

InnoCare Pharma (9969.HK, 688428.SH) 2023Q1 Results NDR

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

Oncology



Autoimmune

Our Therapeutic Focus

Transforming from Biotech to Biopharma Strategy Execution Delivered Strong Growth in 2022 to Present



- Total revenue reached RMB 189mn,with a 43.02% yoy growth in product sales
- Rapid market penetration and hospital coverage after NRDL inclusion

Tafasitamab

- Approved for Urgent Clinical Use in the Hainan Province, 1st patients reached CR after 2 cycles treatment
- Approved in Hong Kong
- Eligible for Urgent Clinical Use in Big Bay Area
- Highly experienced and efficient sales team in hematology

Commercialization

Orelabrutinib

- MS phase II: 80mg QD showed 92.1% relative reduction achieved in cumulative number of new Gd+ T1 lesions compared to placebo
- SLE phase IIa positive, Phase IIb ongoing
- ITP phase II showed positive result
- r/r MZL NDA approved in China
- r/r MCL NDA approved in Singapore
- r/r MCL US registrational trial patients enrollment completed
- IL DLBCL-MCD registrational Phase3 ongoing
- 1L CLL/SLL registrational Phase III proceeding
- ICP-332 Phase II commenced in AD
- ICP-488 Phase I ongoing, psoriasis arms will be included
- ICP-192 registrational trial processing
- ICP-723 conducting registrational trial
- Pipeline strengthened with 6 NMEs

In-licensing: Tafasitamab

- Tafasitamab+LEN registrational trial ongoing
- Tafa+LEN+Orela exploring trial ongoing
- Collaboration with KeyMed
- CD3*CD20 dose escalation trial ongoing
- CCR8 1st patient was dosed and enrollment is continuing

License-in/Collaboration

- Internal production capability: Orelabrutinib in GZ facility
- Biologics drug R&D facility in Beijing
- Commercial team in expansion

Platform

STAR board listing, >RMB 9 billion total cash, cost sensitive & efficient culture

Internal R&D Pipeline

Commercialization Review Increasing Sales Momentum in Orelabrutinib



Significant Growth of Net Sales





Successful Commercialization Strategy

- Net sales achieved RMB 151mn in 2023Q1
- Swift implementation of NRDL¹ at local level
- Experienced and effective in-house commercial team
- Rapid coverage of Hemato-oncology market in China:
 - Full coverage
 - Deeper penetration
- CSCO Diagnosis and Treatment Guidelines recommended broad use: r/r CLL/SLL, r/r MCL, r/r DLBCL and PCNSL
- Substantial future growth potential:
 - Indication expansion with differentiated strategy
 - DOT enhancement
 - Extensive post market clinical studies to strengthen best-in-class profile
 - Tailored-access at different tiered cities

¹ Indications included in NRDL: r/r Mantle Cell Lymphoma ("MCL") and r/r Chronic Lymphocytic Leukemia/Small Cell leukemia ("CLL/SLL") FPI to NDA took 1.5 years while FPI to launch to the market took 2.5 years

Autoimmune Disease Strategy





Major Program Update : MS Phase II Interim Analysis Orelabrutinib (ICP-022): Potential Best-in-class BTKi for Multiple Sclerosis





Relative reduction% achieved in cumulative number of new Gd+ T1 lesions compare to placebo



- The primary objective were met dosedependently(C_{max} driven) in all three active treatment groups
- 92.1% relative reduction achieved in cumulative number of new Gd+ T1 lesions compared to placebo at 80mg QD
- Best-in-class profile

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Therapy	Design, Duration ¹	Primary endpoint	Relative Reduction in T1 lesions vs. PBO	Dose	Company
Orelabrutinib BTKi	Placebo-controlled(N = 136), 24Wk + ext	Cumulative Gd+lesionsat Wk12	92.1%	80mg QD	InnoCare
Tolebrutinib BTKi	Placebo-controlled for 4Wk, with 12Wk cross-over (N=130), 16Wk + ext	Dose-response for Gd+ lesions at Wk 12	85%(2)	60mg QD	Sanofi
Evobrutinib BTKi	Placebo-controlled + open label DMF (N = 267),24Wk + ext	Cumulative Gd+ lesions at Wk12, 16, 20, and 24	70% ⁽³⁾	75mg qd (56% at 75mg bid)	Merck KGaA
Ocrelizumab Anti-CD20	Placebo-controlled + Inf-b1a reference arm (N=218), 24Wk + ext	Cumulative Gd+ lesions at Wk 12, 16, 20, and 24	89%(4)	600mg q6mo	Roche
Ofatumumab Anti-CD20	Placebo-controlled (N=231), 24Wk + ext	Cumulative Gd+ lesions at Wk 12	65% ⁽⁵⁾⁽⁶⁾ 91% ⁽⁷⁾	60mg q12w	Novartis
Siponimod S1PR	Placebo-controlled, adaptive, doseranging (N = 297), 6m + ext	Dose-response for CUAL at 3 mo	72% ⁽⁸⁾	2mg qd	Novartis
Dimethyl Fumarate	Placebo-controlled(N = 257),24Wk + ext	Cumulative Gd+ lesions at Wk12, 16, 20, and 24	69% ⁽⁹⁾	240mg tid	Biogen
Fingolimod S1PR	Placebo-controlled (N = 281), 6m + ext	Cumulative Gd+ lesions monthly for 6 months	61% ⁽¹⁰⁾ 88% at mo. 6	5mg qd	Novartis
Teriflunomide	Placebo-controlled (N = 179), 36Wk + ext	# of CUAL per MRI scan	61% ⁽¹¹⁾	14mg qd	Sanofi

¹ <u>www.clinicaltrials.gov;</u> (2)Sanofi's R&D held on April 23, 2020;(3) MontalbanX, et al. N Engl J Med 2019; 380:2406-2417;(4) KapposL, et al. Lancet 2011;378:1779-87 (5) Bar-Or A. et al, 7 Neurology 2018;90:e1805-e1814; (6)Endpoint with full data (0-12 Wks) (7) Post hoc data (4-12 wks);(8) Selmaj K, et al Lancet Neurol 2013;12:756-767;(9) Kappos L, et al. Lancet 2008;372(9648):1463-72;(10) Kappos L, et al. N Engl J Med 2006; 355:1124-40;(11) O'Connor P, et al. Neurology 2006;66(6)

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Orelabrutinib has the potential to act in both CNS and periphery for demyelinating diseases. Its high target selectivity, good PK profile and BBB penetration capability presents a promising option for treating MS



¹ doi: 10.1016/j.msard.2021.103000

² Multiple Sclerosis and Related Disorders 51 (2021) 103001 Topic: Advances in therapy in MS; doi: 10.1016/j.msard.2021.103001

³ Absinta et al J Clin Invest. 2016 Jul 1; 126(7): 2597–2609

Major Program Update

Orelabrutinib (ICP-022):SLE Phase IIa Positive Results Lead to Further Development



SLE Prevalence Rate



Global (million number of patients)

SLE Phase II Study Results¹

- SLE Responder Index ("SRI")-4 response rates increased in a dose dependent manner
- Trends of reduction in proteinuria level and improvement of immunologic bio-markers²
- The only BTKi ever shown efficacy in Phase II SLE trials
- Phase IIb trial in mainland China is progressing

Other Autoimmune Diseases (RA,MS, Psoriasis, LN) Prevalence Rate



Global (million number of patients)

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Major Program Update Orelabrutinib (ICP-022): ITP Phase II Results





Phase II data readout, as of cut-off date on 6 February 2023:

- The overall 36.4% (12 out of 33) patients met the primary endpoint, while 40% patients met the primary endpoint at the 50mg arm (6 out of 15)
- The data from 22 patients with previous response to glucocorticoids ("GC") or intravenous immunoglobulin ("IVIG") were analyzed as a sub-group: 75.0% patients at the 50mg arm achieved the primary endpoint (6 out of 8)

Major Program Update ICP-332:TYK2 JH1 inhibitors to Potential Blockbuster Oral Treatments



ICP-332 (TYK-2, JH1) Phase I

- Phase I study: SAD, MAD, food effect completed
 - Demonstrated a dose proportional and favorable PK profile, no significant food effect observed
 - Safe and well-tolerated, no significant decrease of platelet and hemoglobin (JAK2-related AE) observed and no DLT observed
- Phase II trial for atopic dermatitis ongoing



Selectivity									
Drug	TYK2 vs. JAK1 (fold)	TYK2 vs. JAK2 (fold)	JAK1 vs. JAK2 (fold)						
ICP-332	~40	~400	10						

Evaluate JAK1/TYK2 inhibitor for AD and other indications

Strategies: Targeting Type 2 Inflammation by JAK-Inhibitor



Major Program Update ICP-488:TYK2 inhibitor: Potential Blockbuster for Oral Treatments

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ICP-488 (TYK-2, JH2)

- An oral, potent and allosteric TYK2 inhibitor that selectively binds to the JH2 pseudokinase domain with no activities on JAK1-3
- Phase I study
 - Completed SAD (maximum dosage to 36mg), in MAD, psoriasis patients arms will be included, no DLT observed so far
 - Potential to show significant advantages in safety profiles verse other JAK family inhibitors



Differentiated Strategy in Hemato-oncology





Differentiated Strategy in DLBCL





	Deve	Townst	Indiantian	Disebte		Dose Escalation	Dose E	xpansion	Pivot	al Trial
	Drug	Drug Target Indication		Rights	IND Enabling	PHIa	PHIb	PH2*	PH2**	PH3
DLBCL	ICP-022/		1L: DLBCL - MCD	\$						
	Orelabrutinib	BIK	Combo w/ CD20 r/r DLBCL	3	Combo w/ MIL-62 (basket)				0
	ICP-B04/ Tafasitamab	CD19	Tafa+LEN+Orelab, NHL	4						0
			Tafa+LEN, r/r DLBCL	*						🥂 🗖 🕂
	ICP-B02 CD3 x CD20		DLBCL/Hemato- oncology	\bigcirc						1
		_	DLBCL/Hemato- oncology	\bigcirc						
	ICP-490	E3 ligase	Combo w/ CD19 DLBCL/Hemato- oncology	3						
Registrational	trials Clir	nical Stage	Pre-clinical Stage	+ Listed drug						

Major Program Update Orelabrutinib (ICP-022): Pipeline in Hemato-oncology





New data:

- r/r MZL: First BTKi for MZL in China. ORR was 58.9% assessed by independent review committee ("IRC"). The median duration of response ("DOR") was 34.3 months (95% CI). The estimated 12-month PFS and OS were 82.8% and 91%
- 1L MCD DLBCL: Differentiated orelabrutinib for 1L DLBCL worldwide
- r/r WM: With a median duration of treatment of 24.9 months, MRR was 80.9%. ORR was 91.5%. The estimated 12-month DOR was 84.9%. The estimated 12-month PFS was 81.2%. The median PFS has not been reached. There was no reported Grade 3 or higher atrial fibrillation and/or atrial flutter, or Grade 3 diarrhea

Cao XX, Jin J, Fu CC, Yi SH, Zhao WL, Sun ZM, Yang W, Li DJ, Cui GH, Hu JD, Liu T, Song YP, Xu B, Zhu ZM, Xu W, Zhang MZ, Tian YM, Zhang B, Zhao RB, Zhou DB. Evaluation of orelabrutinib monotherapy in patients with relapsed or refractory Waldenström's macroglobulinemia in a single-arm, multicenter, open-label, phase 2 study. EClinicalMedicine. 2022 Oct 4;52:101682. doi: 10.1016/j.eclinm.2022.101682. PMID: 36313145; PMCID: PMC9596308.





Current Status and Further Development

- Registrational trial for r/r DLBCL is ongoing to support approval in mainland China
- Approved for Urgent Clinical Use in the Hainan Province, 1st patients reached CR after 2 cycles treatment
- BLA was approved in Hong Kong and will followed by pilot use in GBA
- Potential combination therapy with Orelabrutinib

Competitive Landscape: Selected Novel Therapy in r/r DLBCL											
Company	Target	Therapy	Phase	ORR (%)	CR (%)	mDOR (m)	mPFS (m)	mOS (m)			
Incyte/InnoCare	CD19	Tafasitamab + Lenalidomide	Approved ex-China	57.5	40	43.9	11.6	33.5			
ADC Therapeutics	CD19 ADC	Loncastuximab tesirine	Approved ex-China	48.3	24.1	10.25	4.93	9.92			
Roche	CD79b ADC	Polatuzumab vedotin + BR vs BR	Approved	42 vs 18	23 vs 3	12.6 vs 7.7	9.5 vs 3.7	12.4 vs 4.7			
Roche	CD20/CD3	Glofitamab	BLA	52	39	10.4	3.8	11.5			
Amgen/ Beigene	CD19/CD3	Blinatumomab	II	43	19	11.6	3.7	5.0			
Regeneron/ Zai Lab	CD20/CD3	Mosunetuzumab	II	33	21	N/A	N/A	N/A			
AbbVie	BCL2	Venetoclax+R+Pola	II	65	31	5.8	4.4	11			

Source: Frost & Sullivan Analysis as of the end of 2022; Insight; Pharma Intelligence



Major Program Update ICP-490: Highly Potent Next Generation CRBN Modulator





Source a: Reference: a: Jan, M., Sperling, A. S., and Ebert, B. L. (2021). Cancer therapies based on targeted protein degradation — lessons learned with lenalidomide. Nature Reviews Clinical Oncology 18, 401-417.







Solid Tumor Strategy





Major Program Update ICP-192: Promising Safety and Efficacy Seen in Phase II trials



ICP-192 (Gunagratinib, FGFRi)

- Finished dose-escalation ranging from 2 mg to 26 mg and no DLT observed
- Safe and well-tolerated in patients with advanced solid tumors
- 20 mg showed efficacy in cholangiocarcinoma patients who have completed at least one tumor assessment with 52.9% ORR, 94.1% DCR, and mPFS 6.93 months, posted at ASCO GI
- Registrational trial in cholangiocarcinoma is ongoing
- Exploring urothelial cancer in China
- Progressing basket trial, including gastric and head & neck cancer in multiple countries



A Glance at FGFR Mutation by Solid Tumor Types Worldwide

Major Program Update

ICP-723: Favorable Clinical Results with Potential Best-in-Class Profile



ICP-723 (Zurletrectinib,TRKi)

- 2nd generation TRKi overcomes acquired resistance to 1st generation TRKi
- No DLTs observed in Phase I dose escalation study (1-20 mg)
- Phase I study demonstrated favorable PK profile and anti-tumor activity
- Phase II does expansion study is going with RP2D at 8 mg, 75% ORR observed in various types of solid tumors carrying NTRK fusion in different dosage
- Conducting registrational trial in China
- IND application of pediatric patients was accepted in 2023Q1

NTRK Gene Fusion Mutation is an Oncogenic Driver for a Variety of Cancer Types









Solid Tumor Phase I

ICP-189 (SHP2)

- First patient enrolled in June 2022 and Phase I trial ongoing in China
- 1 patient with cervical cancer in 20 mg dose cohort achieved PR
- Phase Ia dosage escalated to 80 mg with no DLT observed
- □ No ≥ G3 TRAEs and SAEs and preliminary efficacy was observed in monotherapy
- Demonstrated favorable PK profile and long half-life
- Potential initiation of Phase Ib trial for the multiple combination ie. EGFRi in lung cancer, PD-1 in multiple cancer types
- IND approval was granted by the FDA in March 2023

ICP-B05 / CM369 (CCR8)

IND was approved by CDE in August 2022 and first patient was dosed in 2023Q1

ICP-033 (DDR1, VEGFR)

Phase I trial ongoing in China

Anticipated Milestones & Catalysts in Next 12 Months *Leverage Innovation to Drive Next Growth Chapter*



Liquid Cancer	 Orelabrutinib r/r MCL NDA filing in U.S. Complete 1L DLBCL-MCD enrollment Complete 1L CLL/SLL enrollment 	 Tafasitamab (CD19) NDA submission in mainland CN Commence pilot use in GBA NDA approval in Macau
Auto- immune Diseases	 Orelabrutinib MS Phase II full data readout & Phase III study plan ITP Phase II preliminary result Complete Phase IIb SLE patients enrollment 	 ICP-332 (TYK2 - JH1) Phase II data readout ICP-488 (TYK2 - JH2) Complete Phase I trial PoC in psoriasis
Solid Tumors	 ICP-192 (FGFR) Complete patients enrollment of iCCA registrational trial ICP-723 (TRK) Complete patients enrollment of registrational trial 	 ICP-189 (SHP2) Phase I trial result, confirm RP2D B05 (CCR8) Phase I trial result
 Commercialization Significantly increase total revenue, with Orelabrutinib and Tafasitamab Keep Orelabrutinib ramp-up momentum, increase market share 		 Strategic Collaboration Continue to broaden global partnership of internal assets Expanding platform and pipeline by M&A and inlicensing synergistic products

Financial Review *Key Financials for 2023Q1*





(RMB mn)



R&D Costs





¹ Non-HKFRS: excluding foreign exchange and share-based compensation impact

² Cash and cash equivalents = investments measured at fair value investments, cash and bank balance, interest receivable

Research & Development *Product Pipeline – Liquid Cancer*



	Drug	Target	Indication(s)	Piabte	IND Enabling	Dose Escalation	Dose Ex	pansion	Pivota	al Trial	Filed	Markot	
	Drug	raiget	indication(s)	Rights		PHIa	PHIb	PH2*	PH2**	PH3	Theu	Warket	
			r/r CLL/SLL	\$	NDA approved: 25 Dec 2020								
Liquid			r/r MCL	3	NDA approved: 2	5 Dec 2020	,						
			r/r MZL	3	NDA approved: 21 Apr 2023								
	ICP-022/ Orelabrutinib		r/r WM	3	NDA accepted by completed in 202	/ NMPA in first 22	quarter 2022 a	and site inspec	ction was		Ø		
		ВТК	1L: CLL/SLL	\bigcirc									
		ib	1L: MCL	\bigcirc									
			1L: MCD DLBCL	\bigcirc									
Cancer			r/r MCL	\$	U.S. Developme	nt Status					2		
	ICP-B04/ Tafasitamab CD19	CD19	Tafa + LEN, r/r DLBCI	4						0	8	★ ^{HK}	
			Tafa + LEN + Orela NHL	*						0			
	ICP-B02 CD3 x CD20		Hemato-oncology	\$	IND for SC was accepted in Dec	2022				0			
	ICP-248 BCL-2	BCL-2	NHL/ALL/ Combo	\bigcirc	First Patient dos Mar 2023	ed in							
	ICP-490	E3 Ligase	MM / DLBCL / Hemato-oncology	\$	IND was approve 2022 and does es	ed in Jul scalation							
	ICP-B05	CCR8	Hemato-oncology	\bigcirc	IND was approve March 2023	ed in							

Research & Development *Product Pipeline – Autoimmune & Solid Tumor*





Clinical Compounds with Unique Properties



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科学驱动创新 患者所需为本 Science Drives Innovation for the Benefit of Patients