calithera Biosciences**
- ✓ Announced research collaboration with **Legochem Biosciences**

## Corporate Operations



- ✓ Inauguration of **our manufacturing center** at the Binhai Life Science and Healthcare Industrial Zone in Shaoxing
- ✓ Entered into a framework agreement for the **construction of a drug discovery and manufacturing center for antibody biologics** in Hangzhou Qiantang area

\* USD/RMB exchange rate of 1/6.35 as of 17<sup>th</sup> March 2022

\*\* Cash and bank balances of US\$ 358mm (RMB 2,275mm) and Cash Management Products of US\$ 15.1mm (RMB 95.7mm) as of 31<sup>st</sup> December 2021





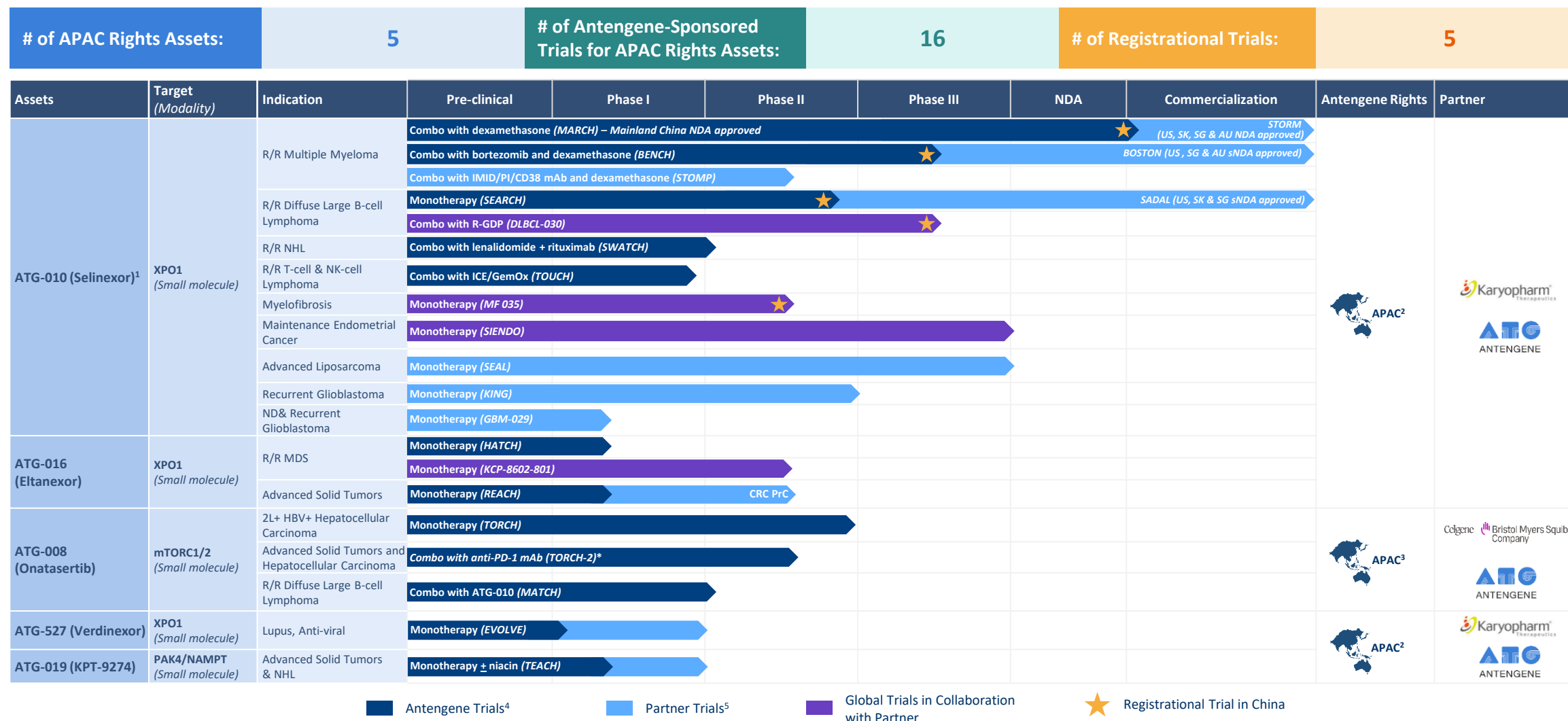
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## II. CLINICAL UPDATE

# Pipeline of Near-to-midterm Drug Candidates with First-in-class / Best-in-class Potential



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<sup>1</sup> (s)NDA approved by US FDA, China NMPA, Australia TGA, South Korea MFDS and Singapore HSA; China Hong Kong and China Taiwan NDA submissions are completed;

<sup>2</sup> Antengene has rights for Greater China (mainland China, Hong Kong, Taiwan, Macau), Australia, New Zealand, South Korea, and the ASEAN Countries;

<sup>3</sup> Antengene has rights for Greater China, South Korea, Singapore, Malaysia, Indonesia, Vietnam, Laos, Cambodia, the Philippines, Thailand and Mongolia;

<sup>4</sup> Most advanced trial status in Antengene territories and the trials are responsible by Antengene;

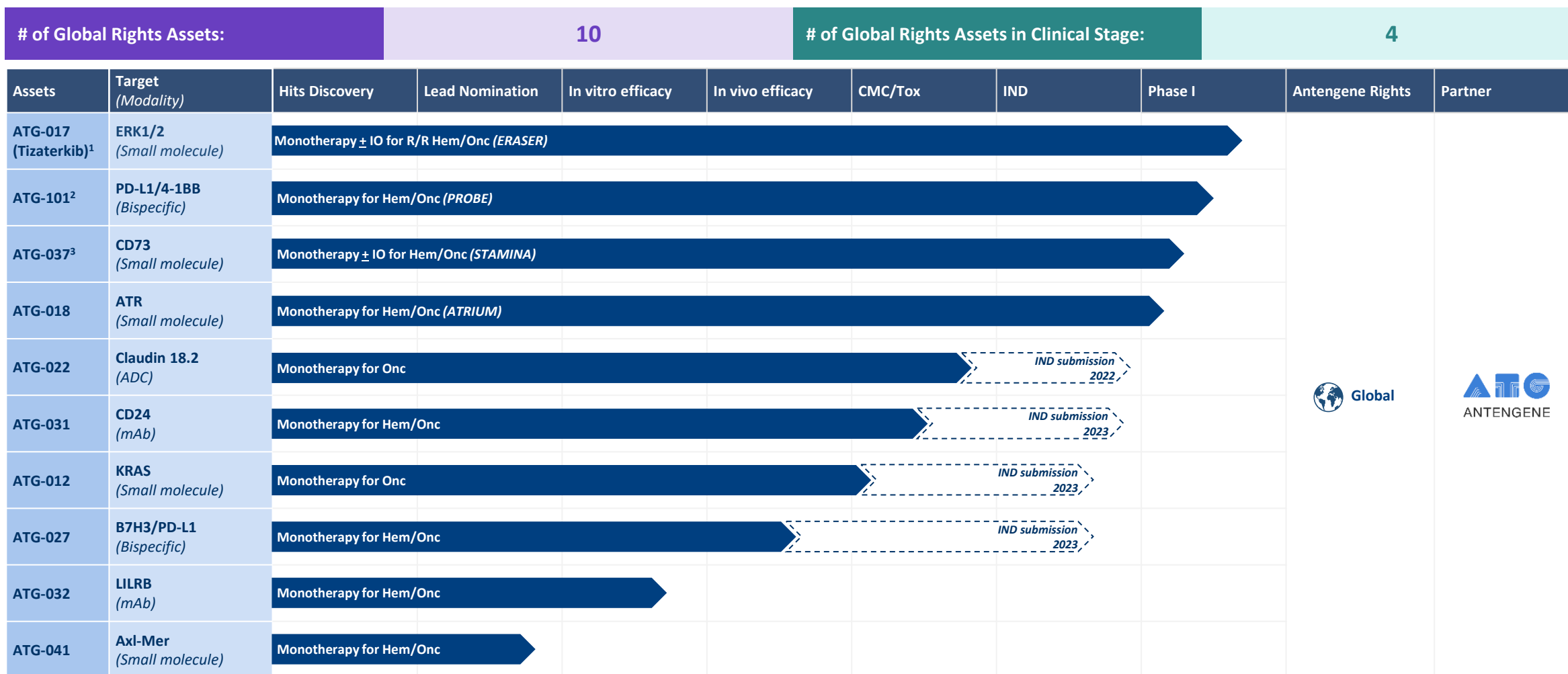
<sup>5</sup> Most advanced trial status in partner territories in the rest of the world and the trials are conducted by our licensing partners

\* Investigator-initiated trials; R/R = relapsed/refractory; ND = newly diagnosed; MDS = myelodysplastic syndrome; CRC = colorectal cancer; PrC = prostate cancer; CAEBV = chronic active Epstein-Barr virus; NHL = non-Hodgkin lymphoma; Hem/Onc = hematological malignancies and solid tumors; SK= South Korea; R-GDP: Rituximab, Gemcitabine, Dexamethasone & Cisplatin; in GBM-029 trial, the combination regimen is with standard of care (SoC) therapy for newly diagnosed glioblastoma or recurrent glioblastoma, including radiation therapy, temozolomide, lomustine, bevacizumab, tumor treating fields, or carmustine

# An Early-stage In-house Pipeline with Transformational Potential



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<sup>1</sup> Licensed from AstraZeneca and Antengene has obtained exclusive global rights to develop, commercialize and manufacture ATG-017;








<sup>2</sup> Licensed from OriginCell and Antengene has obtained exclusive global rights to develop, commercialize and manufacture ATG-101;

<sup>3</sup> Licensed from Calithera Biosciences and Antengene has obtained exclusive global rights to develop, commercialize and manufacture ATG-037

\* ATG-037 IND equivalent in Australia = institutional scientific and ethics review before governmental notification

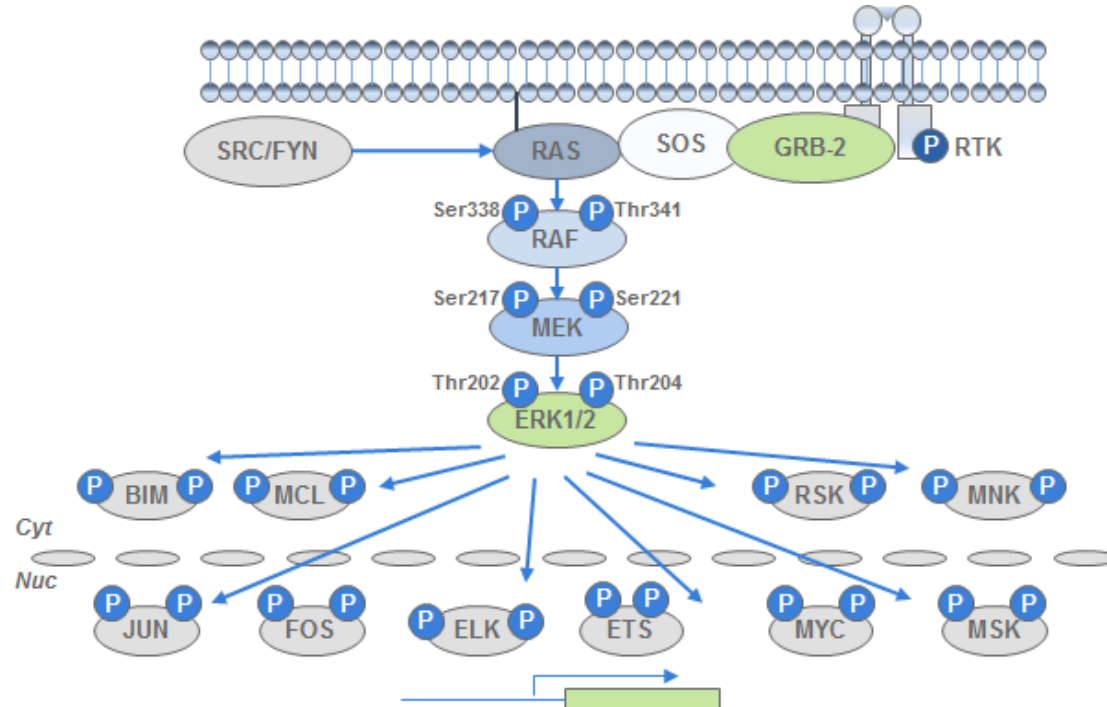
Hem/Onc = hematological malignancies and solid tumors

# These Exciting Assets are in Clinical Stage Now .... with Worldwide Rights

	 <b>ATG-017</b>	 <b>ATG-101</b>	 <b>ATG-037</b>
 <b>Target</b>	ERK1/2 (Small molecule)	PD-L1/4-1BB (Bispecific Antibody)	CD73 (Small molecule)
 <b>Differentiation</b>	<ul style="list-style-type: none"> <li>✓ Higher potency and dual IoC and PoA activity with slow off-rate kinetics</li> <li>✓ Lower efficacious dose with a higher max absorbable dose/dose ratio</li> <li>✓ Broad therapeutic potential (targeting RAS/MAPK pathway)</li> <li>✓ Multiple combination opportunities</li> </ul>	<ul style="list-style-type: none"> <li>✓ Shown potent PD-L1 crosslinking-dependent 4-1BB agonist activity, with the potential for delivery of enhanced therapeutic efficacy, whilst mitigating risk of hepatotoxicity</li> <li>✓ Demonstrated significant anti-tumor activity in animal models of resistant tumors as well as those that progressed on anti-PD-1/L1 treatment.</li> <li>✓ Displayed an excellent safety profile in GLP toxicology studies</li> </ul>	<ul style="list-style-type: none"> <li>✓ Orally bioavailable small molecule that completely overcomes 'hook effect' common in other anti-CD73 antibodies</li> <li>✓ Tissue penetrance not achievable with mAbs</li> <li>✓ Promising preclinical efficacy as a monotherapy and strong potential synergy with Antengene pipeline candidates</li> </ul>
 <b>Status</b>	Completed 5 cohorts in solid tumors of ERASER trial, expanded cohort at 20 mg bid with potential escalation to 30 mg bid, first combination module agreed (nivolumab), hematology cohorts to commence post MTD	Phase 1 clinical trial application for solid tumors and B-NHL approved by Bellberry HREC in Australia, US IND completed, cohort 2 commenced, China IND approved	Phase 1 STAMINA-001 Trial in-progress in Australia
 <b>Potential Indications</b>	<ol style="list-style-type: none"> <li>1. RASm NSCLC, Pancreatic, CRC, and Melanoma</li> <li>2. I/O combinations</li> </ol>	<ol style="list-style-type: none"> <li>1. Resensitize prior CPI responders (NSCLC, SCLC, GI, H/N SCC, melanoma)</li> <li>2. Efficacy in disease with previously limited CPI activity</li> <li>3. Multiple combination opportunities</li> </ol>	<ol style="list-style-type: none"> <li>1. Monotherapy opportunity where immune suppressed TME is critical</li> <li>2. Extremely broad opportunities both as monotherapy and combination with existing and future I/O</li> </ol>



# ATG-017: A Small Molecule ERK1 / 2 Inhibitor with Best-In-Class Potential



## Key Highlights

- RAS / MAPK signaling pathway drives cell survival and proliferation
- Dysfunction in the signaling pathway is a major trigger for the development of most cancer types



## Synergy with Antengene Pipeline Assets

### ■ ERKi + KRASI

ATG-017 + ATG-012 in solid tumors

### ■ ERKi + I/O:

ATG-017 + ATG-101 in solid tumors

Source: F Liu et al. Acta Pharmaceutica Sinica B2018; 8(4): 552-652. Targeting ERK, an Achilles' Heel of the MAPK pathway, in cancer therapy.

Note: RAS= renin-angiotensin system; SOS=son of sevenless; GRB-2=growth factor receptor bound protein 2; RTK=receptor tyrosine kinase; RAF=renin-angiotensin system; MEK=MAPK/ERK kinase; MRK=mantle cell lymphoma; RSK=ribosomal S6 kinase; MNK=MAPK-interacting kinase; MSK=mitogen-activated and stress-activated protein kinase.

# ATG-017: A Small Molecule ERK1 / 2 Inhibitor with Best-In-Class Potential



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## Clinical Trial Overview

Trial	Indication	Details
<b>ERASER</b>	Advanced solid tumors and hematologic malignancies with RAS / MAPK alternations	<ul style="list-style-type: none"><li>• Phase I, open-label, multi-center dose finding study to investigate the safety, PK and preliminary efficacy of ATG-017 monotherapy</li><li>• Completed the first 5 cohorts in solid tumors</li></ul>

## Competitive Advantages

### Best-in-class potential

- ATG-017 is a potent and selective small molecule extracellular signal-regulated kinases 1 and 2 (ERK1/2) inhibitor with best-in-class potential

### Leading in Clinical Development

- First-in-human Phase I trial investigating safety and preliminary efficacy among patients with solid tumors and hematological malignancies; proceeding smoothly through dose escalation

### Broad Therapeutic Potential

- ATG-017 has great clinical potential as a monotherapy or combination in multiple solid tumors and hematological malignancies that harbor activating alterations in the RAS-MAPK pathway

Note: RAS= renin-angiotensin system; SOS=son of sevenless; GRB-2=growth factor receptor bound protein 2; RTK=receptor tyrosine kinase; RAF=renin-angiotensin system; MEK=MAPK/ERK kinase; MRK=mantle cell lymphoma; RSK=ribosomal S6 kinase; MNK=MAPK-interacting kinase; MSK=mitogen-activated and stress-activated protein kinase.

# ATG-017: A Small Molecule ERK1 / 2 Inhibitor with Best-In-Class Potential



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		ATG-017	GDC0994	BVD523	LY3214996	Differentiation
Potent ERK inhibitor with activity in relevant MAPK models	<b>ERK potency and kinetics:</b> <ul style="list-style-type: none"> <li>A375 Cell pRSK / pERK IC<sub>50</sub> (uM)</li> <li>Mechanism of Action</li> <li>Cell proliferation Calu 6 / A375 GI<sub>50</sub> (uM)</li> <li>T<sup>1/2</sup> (non-phosphorylated/ phosphorylated ERK)</li> </ul>	0.006 / 0.002  IoC and PoA 0.2 / 0.06  194 / 277 mins	0.09 / 0.03  IoC and PoA 2.3 / 0.15  1.2 / 0.8 mins	0.16 / 3  IoC 0.5 / 0.19  2.8 / 26 mins	0.32 / NT  IoC + PoA (tbc) 1.1 / NT  2.44 / 10.2 mins	ATG-017 <b>more potent</b> in vitro and has <b>dual IoC and PoA</b> activity with <b>slow off rate kinetics</b>
	<b>Efficacy</b> Calu6 @ 50 mg/Kg >100%	>100% TGI (regression)	>100% TGI (100mg/kg QD)	93% TGI	~15 hrs cover at >1 x pRSK IC <sub>50</sub> @ 50 mg/Kg; planning PD/efficacy	ATG-017 shows regression at <b>50 mg/Kg</b>
Flexibility to allow optimal pathway inhibition	<b>Predicted Dose to Man</b> <100 mg <b>Max absorbable dose/Dose ratio</b> >10 Human half life	20 mg BID 233 8 hrs (predicted)	200-400 mg BID*/** 0.5 23 hrs*	600 mg BID* 0.2 15 hrs (predicted)	ND	ATG-017 is a <b>lower dose</b> compound with a <b>higher MAD:Dose ratio</b>

\*clinical data from publications

\*\*dependent on dosing regimen

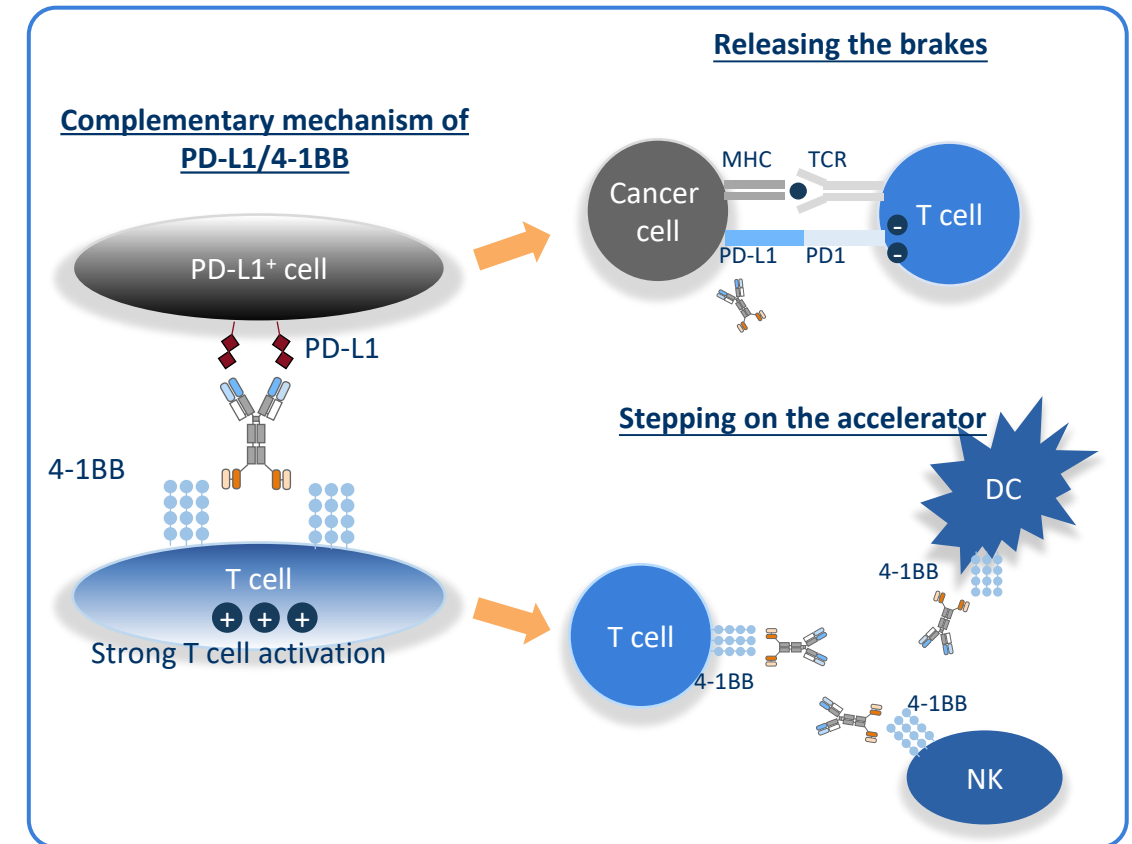
IoC = Inhibitor of catalysis; PoA = Prevention of Activation (as defined by A375 cell mode of action assay)

# ATG-101: A Unique Bispecific Antibody Targeting PD-L1 and 4-1BB with Best-In-Class Potential



## ATG-101: Complementary Mechanism of PD-L1 and 4-1BB Binding mAbs of PD-L1 and 4-1BB both active, clinical potential for 1+1>2

- Efficacy of PD-1/PD-L1 targeting **well-demonstrated over the past decade**
- 4-1BB is a T cell co-stimulatory receptor, the **benefits of which have yet to be realized in the clinic**
- The concept of PD-L1×4-1BB bispecific antibody like ATG-101 has demonstrated **promising activity in early clinical trials** with an acceptable safety profile (GEN1046, NCT03917381)
- **Novel design of ATG-101: high affinity of PD-L1 and conditional activation of 4-1BB, results in 4-1BB agonist activity only when crosslinked by PD-L1-positive tumor cells → reduced risk of 4-1BB related liver toxicity**



## Synergy with Antengene Pipeline Assets

### ■ SINE + I/O:

Selinexor + ATG-101 in solid tumors and lymphoma

### ■ ERKi + I/O:

ATG-017 + ATG-101 in solid tumors

### ■ CD73 + I/O:

ATG-037 + ATG-101 in solid tumors

### ■ mTORi + I/O:

ATG-008 + ATG-101 in solid tumors



# ATG-101: A Unique Bispecific Antibody Targeting PD-L1 and 4-1BB with Best-In-Class Potential



## Clinical Trial Overview

Trial	Indication	Details
<b>PROBE</b>	Metastatic / advanced solid tumors and non-Hodgkin lymphoma	<ul style="list-style-type: none"><li>Phase I, first in human trial</li><li>Belberry Human Research Ethics Committee in Australia has approved our clinical trial application in July</li><li>First patient dosed in January 2022</li></ul>

### Dose Escalation

- Adv. Solid tumors (regardless of PD-L1 expression, not HCC) OR R/R B-NHL
- Exhausted available standard therapies

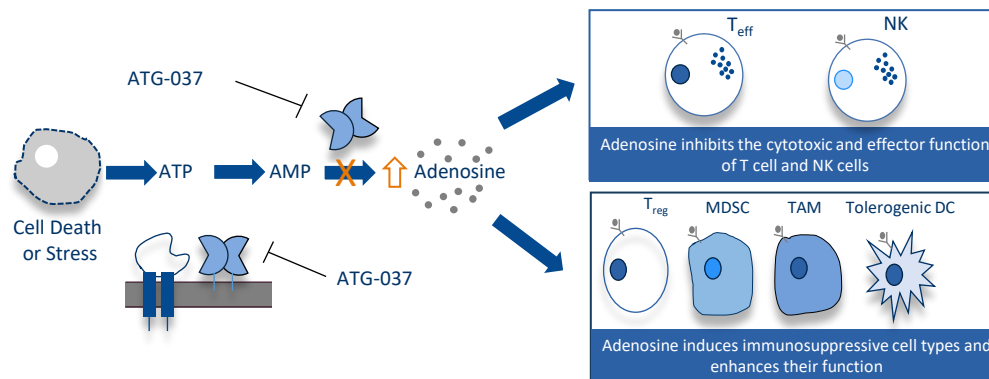
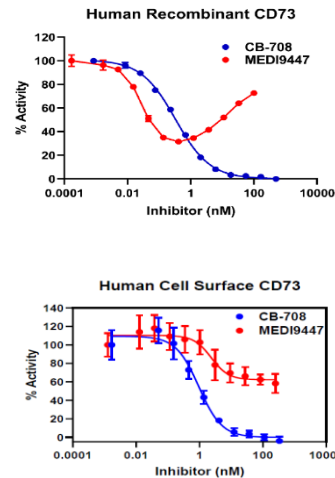
### Dose Expansion

- Adv. Solid tumors of any histology (except HCC) and *CPI-exposed*:
  - DP following prior response/SD for  $\geq 6$  mths to anti-PD-1/PD-L1
  - Best response of SD  $< 6$  mths or DP after anti-PD-1/PD-L1
- Adv. Solid tumors / hematological malignancies with specific histologies below who have failed prior therapies but are *CPI naïve*:
  - TNBC
  - GBM
  - Gastric cancer, GEJ, oesophageal cancer
  - HPV+ HNSCC
  - Cervical cancer
  - B-NHL

# ATG-037: An Orally Available, Small Molecule CD73 Inhibitor with Best-In-Class Potential

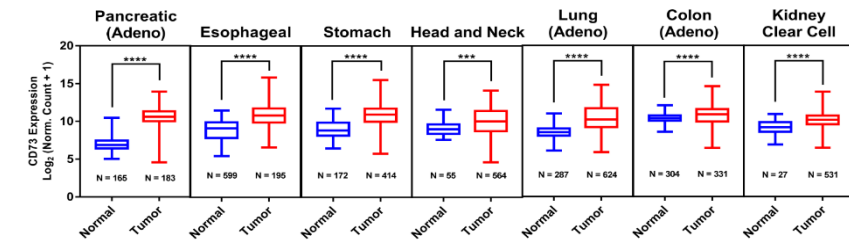
## Differentiated Small Molecule Inhibitor of CD73

- CD73 is the ecto-5'-nucleotidase, catalyzing the conversion of AMP to adenosine, a key immune suppressive molecule in the tumor microenvironment
- An orally available small molecule CD73 inhibitor in development
- Completely blocks CD73 activity, and **overcome the "hook effect"** commonly seen in anti-CD73 antibodies



## Broad Indication Potential

- Pancreatic, esophageal, gastric, NSCLC, CRC, ovarian, prostate, head and neck, etc.

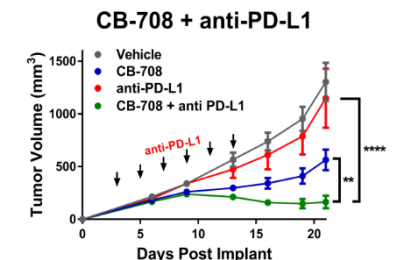


## Advanced Drug Development

- GLP toxicology studies completed: well tolerated in rodent and dog
- Potential large therapeutic window observed
- IND by end of year/ early next year

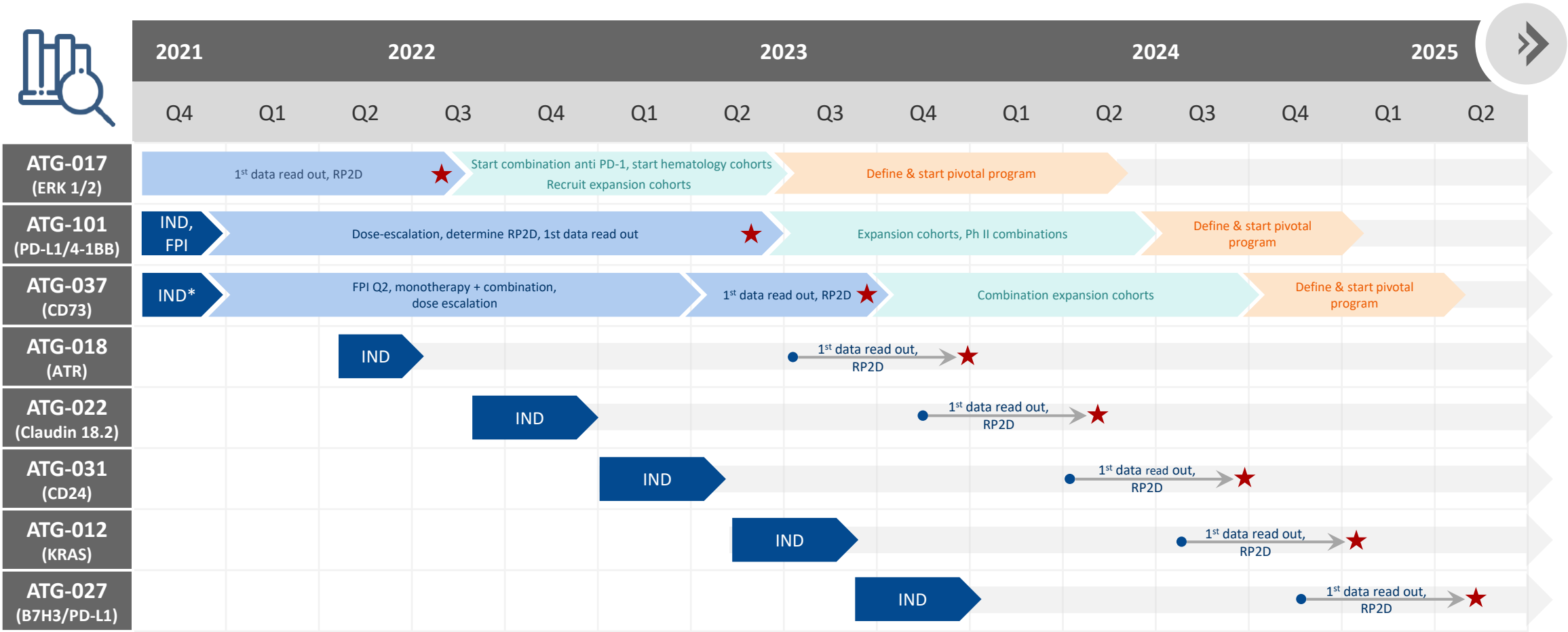
## Synergy with Antengene Pipeline Assets

**CD73 + I/O:**  
ATG-037 + ATG-101 in Solid Tumors



# A Series of INDs, FIH studies and Data Readouts Spanning 2022 to 2025

Early data on safety, PK, PD through 2022 with ATG-017, ATG-101 and ATG-037



\* Australian IND Equivalent / HREC Approval

# Strong Progress with Clinical Development Objectives for 2021/22



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1. Execute China selinexor bridging studies in MM
2. NDA submissions in Mainland China, Hong Kong, Taiwan, Singapore, South Korea, Australia
3. Define priority indication expansion for selinexor (endometrial cancer, myelofibrosis)
4. Critical data readouts with selinexor MM
5. Progress ATG-008 monotherapy and combination studies, define RP2D for ATG-008 and define potential registration path in combination with anti-PD-1
6. ATG-017 dose-escalation well-advanced and next steps defined (monotherapy expansion, combination with nivolumab, commence hematology cohorts)
7. Commence Phase II program ATG-016
8. Define Phase Ib signal seeking approach with ATG-527
9. Commence Clinical Activities in the USA
10. Complete IND and HREC submission for Phase I ATG-101, first patients enrolled
11. ATG-037 define FIH study design, secure HREC approval Q1, first patients enrolled Q2
12. ATG-018 define FIH study design, HREC submissions Q2



1. Execute key Selinexor trial programs (SEARCH, BENCH, DLBCL 030, MATCH, SWATCH, SIENDO)
2. Complete extension of TORCH-2 program with ATG-008 combination with ICI and design pivotal regulatory path program
3. Define RP2D with ATG-017 monotherapy, RP2D combination with nivolumab, assess hematology program, progress through expansion cohorts, commence program in US and China
4. Progress through dose cohorts with ATG-101, early clinical, PK and PD data, commence program in US and China
5. Execute first dose cohorts with ATG-037, early monotherapy safety/PK/PD data, complete China IND
6. Secure Australian HREC approval for ATG-018 and commence FIH study
7. Complete 1-2 additional INDs within 2022











### III. LATE IND-READY STAGE ASSETS

# And Next a Series of In-house Discovered, Best or First-in class Assets IND-ready within 6-18 Months



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	 ATG-018	 ATG-022	 ATG-012	 ATG-031	 ATG-027
Target	ATR	Claudin 18.2	KRAS G12C	CD24	B7H3/PD-L1
Indication	Hematology/solid tumors	Solid tumors	Solid tumors	Hematology/solid tumors	Hematology/solid tumors
Modality	Small molecule	ADC	Small molecule	Monoclonal antibody	Bispecific antibody
Differentiation	<ul style="list-style-type: none"> <li>✓ Orally available</li> <li>✓ Promising therapeutic agent for patients with recombination deficiencies/genetic alterations</li> <li>✓ Better in vivo efficacy compared with benchmark</li> </ul>	<ul style="list-style-type: none"> <li>✓ High affinity antibody (sub-nanomolar grade) to enable treatment of patients with a broad range of Claudin 18.2 expression levels</li> <li>✓ Better in vivo efficacy compared with benchmark ADC</li> </ul>	<ul style="list-style-type: none"> <li>✓ Good cell potency</li> <li>✓ Strong in vivo synergism when used with in-house combination regimens</li> <li>✓ Better TDI and hERG profile compared with benchmark</li> <li>✓ Better in vivo efficacy compared with benchmark</li> </ul>	<ul style="list-style-type: none"> <li>✓ First in class target</li> <li>✓ No clinical competitor</li> <li>✓ ATG-031 showed mono-therapy in vivo efficacy and synergy with chemotherapy, rituximab and CPI</li> </ul>	<ul style="list-style-type: none"> <li>✓ ADCC/CDC effect to kill tumor</li> <li>✓ In vivo POC completed</li> </ul>
Status	IND Approved in Australia  Data presented in April 2022 in: 	IND planned for 2022  Data presented in April 2022 in: 	IND planned for 2023  Data presented in April 2022 in: 	IND planned for 2023	IND planned for 2023

## IV. COMMERCIAL STAGE ASSET UPDATE

# 塞利尼索片 20mg

希维奥®

XPOVIO®  
(selinexor) 20 mg  
tablet

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Approved in South Korea  
July 30<sup>th</sup>, 2021

Indications:

- rrMM – XPOVIO® in combination with dexamethasone (Xd)
- rrDLBCL – XPOVIO® as monotherapy (X)

Commercial Launch  
Dec 2021

Target National Reimbursement  
2023



Approved in Mainland China  
December 14<sup>th</sup>, 2021

Indications:

- rrMM – XPOVIO® in combination with dexamethasone (Xd)

Commercial Launch  
May 2022

Target National Reimbursement  
2024



Approved in Singapore  
March 1<sup>st</sup>, 2022

Indications:

- rrMM – XPOVIO® in combination with bortezomib and dexamethasone (XVd)
- rrMM – XPOVIO® in combination with dexamethasone (Xd)
- rrDLBCL – XPOVIO® as monotherapy (X)

Commercial Launch  
May 2022

Self-pay Market



Approved in Australia  
March 9<sup>th</sup>, 2022

Indications:

- rrMM – XPOVIO® in combination with bortezomib and dexamethasone (XVd)
- rrMM – XPOVIO® in combination with dexamethasone (Xd)

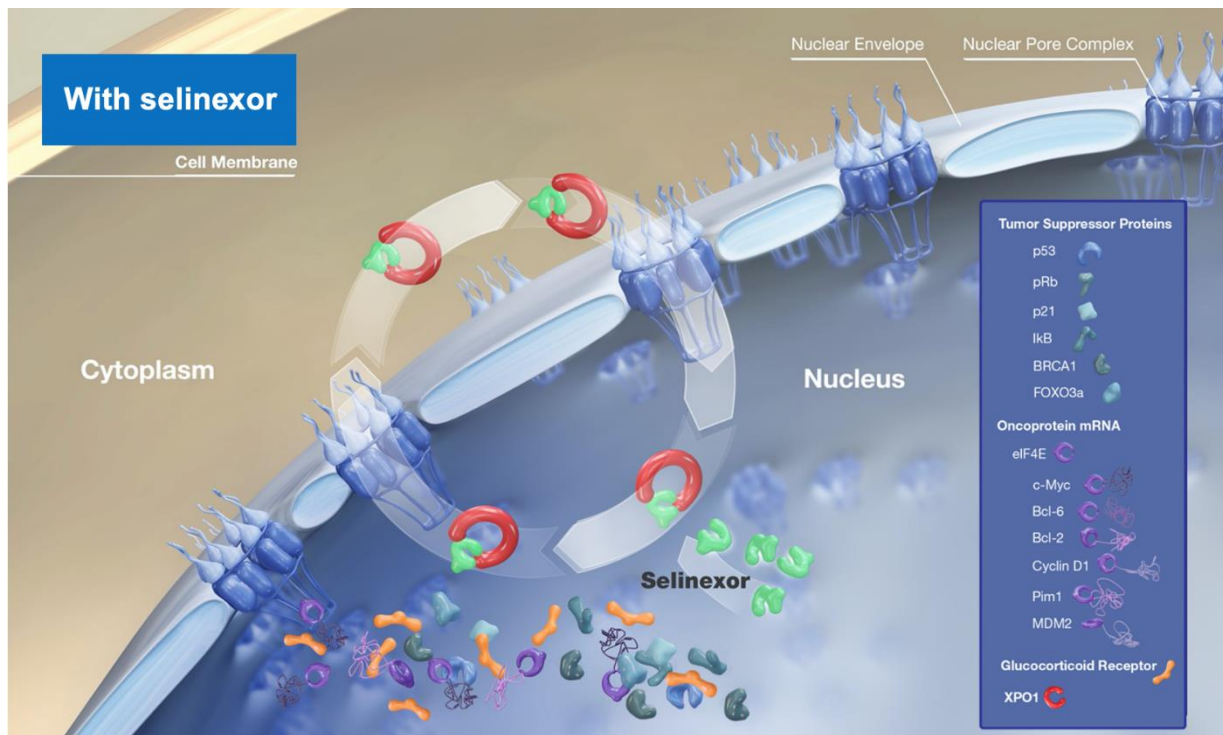
Commercial Launch  
May 2022

Target National Reimbursement  
2022 – Early 2023





# ATG-010 (Selinexor) - First-in-class and Only-in-class SINE Compound with Unique MoA and Differentiated Profile



## Key Highlights

- **1<sup>st</sup> and only** XPO1 inhibitor approved by FDA for treating R/R MM and R/R DLBCL
- **1<sup>st</sup> and only** FDA-approved drug for the treatment of both R/R MM and R/R DLBCL
- **Only single-agent**, oral therapy approved by the FDA to treat R/R DLBCL
- **Recommended by NCCN and CSCO guidelines** for R/R MM and R/R DLBCL treatment



## Synergy with Antengene Pipeline Assets

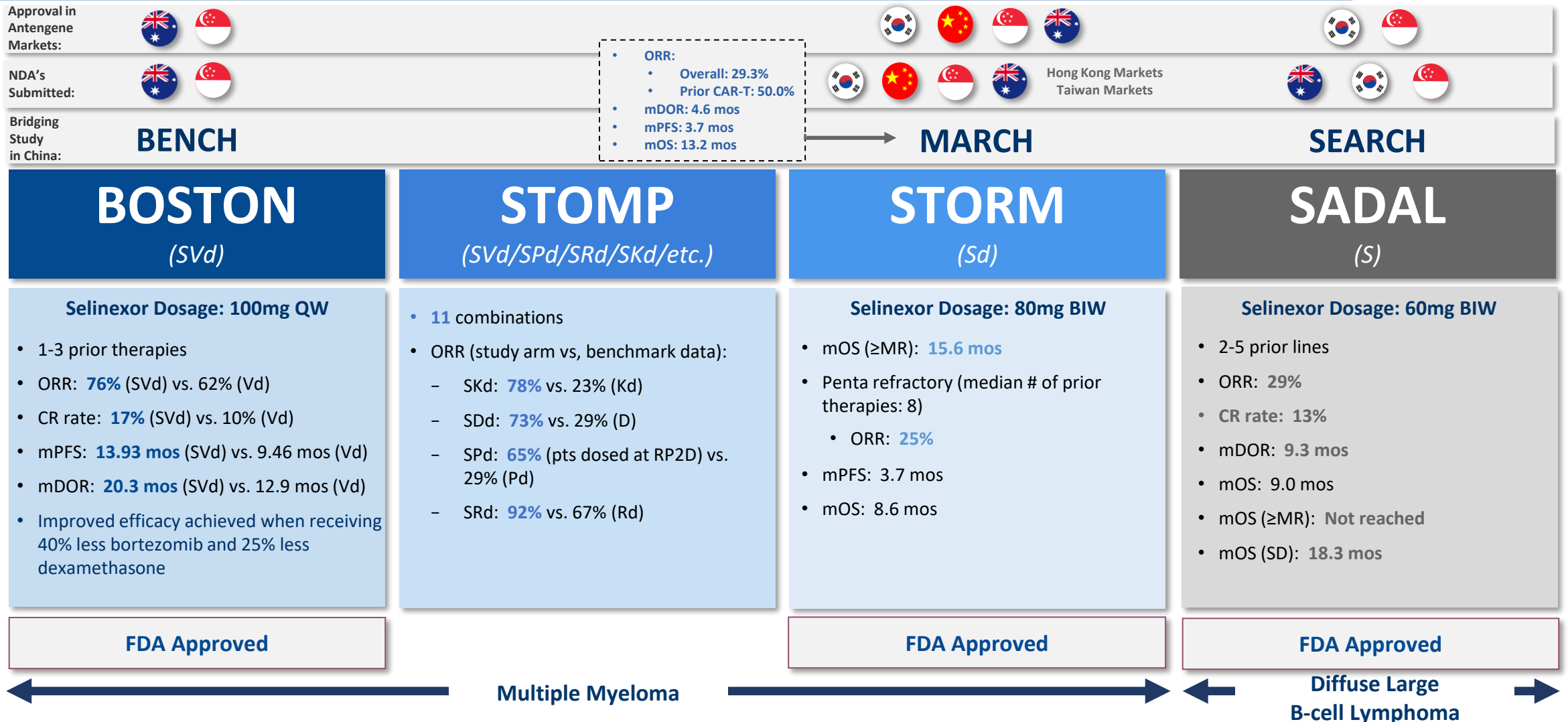
### ■ SINE + mTORi

Selinexor + ATG-008 in diffuse large B-cell lymphoma (MATCH)

### ■ SINE + I/O:

Selinexor + ATG-101 in solid tumors and lymphoma

# Clinical Benefits Validated by Selinexor's Completed and Ongoing Studies in Multiple Myeloma and DLBCL



Source: Dimopoulos M, et al. ASCO 2020. Abstract 8501; Gasparetto C, et al. ASH 2020. Abstract 1366.; Gasparetto C, et al. ASCO 2020. Abstract 8510.; Chen C, et al. ASH 2020. Abstract 726.; White D, et al. ASH 2020. Abstract 1393.; Kyprolis Package Insert; Study PX-171-003 A1; Lonial et al. Lancet 2016.; Pomalyst Package Insert.; Stewart et al. NEJM 2015.; Revlimid® (lenalidomide), Pomalyst® (pomalidomide), Velcade® (bortezomib), Kyprolis® (carfilzomib) or Darzalex® (daratumumab).; Chari A, Vogt DT, Dimopoulos M, et al. Results of the Pivotal STORM Study (Part 2) in Penta-Refractory Multiple Myeloma (MM): Deep and Durable Responses with Oral Selinexor Plus Low Dose Dexamethasone in Patients with PentaMM. Blood 2018; FDA label for XPOVIO® (selinexor); Kalakonda N, et al. ICML 2019. Abstract 031. Kalakonda N et al. is currently in press and publication expected in the near term (Lancet Haematology 2020).

\*Some of the information in this presentation is from third-party medical professionals and for academic purposes only. Antengene is not responsible for the contents published by such external sources.

\*\*Data shown for SDd and SPd in STOMP are from patients not previously exposed to D and patients dosed at RP2D respectively.

# Multiple Selinexor Containing Regimens Recommended by NCCN, ESMO, CSCO, and CMDA Guidelines



National  
Comprehensive  
Cancer  
Network®



GOOD SCIENCE  
BETTER MEDICINE  
BEST PRACTICE

European Society for Medical Oncology



## Multiple Myeloma

### 1-3 Prior Therapies

- SVd QW
- SDd
- SPd
- SKd

### > 3 Prior Therapies (whose disease is refractory to at Least Two PIs, IMiDs, and an anti-CD38 mAb)

- Sd

## Diffuse Large B-cell Lymphoma

### 3L+ (including patients with disease progression after transplant or CAR T-cell therapy)

- S monotherapy

## Multiple Myeloma

### 2L Option After VRD

- R sensitive (SVd)
- R refractory (SVd)
- V sensitive (SVd)

### 2L Option After DaraRD

- R sensitive (SVd)
- R refractory (SVd)

### 2L Option After DaraVMP or DaraVTD

- V sensitive (SVd)

### Second or Subsequent Relapse

- R refractory and PI sensitive (SVd)
- Triple-class refractory (Sd)

## Multiple Myeloma

### Relapsed/Refractory

- SVd
- SPd
- SDd
- SKd

## Diffuse Large B-cell Lymphoma

### Relapsed/Refractory

- S monotherapy



中華醫學會  
CHINESE MEDICAL ASSOCIATION

## Multiple Myeloma

### Relapsed/Refractory

- SVd
- SPd
- SDd
- SKd

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\*\* Approved for RRMM by the US FDA, European EMA, Chinese NMPA, Korean MFDS, Singaporean HSA and Australian TGA. Approved for RRDLBCL by the US FDA, Korean MFDS and Singaporean HSA. As of Mar 9, 2022.

\*\*\* Indications for Selinexor undergoing clinical trial / planned study include: PTCL, NKTL, AML, MDS, MF, Endometrial Cancer

# Dose Reduction can be Used to Manage Patients, while Optimizing Outcomes with PFS of 16.6 Months



The median dosage of XPOVIO in the BOSTON trial was **80 mg** (range: 30-137 mg) taken once weekly<sup>1</sup>

## Key efficacy endpoints for patients (N=195) with and without XPOVIO dose restrictions in the BOSTON trial<sup>2</sup>

	ITT Patient Population	Patients with Dose Reduction
Patient population	N = 195	n=126
% of ITT arm	100	65
mPFS, mo	13.9 (95% CI: 11.7, NE)	16.6 (95% CI: 12.9, NE)
ORR, %	76.4	81.7
≥VGPR, %	44.6	51.6
mDOR, mo	20.3 months (95% CI: 12.6, NE)	Not evaluable (95% CI: 13.8, NE)

### Limitation of Subgroup Analyses:

- This post hoc analysis was exploratory in nature, not included in the study objectives, and does not control for type 1 error
- This post hoc analysis was not powered or adjusted for multiplicity to assess PFS across other prespecified subgroups
- This post hoc analysis was underpowered to detect clinically meaningful differences in treatment effect

65% of patients in the XVd arm had an XPOVIO dose reduction (126/195 patients) vs 35% of those without a dose reduction (65/195 patients)<sup>2</sup>

Source: Karyopharm Investor Presentation dated December 8<sup>th</sup>, 2021

1. XPOVIO. Prescribing information. Karyopharm Therapeutics Inc; 2021. 2. Jagganath, et al. ASH 2021

\* Response was evaluable in 125 of 126 patients receiving a dose modification for selinexor and 66 of the 69 patients who did not receive a dose modification for selinexor. Overall response rate is the proportion of patients who achieve a partial response or better, before IRC-confirmed progressive disease or initiating a new MM treatment or crossover. CI=confidence interval, IRC=independent review committee; ITT=intent to treat; mDOR=median duration of response; mo=month; mPFS=median progression-free survival; NE=not evaluable; ORR=overall response rate; VGPR=very good partial response.

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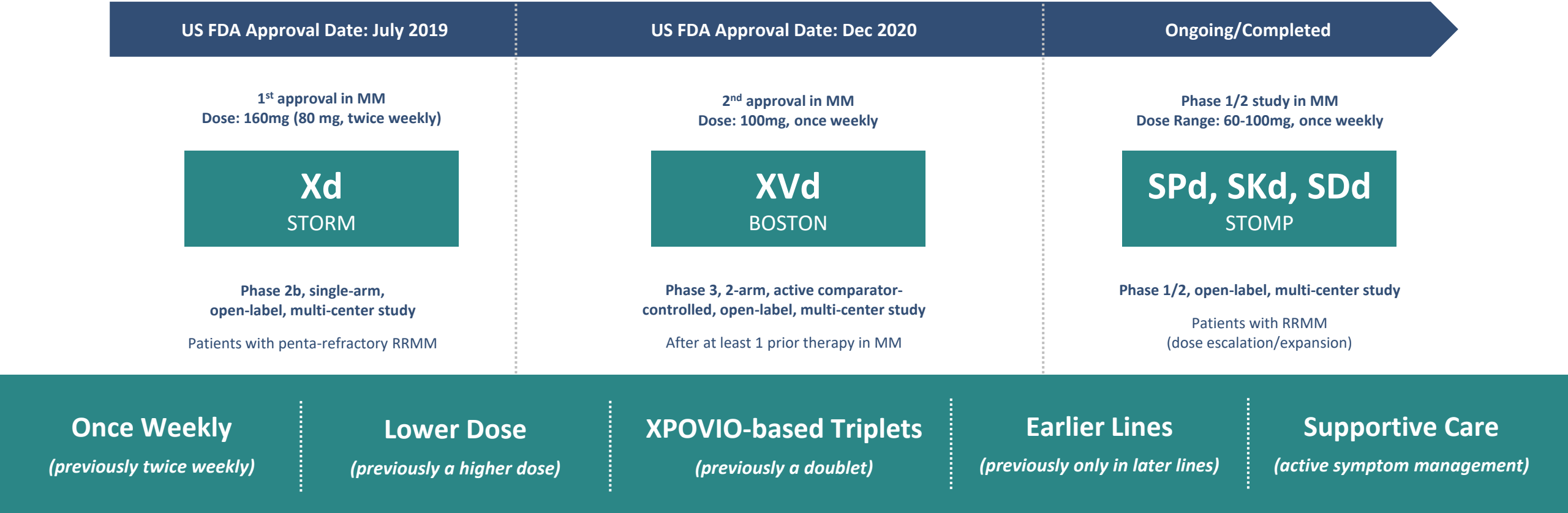
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# XPOVIO Evolving into a Standard of Care with Dose and Schedule Redefined Over Time to Improve Efficacy and Patient Experience



From the STORM trial to the BOSTON trial to the STOMP trial, XPOVIO dosing has been continually refined to help optimize the patient experience



Source: Karyopharm Investor Presentation dated February 8<sup>th</sup>, 2022

\* STOMP was designed to study selinexor in combination with other MOAs across multiple triplet and quadruplet regimens, including XVd. MM=multiple myeloma; MOA=mechanism of action; RRMM=relapsed or refractory multiple myeloma.

\*\* Combinations other than XVd and Xd are not promoted by Karyopharm, but may be considered for future indication updates.

\*\*\* Combinations other than Xd are not promoted by Antengene, but may be considered for future indication updates

\*\*\*\* Some of the information in this presentation is from third-party studies and only provided to medical research professionals for academic purpose. Antengene is not responsible for the contents published by such external sources.

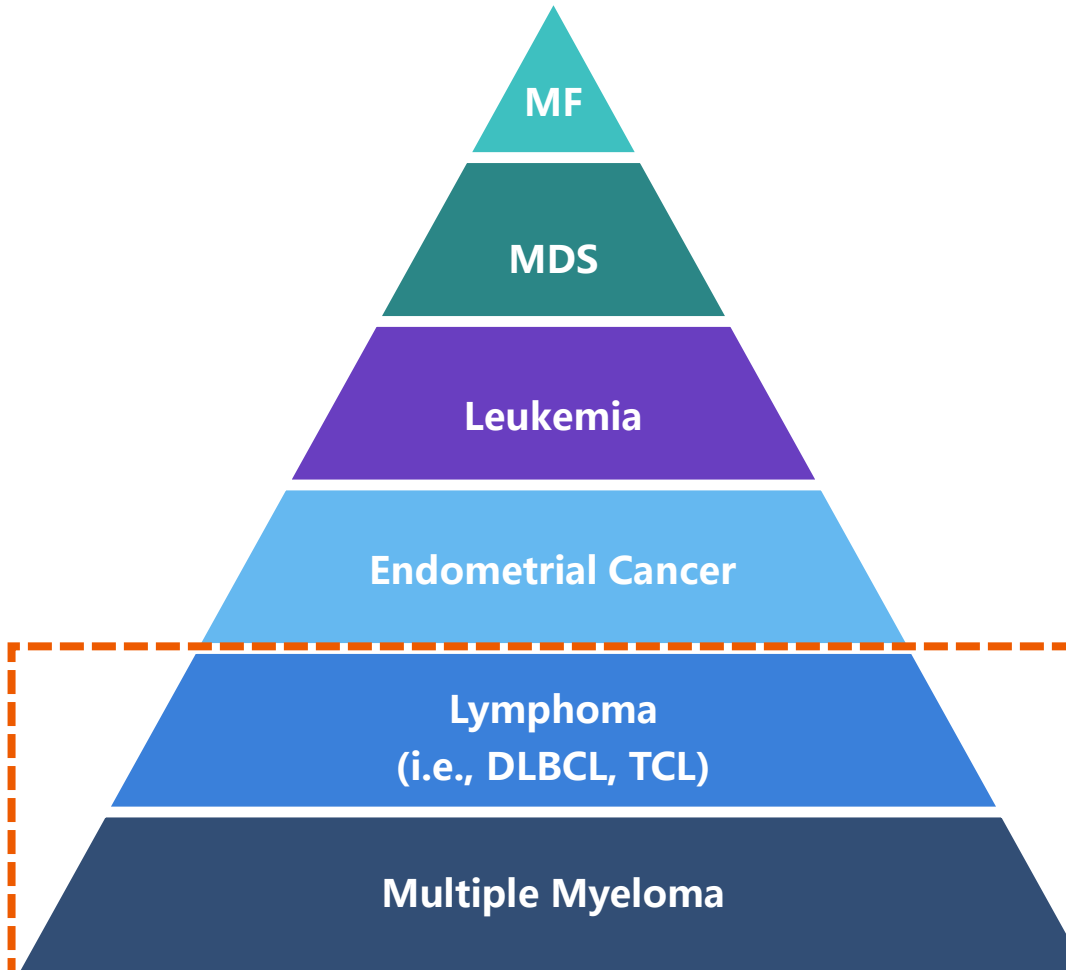
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\*\*\*\*\* Indications for Selinexor undergoing clinical trial / planned study include: PTCL, NKTL, AML, MDS, MF, Endometrial Cancer



# Broad and Deep Potential for Selinexor / SINE Beyond Multiple Myeloma

Incidence / Prevalence China (APAC)	
19,600 (1,900)	68,600 (8,740)
49,000 (3,100)	57,937 (9,300)
84,000 (3,200)	116,280 (3,520)
(AML)	
86,000 (9,100)	204,910 (53,000)
50,585 (9,199)	84,463 (34,658)
(DLBCL + TCL)	
21,000 (6,000)	54,800 (23,500)
Total: 310,185 (32,499)	Total: 586,990 (132,718)



Global Pivotal Study Ongoing

Signal Detection Studies/IITs in Preparation in China

Signal Detection Studies/IITs in Preparation in China

1. Global Study
2. Partner in the US announced top-line results in Phase III Study
3. Potentially first solid tumor indication for Selinexor

1. Approved in the US for 3L DLBCL; pivotal study ongoing in China
2. Recommended by NCCN and CSCO guidelines
3. Multiple studies (SADAL, SEARCH, XPORT-030, TOUCH, RWD)

1. Approved in the US for 2L+ MM and approved in China for rrMM
2. Recommended by NCCN, CSCO, ESMO, CPA guidelines as 2L+ therapy
3. Multiple studies (BOSTON, BENCH, STORM, STOMP, MARCH, RWD)

Source: Antengene research

\* Investigator Initiated Trials (IIT)

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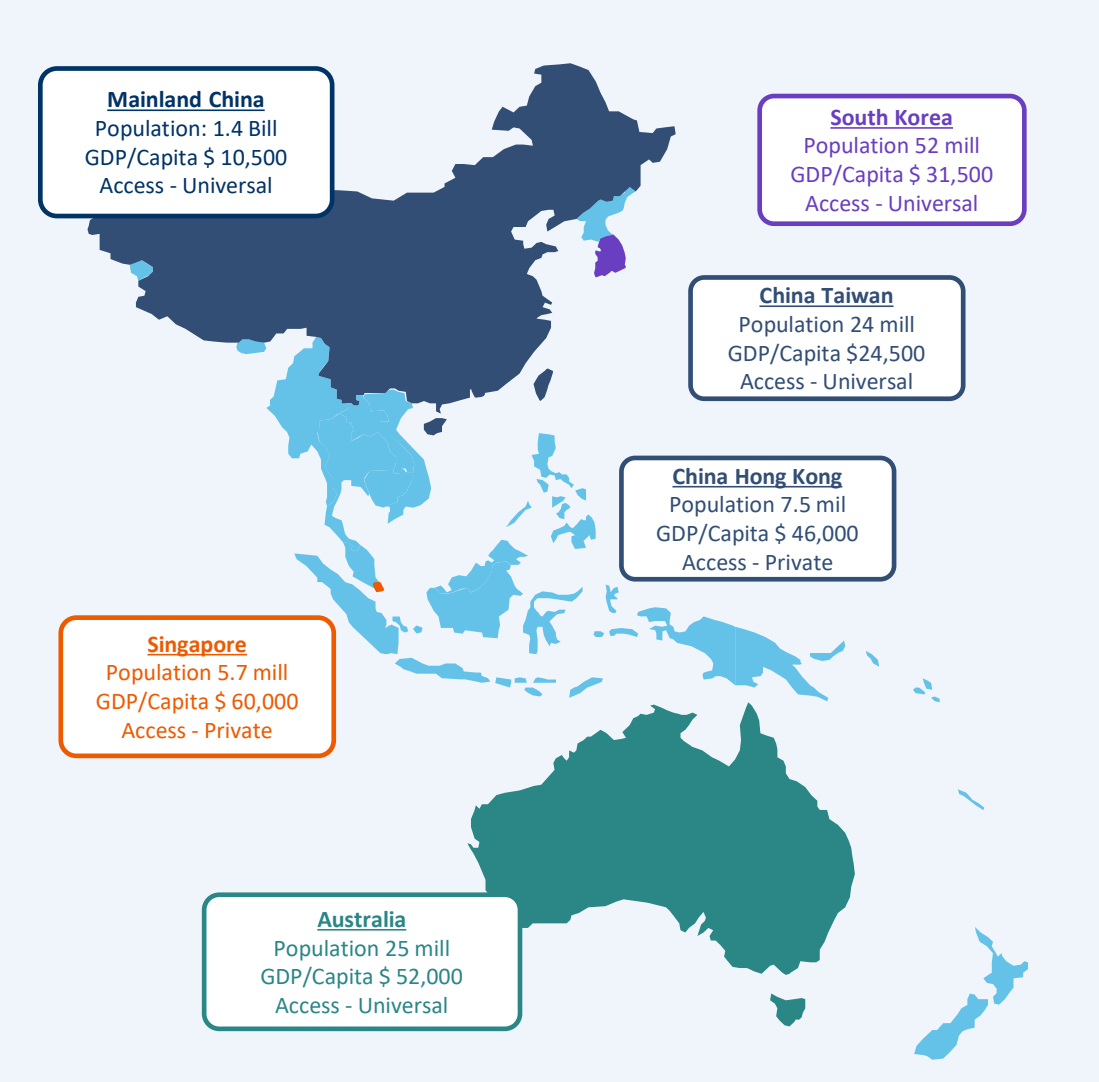
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\*\*\*\* Indications for Selinexor undergoing clinical trial / planned study include: PTCL, NKTL, AML, MDS, MF, Endometrial Cancer

# Antengene is Focused on Markets with Greatest Commercialization Potential



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Commercialization strategy focuses on selection of 6 core stage 1 markets defined by 3 parameters for success:

- High unmet need
- Reimbursed markets
- High GDP/capita



Initial focus is to build Antengene presence in the core markets



Ensure successful commercial launch of Xpovio®



Expand portfolio in core markets and expand Antengene presence to other stage 2 ASEAN markets

# Commercial Team with a Proven Track Record of Success



## Commercialization Strategy



John F. Chin

- **30+ years of experience** in the pharmaceutical industry, instrumental involvement in the commercial launch and lifecycle management of REVLIMID®, one of the industry's most successful oncology products globally

## Commercialization in China



Lixin Yu

- **30+ years of experience** in commercialization for Oncological Products in China
- Successful launch cases in hematological, global-local products in Multiple Myeloma, Lymphoma and Leukemia

## Commercialization in APAC



Thomas Karalis

- **30+ years of experience** in the pharmaceutical industry, achieved multiple regulatory and reimbursement milestones in APAC
- Lead to successful launches of REVLIMID®, POMALYST® and ABRAXANE® in APAC markets

Track record of Antengene commercial team in hematology:



## China Marketing



Frank Sun  
Director, Marketing and Commercial Channels, Hematology BU China  
Deep industry experience in hematology product launch in mainland China, market development and team management

## China Sales



Chen Wei  
National Director, Hematology BU China  
Deep industry experience in commercializing hematology products in mainland China

## China Medical Affairs



Godfrey Guo  
Executive Director, Medical, China  
Seasoned experience in Hematology & Skin Cancer, proven track record for the launch of a series of novel medicines, including Zelboraf, Hemlibra, Gazyva and Polivy, as well as the expansion of new indications



Austin Wang  
Associate Director, MSL, China  
Extensive experience in working with key KOLs, deep medical insights in CN Hema. market and landscape

## AU/NZ Commercialization



Michele Robbins

AU, US and EU Commercial, Govt Affairs and Market Access leadership roles in Hematology, Oncology and Specialty Therapeutics

## APAC Medical Affairs



Tamara Etto

AU, US and Global Medical Affairs leadership roles. Extensive clinical/translational research background in Hematology and Oncology

## GM of South Korea



Minyoung Kim

Former Country GM at ISPEN KR. 30+ years of industry experience in new product launch, market development and team management

## HK/SG Commercialization



Wendy Lau

ASEAN, Central East Asia Marketing Lead in Hematology Oncology and Specialty Care Business Unit Management

## APAC Commercialization



Sathya Walisinghe

Extensive ANZ, US and APAC commercial experience including Global Marketing CAR T Launch and strong background in Hematology & Oncology

# Antengene's Commercial Ready Infrastructure Across Asia Pacific



ANTENGENE

## Pan APAC Team with Proven Track Record



### Track Record of Antengene Commercial Team in Hematology

**Revlimid**  
(lenalidomide) capsules

**vidaza**  
azacitidine for injection

**Pomalyst**  
(pomalidomide) capsules  
1 · 2 · 3 · 4 mg

**IDHIFA**  
(enasidenib) tablets

**Champion 千平**  
注射用砒替佐米

**安显**  
米那度胺胶囊

## Pre-approval KOL Engagement



### Patient Experience

- Selinexor patient experience gained in APAC markets through Early Access Programs



### Clinical Trial Participation

- Australian participation in BOSTON and SADAL registrational studies



### Investigator Initiated Trials



### Advisory Boards



### Market Research



### Disease Symposia

## Limited Availability of Reimbursed Triplet Regimens in Early RRMM in APAC Reimbursed Markets



1 Regimen

DVd



2 Regimens

KRd and NRd

Taiwan Markets

3 Regimens

DVd, DRd and IRd



**V.S.**

**8 Triplet Regimens**  
Commonly Used in  
the US 2L & 3L  
Therapies

# Fewer Myeloma Medicines Approved in China Compared to the US

Launching with less competition in China



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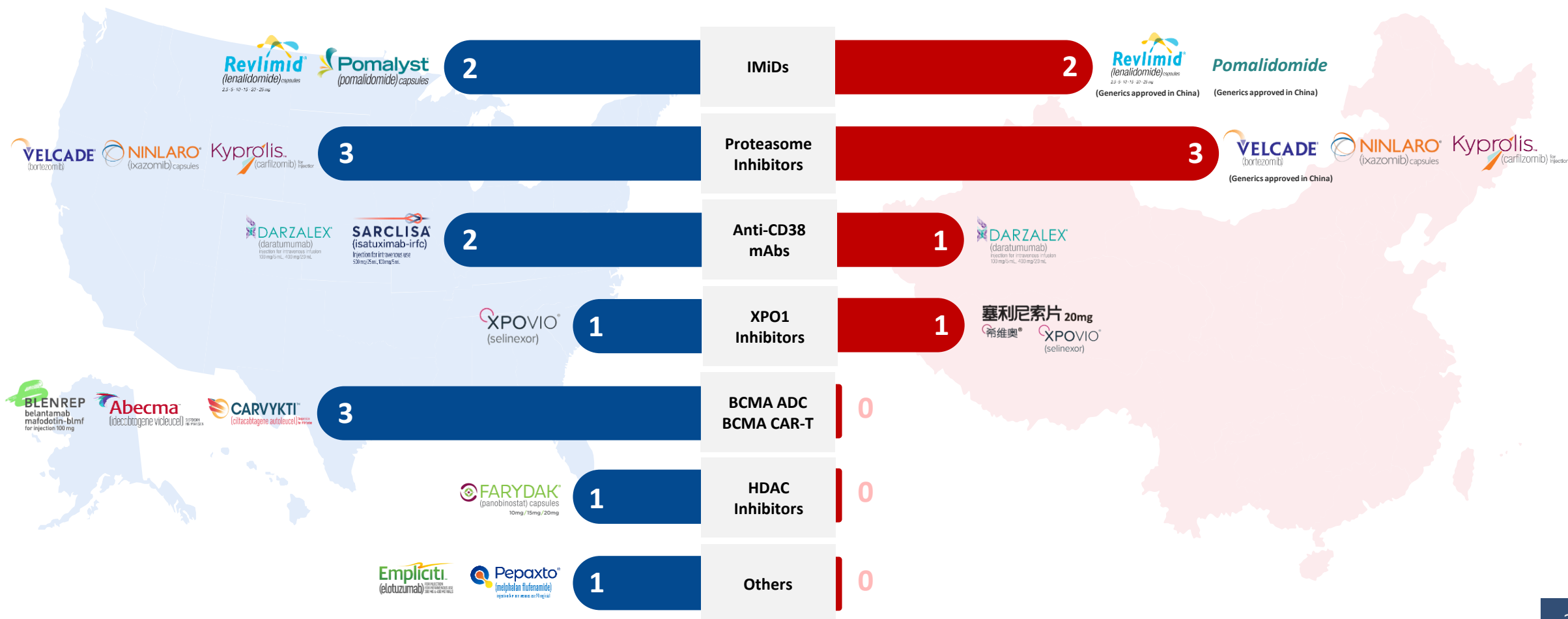
United States



V.S.



Mainland China

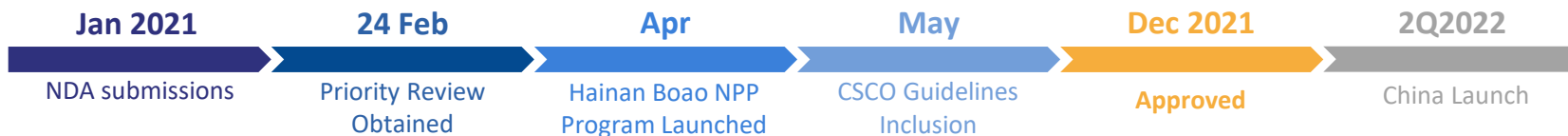




# Strong KOL Support and Engagement Paving the Way for a Successful Launch in China



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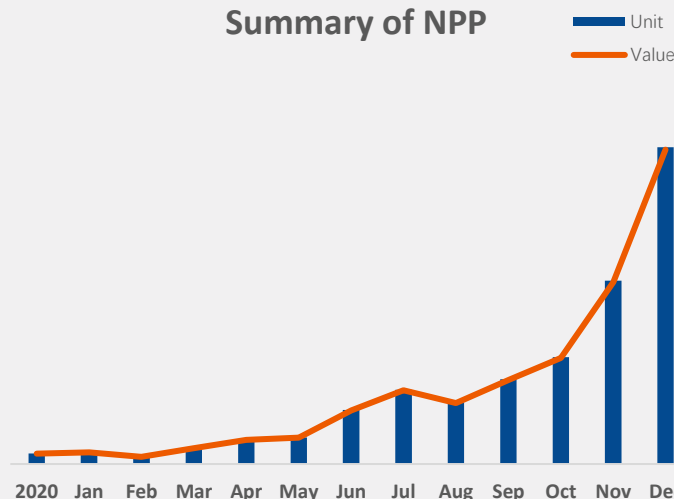
塞利尼索片 20mg  
希维奥®

2022 Target Hospitals Coverage: 600

## China Launch Readiness

- Advancing Healthcare Professional (HCP) / Key Opinion Leader (KOL) advocacy
  - 600+ HCP experience
  - 1300+ Patient Experience
- Named Patient Program (NPP) patient access in mainland China / Hong Kong markets
- A number of Investigator Initiated Trials in planning / ongoing in China in a broad range of indications, expanding the breadth of selinexor in China
- Publication plan in academic journals on NPP real world study data
- Encouraging signs of KOL support and usage in China:
  - Multiple combinations (triplets and quadruplets) being used by physicians in China
  - Large proportion of lymphoma usage
  - Gathered real world data and feedback

## Summary of NPP



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# Asia Pacific Markets – Accelerating and Executing on XPOVIO® Launch Plans



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## Launch Readiness

- Commercial presence in **Australia, South Korea, Singapore, Hong Kong & Taiwan**
- **NDA regulatory approvals** in Australia, South Korea & Singapore
- Advancing **National Reimbursement** in Australia and South Korea
- Building **KOL advocacy and experience**:
  - **>250 patients** treated with XPOVIO® via access program
  - Ongoing **advisory boards** and **medical education programs**
  - **2 IITs** advancing



## South Korea – 2022

- Pre – reimbursement **launch** – Dec 21
- **Patient Access Programs** Initiated
- **Hospital Formulary** submissions
- XPOVIO® patient case **study sharing**
- Nurse led **patient support programs**



## Australia – 2022

- Local & International **KOL led medical education**
- **MSAG Guideline inclusion**
- Broaden physician experience with **Patient familiarization Program**
- Myeloma Australia/ALLG integrated patient support



# Strong Foundation for Successful Launches Across China and Asia Pacific Markets



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## V. INVESTMENT HIGHLIGHTS



# 2022 Will Be a Transformational Year for Antengene



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Commercialization across China and APAC, with multiple data read outs of FIH studies of global rights assets



## Selinexor Commercial Launch across APAC



- ✓ Commercial launch: **South Korea** (MM Sd; DLBCL)
- ✓ Commercial launch: **Mainland China**
- ✓ Commercial launch: **Australia** (MM SVd & Sd)
- ✓ Commercial launch : **Singapore** (MM SVd & Sd; DLBCL)
- Commercial launch : **Hong Kong** (MM Sd)
- Commercial launch : **Taiwan** (MM SVd & Sd; DLBCL)
- Reimbursement submission: **South Korea** (MM Sd; DLBCL)
- Reimbursement approval: **Australia** (MM SVd & Sd)



## Clinical Development Progress



- Interim data read out on pivotal trial: **ATG-016** (XPO1) (MDS)
- Interim data read out: **ATG-008** (mTORC1/2) (TORCH-2 in combination with PD-1)
- Preliminary data read out in First-in-human (FIH) studies of global rights assets:
  - **ATG-017** (ERK1/2) (ERASER)
  - **ATG-101** (PDL1/41BB bispecific) (PROBE)
- IND submission: **ATG-018** (ATR) and **ATG-022** (Claudin 18.2 ADC)
- Progressing through dosing cohorts in First-in-human (FIH) studies of **ATG-037** (CD73) and **ATG-018** (ATR)



## Multiple Regulatory Filings



- ✓ Selinexor (ATG-010) sNDA filing in **South Korea** (MM SVd)
- Selinexor (ATG-010) sNDA filing in **Australia** (DLBCL)
- Selinexor (ATG-010) sNDA filing in **mainland China** (DLBCL)
- Supplementary NDA filing of selinexor (ATG-010) packaging at **Shaoxing manufacturing site**



## Advancing Pipeline & Discovery Programs



- Attain **IND-readiness** in-house developed program: **ATG-031** (CD24)
- Multiple novel **ADC PCC nominations**
- Initiate 2-3 new discovery projects
- Continuous BD efforts will bring in innovative assets





# Steady Stream of Catalysts Continue to Drive Value for Investors

2021 Revenue: RMB28.8 mm; 2022 Revenue Target: RMB180 to 200 mm



## De-risked Biotech with Revenue Generation Capabilities

- Starting with 2 disease areas with multiple indication expansion / blue ocean opportunities with an only-in-class asset in unique markets



## Broad and Deep Pipeline of Differentiated Global Rights Assets

- 10 global rights assets with highly-differentiated, combinational and synergistic mechanism of action with series of upcoming data read outs



## Following the Science and Pursuit of Synergistic Partnerships

- Continued BD discussions on new assets, clinical collaborations and technology platforms to power internal discovery efforts



## Efficiently Utilizing Cash Provided by Our Strong Base of Global Shareholders

- US\$373 mm (RMB2,370mm) of cash, bank balances and cash management products as of 31<sup>st</sup> December 2021



ANTENGENE

ANTENGENE CORPORATION LIMITED  
(SEHK: 6996.HK)

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JULY 2022

THANK YOU

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*TREATING PATIENTS BEYOND BORDERS*