

HUTCHISON CHINA MEDITECH

Deutsche Bank 40th Annual Health Care Conference

Boston, MA, USA 6 May 2015

(AIM: HCM)

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The Presentation should be read in conjunction with Chi-Med's final results for the year ended 31 December 2014, copies of which are available on Chi-Med's website (www.chi-med.com).



To become a large-scale China-based pharmaceutical company

the leader in China oncology; & <u>a big player</u> in targeted therapies ex-China

Innovation Platform

the leading China-based innovator in oncology & immunology

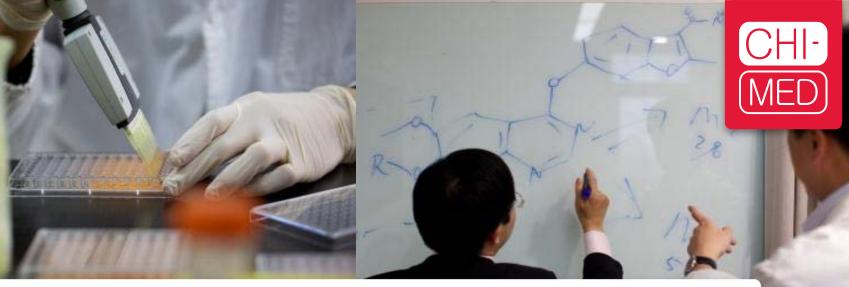
- ✓ 7 clinical drug candidates in 16 studies worldwide.
- ✓ All global and/or Breakthrough Therapy potential.
- ✓ >250-person R&D team producing 1-2 novel drug INDs per year.

China Commercial Platform

a powerful commercial network in China pharma

- ✓ 3,000-person China sales team.
- ✓ Existing China pharma sales of >\$500m in 2014.[1]
- Ready to rapidly commercialise Innovation Platform drugs once approved in China.

3



Innovation Platform

Near term: Driving for first product launches Mid-longer term: Building a pipeline for future growth





Experienced pharma management team

POSITION		EXPERIENCE (yrs) Industry/Chi-Med	ROLE / BACKGROUND
CHRISTIAN HOGG, BSc, MBA <i>Chief Executive Officer</i>	P&G Procter & Gamble	26/15	Led all aspects of the creation, implementation & management of Chi-Med's strategy, business & IPO since 2000 start - incl. AZ, Lilly, Nestlé deals & est. of pharma business.
WEIGUO SU, PHD <i>EVP, Chief Scientific Officer</i>	Pfizer	25/10	Created Chi-Med's R&D strategy, innovation platform & led all pipeline discovery; Director of Med Chem at Pfizer; Harvard Ph.D./post-doc under Nobel Laureate E. J. Corey.
JOHNNY CHENG, BEC, CA <i>Chief Financial Officer</i>	Bristol-Mye Squibb	26/7	Former VP, Finance at BMS China; 8 years with Nestlé China heading finance & control in multiple businesses; KPMG & PWC in Australia & Beijing.
YE HUA, MD, MPH <i>SVP, Clinical & Regulatory Affairs</i>	Abbott Abbott	ne 16/1	Led Revlimid & Pomalyst global development in multiple myeloma; 15 yrs of global registrations incl. Humira, Zometa, Reclast, Femara, Cardioxane, Proleukin.
ZHENPING WU, PHD, MBA SVP, Pharmaceutical Sciences	Pfizer	25/7	Leads all CMC development & manufacturing for Chi-Med's pipeline; Sr Director of PS at Phenomix; Director of Pharmaceutical Development at Pfizer San Diego.
MAY WANG, PHD <i>SVP, Bus. Dev. & Strategic Alliances</i>	Lilly	21/5	Leads alliance mgmt & BD for Chi-Med; long career in research, primarily biology, strategic alliance management, partnering & business development with Eli Lilly.
MARK LEE, BENG, MBA <i>SVP, Corp. Finance & Development</i>	CREDIT SUISSE	16/6	Focuses on strategic management, overall corporate operations & alliance support; Former US/UK banker advising & raising capital for major pharma & biotech.

Management team comprised mainly of returnees averaging 20 years in multinational pharma & biotech.

5

All scientific leadership have *participated in the discovery & development of global blockbusters*.



SUTEN

sunitinib malate





[1] Novel Chemical Entities [2] Diamond, S.; et. al.: Species-specific metabolism of SGX523 by aldehyde oxidase, *Drug Metabolism and Disposition*, 2010, 38, 1277-85

E.g. Use of co-crystal structures Focus on small

with kinases

- ✓ Optimize binding to on-target protein, for potency.
- ✓ Minimize binding to off-target proteins for selectivity.

molecules interactions



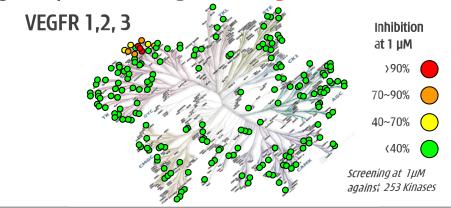
- Inhibit only the specific target, with minimal or no, offtarget kinase inhibition.
- More potent, better target coverage, less tox., & combinable.

Strategy – Chemistry-led approach

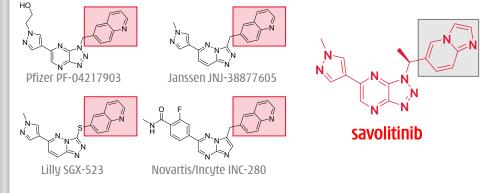
Fragment-based design of NCEs^[1]

World-class in-house chemistry group / know-how to design all drug candidates.

Superior small molecules w/ global first-in-class or best-in-class potential fruguintinib: designed to only inhibit E.q.



E.g. savolitinib: designed to eliminate potential kidney tox.



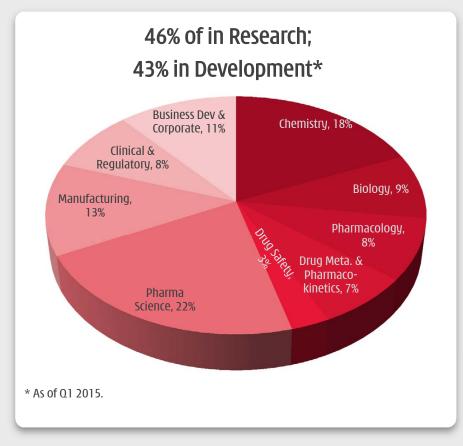
2-quinolinone metabolite in humans in 1st gen cMet compounds has dramatically reduced solubility and appeared to crystallize in the kidney resulting in obstructive toxicity.^[2]

Capability – Fully integrated, in-house platform 13 years, ~250 scientists and staff, with approx.\$255m invested



The leading China-based innovator in oncology & immunology

Deeply resourced in Research. Well positioned for Development.



OUR ADVANTAGES

✓ Large-scale fully integrated in house platform chemistry, biology, pharmacology, DMPK, tox., CMC, C&R, and translational organisations working together seamlessly and continuously.

✓ China clinical speed

major unmet medical needs (3.8 million new cancer patients/year), rapid development and regulatory support. Allows for study of multiple indications, PoC in China.

✓ Competitive costs

overall clinical costs, particularly pre-PoC, a fraction of US or Europe.

✓ Constancy of purpose

13 years with continuous financial support.

16 clinical studies in progress 7 clinical candidates -10 possible Breakthrough Therapy indications



Program	Target	Partner	Indication	Target Population / Study Details	Preclin	Phase I	Ph Ib	Phase II	Phase III		
		~	Papillary renal cell carcinoma	1st line US/Canada/EU	BT		n/a		•		
		AstraZeneca	Non-small cell lung cancer	EGFRm +ve combo. w/ AZD9291 Global	BT						
Covalitinib		a.	Non-small cell lung cancer	EGFRm +ve combo. w/ gefitinib China	BT						
Savolitinib (AZD6094 /	c-Met	Zei	Non-small cell lung cancer	EGFRwt + c-Met O/E monotherapy China	BT				est. 2016 1 st		
(AZD60947 volitinib)	C-Met	le	Gastric cancer	c-Met +ve monotherapy China	BT				NDA filings		
volicinioj		a C	Gastric cancer	c-Met O/E monotherapy China	BT						
			Gastric cancer	c-Met +ve combo. w/ docetaxel China	BT						
		<u> </u>	Gastric cancer	c-Met O/E combo. w/ docetaxel China	BT						
		2/3 Lilly			Colorectal Cancer	3rd Line all comers (2 studies) China					
Fruquintinib	VEGF 1/2/3		Non-small cell lung Cancer	3rd Line all comers China			n/a				
			Gastric Cancer	2nd Line combo w/ paclitaxel China							
Sulfatinib	VEGFR/FGFR		Neuroendocrine Tumours	Pancreatic, lung, gastric China	BT						
Epitinib	EGFRm+		Non-small cell lung cancer	EGFRm +ve w/ brain mets China	BT						
Theliatinib	EGFR WT		Osoephageal, solid tumours	China							
HMPL-523	Syk		RA, MS, lupus	Australia							
	зук		Hematolgical cancers	Australia							
HMPL-689	ριзκδ		Hematolgical cancers	Lymphoma, leukemia							
			Ulcerative Colitis (Mild-Mod.)	8 wk Induction US/EU under review			n/a				
HMPL-004	NF-KB (TNF-α, etc)	Nestlē		Ulcerative Colitis (Mild-Mod.)	52 wk Mainten US/EU under review			n/a			
	(Health Science	Crohn's Disease	8 wk Induction US under review			n/a				
HMPL-453	FGFR		Solid tumours	Global					Oncology		
Collaboration	Novel	Janssen)	Inflammation	Global							

8 Notes: BT = possible Breakthrough Therapy indication; combo = in combination with; brain mets. = brain metastasis; EGFRm = epidermal growth factor receptor mutant; EGFRwt = epidermal growth factor receptor wild type; +ve = tested positive; O/E = over expression; MS = Multiple Sclerosis; RA = Rheumatoid Arthritis; CLL = Chronic Lymphocytic Leukaemia.

1. Summary: **Baseline** AZD6094 has both global first-in-class and best-in-class potential. Objective Response Rate^[2]: 38% Disease Control Rate^[3]: 75% Highest ever response rate in PRCC/Phase I/II (ORR 38%) compared 60% Chromosome7 gain to previous high of 13.5% for foretinib (GSK) in PRCC Phase II 2012.

Currently testing in 8 potential "Breakthrough Therapy" indications to provide accelerated pathway to approval.

Highest ever response rate seen in c-Met+ patients^[1]

2. c-Met is aberrant in many tumour settings.

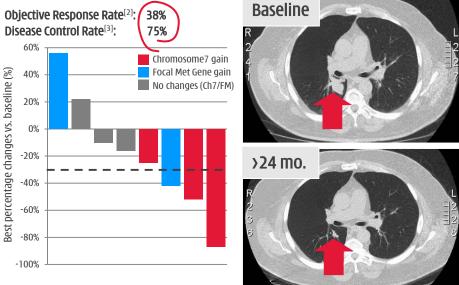
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Savolitinib (AZD6094)

		c-Met	New Cases	New Cases (2008)			
Indication	Amplifi- cation	Mutation	Over- Expression	Global	China		
Gastric (Stomach)	10%	1%	41%	989,598	464,439		
Lung	4%	8%	67%	1,608,823	522,05		
Head & Neck	11%	27%	46%	653,199	76,37		
Melanoma				197,402	3,82		
Colon	10%		65%	1,233,711	221,31		
Multiple Myeloma				102,762	5,90		
Ovarian	4%	4%	33%	225,484	28,73		
Kidney (PRCC) ^[5]	40-75%	100%		30,150	3,61		
Kidney (Others)		13%	79%	271,348	32,50		
Esophagus	4%		92%	482,239	259,23		
Total				5,794,716	1,618,00		

3. Kidney -- Papillary Renal Cell Carcinoma (PRCC)^[4].

AstraZeneca



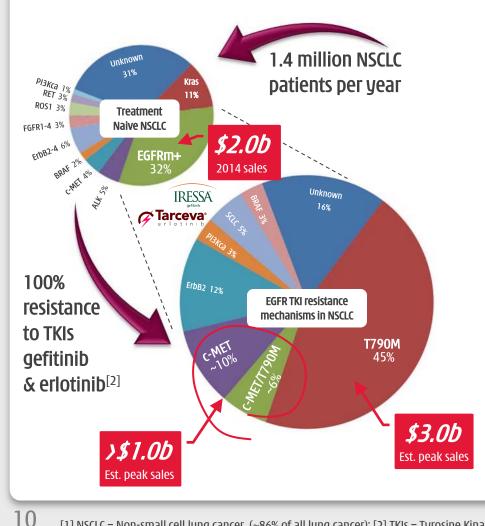
- PRCC represents 10-15% of the ~270.000 new renal cell carcinoma (kidney cancer) patients worldwide annually.
- There are *no current approved treatments for PRCC*.
- Global Phase II PRCC study started May 2014. Enrolment target to complete mid 2015, *report end 2015*.
- US submission for approval target 2016, possible Breakthrough Therapy designation. PRCC *market potential est. > \$500 million*.

[1] c-Met+ = c-Met amplification; [2] ORR = percent of patients with >30% tumour diameter shrinkage; [3] DCR = percent of patients with tumour diameter growth <20%; [4] PRCC = Papillary renal cell carcinoma (10-15% of kidney cancers); [5] 220 frozen samples catalogued in French RCC Network indicated 55-60% of PRCC patients with gains in Chr7 (c-Met Amplification) - AACR 2014.

Submit for US approval in 2016

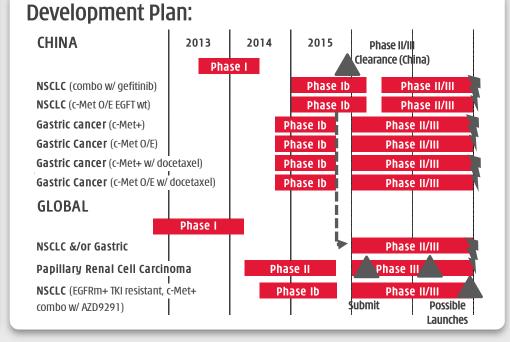


4. EGFRm+ TKI resistant non-small cell lung cancer^[1].



5. Major market potential in NSCLC:

- The market potential of the EGFRm+ TKI resistant NSCLC patient population c-Met amplification may be >\$1 billion (ref. ~\$3bn market potential of T790M market). Phase Ib/II ongoing.
- AZD6094 active in many MET+/O/E settings. Phase Ib/II ongoing in gastric & lung cancer either as mono. or combo. with chemo/TKIs.



[1] NSCLC = Non-small cell lung cancer (~86% of all lung cancer); [2] TKIs = Tyrosine Kinase Inhibitors including gefitinib = Iressa®; and erlotinib = Tarceva®.

Fruquintinib The most selective VEGFR inhibitor in clinical trials globally^[1]



- Day=28, 2mg-gd

Day=14.

Dav=14

Day=14, 2mg-gd

Dav=14, 6mg-gd

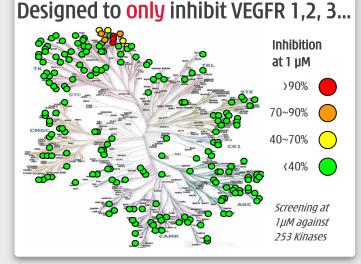
EC80 (>80% pVEGFR inhibition

EC50 (>50% pVEGFR inhibitio

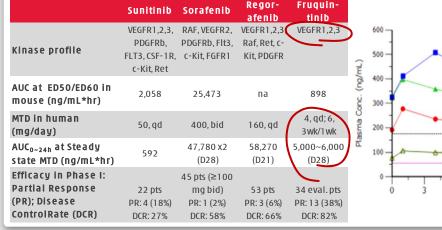
21

4mg-gd

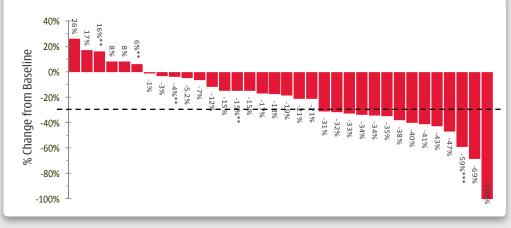
5mg-qd



....limits off-target toxicity & allows for full & sustained target inhibition.



....leading to outstanding Phase Ia tumour response.....



.....across multiple solid tumour types.

Time (h)

Population	Patients No. (pts.)	PR (pts.)	SD (pts.)	ORR ^[2]	DCR ^[3]
Intent to Treat population (ITT)	40	13	15	33%	70%
Evaluable patients	34	13	15	38%	82%
Colorectal cancer	10	3	6	30%	90%
Non-small cell lung cancer	6	4	1	67%	83%
Breast cancer	7	2	5	29%	100%
Gastric cancer	2	1	0	50%	50%
Other	9	3	3	33%	67%

[1] among small molecule tyrosine kinase inhibitors and to the best of Chi-Med's knowledge; [2] Objective Response Rate ("ORR") = patients with >30% tumour diameter shrinkage; [3] Disease Control Rate ("DCR") = % patients with <20% tumour diameter growth.

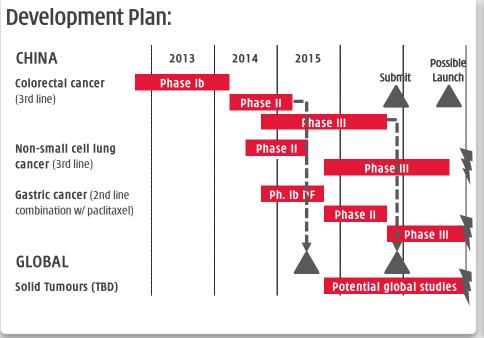
Fruquintinib Best-in-class VEGFR inhibitor - submit for approval in 2016



Led to fast development in China....

- Partnered with Lilly (Oct-2013) to provide resource for PoC^[2] in multiple tumour types.
- Proceeded to Phase Ib CRC^[3] study while we waited for Phase II/III CTA^[5] approval in China.
- China PoC driving global development plan.

Colorectal Ca	ncer Phase Ib Study ^[1]	Regimen	Objective Response Rate	Disease Control Rate	≥16-wk Progression Free Survival	≥9-mo Overall Survival
Fruquintinib	Phase Ib (China) 3rd Line colorectal cancer	5mg 3/1 wk (N = 42)	10.3%	82.1%	66.7%	62%
Regorafenib	Phase III (Asia)	160mg 3/1 wk (N = 136)	4.4%	51.5%	~38%	~46%
	3rd Line colorectal cancer	Placebo (N = 68)	0%	7.4%	~3%	~24%



.....Latest status......

- Colorectal cancer (3rd line):
 - ✓ Phase II PoC study (71 pts.) *enroled in ~4 months* (April-Aug 2014).
 Clearly met primary endpoint of PFS. Safety profile consistent.
 - Phase III registration study (~420 pts.) started enrolment in Dec 2014. 26 centres in China. *Expect to complete early 2016*.
- Non-small cell lung cancer (3rd line):
 - Phase II PoC study (91pts.) *enroled in ~9 months* (Jun 2014-Mar 2015). Read-out in mid-2015.
- Gastric cancer (2nd line):
 - ✓ Phase Ib dose finding study (w/paclitaxel) started late-2014. First cohort complete (at dose >EC50 24hr. inhibition). *Combinability key to maximise market potential*.

12 [1] Objective Response Rate ("ORR") = patients with >30% tumour diameter shrinkage; Disease Control Rate ("DCR") = % patients with <20% tumour diameter growth; Progression Free Survival ("PFS") = % of patients with <20% tumour diameter growth at 16 weeks; Overall Survival ("OS") = % patients alive at 9 months; [2] PoC = proof of concept; [3] CRC = colorectal cancer; [4] NSCLC = Non-small cell lung cancer; [5] CTA = Clinical Trial Application.

Sulfatinib VEGFR/FGFR1 - Highest ORR ever seen in neuroendocrine tumours ("NET")

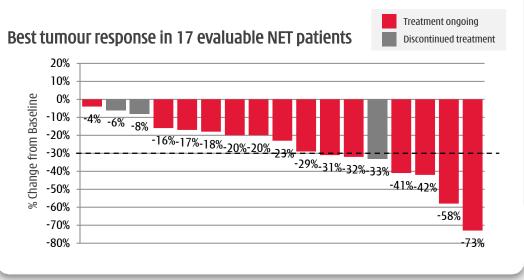


1. High NET prevalence & no broadly effective drugs.

		UNITED S	TATES		CHI	NA
	Incidence (new cases /year)	Survival (% patients)	Prevalence (Est. patients)	Prevalence (Est. % of all NET)	Incidence (Est. new cases /year)	Prevalence (Est. patients)
Stomach	823	63%	6,567	5.9%	3,553	28,359
Small intestine	2,786	69%	24,462	22.1%	12,030	105,632
Rectum	2,216	88%	24,643	22.3%	9,568	106,413
Colon	1,135	54%	7,806	7.1%	4,900	33,709
Pancreas	596	34%	2,564	2.3%	2,576	11,071
Appendix	402	78%	3,965	3.6%	1,735	17,121
Total GI NET	7,958	69%	70,006	63.3%	34,363	302,305
Lung & Bronchus	4,388	46%	25,781	23.3%	18,948	111,328
Other	2,634	25%	8,319	7.5%	11,373	35,926
All NET	14,979	58%	110,635	100.0%	64,683	477,750

- 5-fold increase in incidence of NET in US over past 30 years.
- Second most common gastrointestinal (GI) malignancy.

2. Sulfatinib's unprecedented efficacy in NET patients.



- US IND submitted Feb-15. Phase I bridging mid-15, Phase II US NET study start H2-15. Breakthrough Therapy potential to accelerate US approvals.
- China Phase Ib ongoing. CTA^[3] submitted &
 Phase III registration study starts end-15.

	octreotide /Placebo	everolimus /Placebo	sunitinib /Placebo	lanreotide /Placebo	sulfatinib
NET Approval	Mid-gut	Pancreatic	Pancreatic	Gastrointestinal (Antigen Ki67<10%)	All NET efficacy
median PFS (months)	15.6 / 5.9	11.0/4.6	11.4 / 5.5	NR / 18.0	No Progression yet in 17 evaluable patients (median time on drug 7.5 mo.)
Hazard Ratio	0.33	0.35	0.42	0.47	
p-value	0.000017	<0.001	<0.001	<0.001	
Objective Response Rate ^[1]	2% / 2%	5% / 2%	9% / 0%	NR	32%
Disease Control Rate ^[2]	67% / 37%	73% / 51%	63% / 60%	NR	100%

13 [1] ORR = percent of patients with >30% tumour diameter shrinkage (Note: Intent to Treat ITT population = 22; patients evaluable for efficacy = 17; 5 patients withdrawn/lost to follow-up/AE); [2] DCR = percent of patients with tumour diameter growth <20%; [3] CTA = Clinical Trial Application (for Phase II/III in China).

HMPL-523

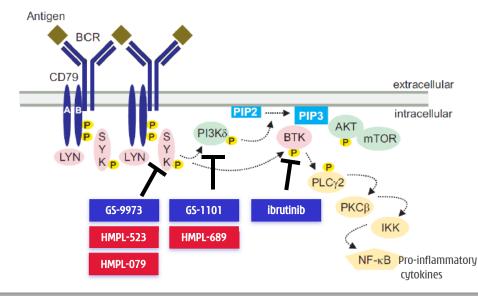
CHI-MED

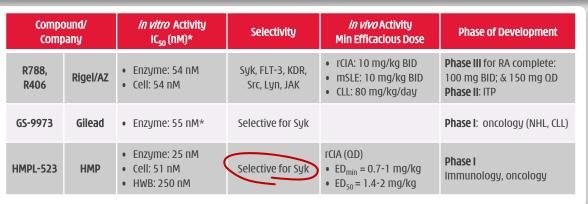
Possible global first-in-class Syk inhibitor - Phase I complete mid-2015

1. HMPL-523 could be global first-in-class

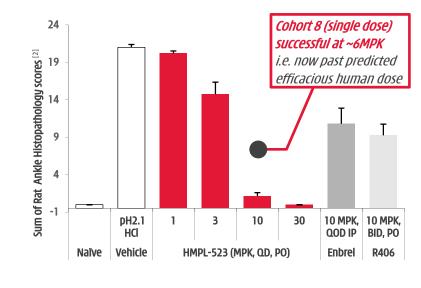
- Highly selective Syk inhibitor with clear *in vivo* efficacy in RA/Lupus -- Syk pathway/B-cell activation. Strong potency *in vivo* vs. Enbrel (Amgen) \$4.6b/yr. RA sales.
- Oral form TKI a major advantage over MAbs.
- Phase I in Australia *9 cohorts completed* (single dose).
 On completion, license globally for co-development.

2. Syk inhibition field is wide-open and valuable.





3. Rheumatoid Arthritis ("RA"): \$38.5b market^[1].



[1] Visiongain 2017 forecast; [2] Aggregate of scores for Bone resorption; Structure (cartilage damage); Cartilage cells Inflammatory cell infiltration in periarticular tissue; and Synovial inflammation & hyperplasia; MPK = milligrams per kilogram of body weight.; QD = one dose per day; BID = two doses per day; QOD = one dose every other day; PO = by mouth (i.e. orally); IP = by Intraperitoneal injection; Naïve = model score without induced arthritis; Notes: Fostamatinib is a prodrug of the SYK inhibitor R406; Enbrel (Amgen/Pfizer) monoclonal antibody anti-TNF for RA - 2013 RA global sales \$4.6 billion.

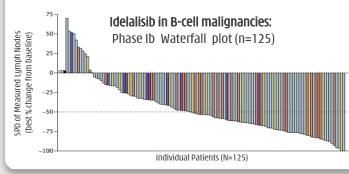
HMPL-689

Designed to be a best-in-class inhibitor of PI3K δ – Phase I late-2015



1. PI3K $\boldsymbol{\delta}$ now a proven target

- PI3Kδ activation associated with allergy, inflammation & oncology.
- Evidence that PI3Kδ inhibitors effective in ibrutinib-resistant mutant population.



2. PI3K δ inhibitors being developed in a very broad range of indications

Compound		Indication	Status	Issue
ldelalisib (GS-1101) PI3Kō	Gilead Sciences	Chronic lymphocytic leukaemia, non-Hodgkin's lymphoma Hodgkin's lymphoma Waldenstrom`s hypergammaglobulinaemia	\sim	High incidence of liver toxicity seen with idelalisib (150mg bid)
АМG-319 РІЗКठ	Amgen	B-cell lymphoma, non-Hodgkin`s lymphoma, T-cell lymphoma, chronic lymphocytic leukaemia	Phase I Trial	
Duvelisib ^[1] (IPI-145)	AbbVie / Infinity	B-cell lymphoma, non-Hodgkin`s lymphoma, chronic lymphocytic leukaemia Asthma, rheumatoid arthritis	Phase III Trial Phase II Trial	Need to spare PI3Ky serious infection seen with duvelisib due to
ΡΙ3Κγ / δ	minity	COPD, SLE, psoriasis, MS transplant rejection, allergy, acute lymphocytic leukaemia, T-cell lymphoma	Phase I Trial	strong immune surpression

3. HMPL-689 -- Important asset

Designed to improve on existing PI3K δ inhibitors:

- 1) improved isoform selectivity (sparing PI3Ky);
- *improved potency at whole blood level* (>5x more potent than idelalisib) to cut compound related toxicity;
- *3) improved PK properties* particularly efflux and drug/drug interaction due to CYP inhibition/induction.

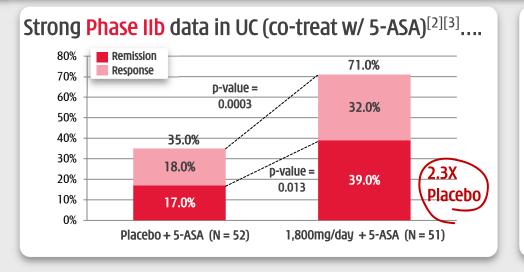
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4. HMPL-689 more potent and more selective than idelalisib & duvelisib

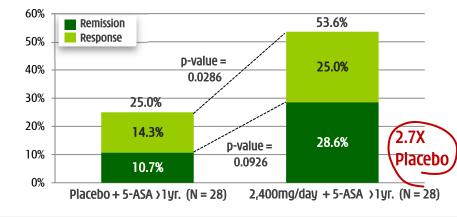
IC ₅₀ (μΜ)		HMPL-689	idelalisib	duvelisib
	РІЗКО	0.0008 (n = 3)	0.002	0.001
Enzumo	PI3Kγ (fold vs. PI3Kδ)	0.114 (142X)	0.104 (52X)	0.002 (2X)
Enzyme	PI3Kα (fold vs. PI3Kδ)	>1 (>1,250X)	0.866 (433X)	0.143 (143X)
	PI3Kβ (fold vs. PI3Kδ)	0.087 (109X)	0.293 (147X)	0.008 (8X)

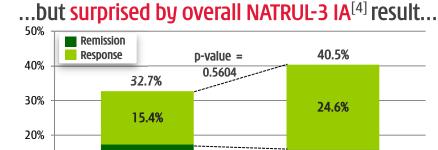
[1] COPD = Chronic obstructive pulmonary disease; SLE = Systemic lupus erythematosus; MS = Multiple Sclerosis.

HMPL-004 – Post-hoc analysis of NATRUL-3 IA^[4] Working with Nestlé Health Science to agree next steps



...but HMPL-004 works well in 5-ASA failure patients... ...particularly if difficult to treat patients stratified.





p-value =

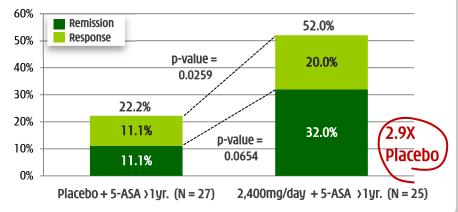
0.7364

15.8%

2,400mg/day + 5-ASA (N = 57)

17.3%

Placebo + 5-ASA (N = 52)



[1] Post-hoc analysis of IA: sub-group base sizes in these analyses are small and should be viewed for general indication purposes only: [2] UC = Ulcerative colitis: [3] 1,800mg/day HMPL-004 plus Mesalamine (5-ASA) versus Mesalamine (5-ASA) alone (Placebo-arm); [4] IA = Phase III Interim Analysis conducted at ~1/3rd patient enrolment.

10%

0%

Four collaborations have major aggregate financial impact





17

- ~\$1.3 billion in Partner payments to HMP/NSP^[1]:
 - \$77 million in upfront /milestone payments and equity injections as at 31 December, 2014.
- up to \$471 million in further development and approvals milestones
- up to \$145 million in option payments.
- up to \$560 million in commercial milestones.
- customary tiered royalties on net sales.

Clinical trial spending^[2]:

- clinical costs estimated at several hundred million US dollars.
- Partners to fund the vast majority of these clinical costs.

Possible payment events in 2015:

- **Fruquintinib:** Phase II PoC^[3] read in CRC^[4] (H1-15) and NSCLC^[5] (H2-15).
- AZD6094: (Phase Ib) PoC read in NSCLC (2015).
- **Other possible:** Janssen compound Phase I start; & HMPL-523 deal.

Multiple growth drivers anticipated during next 18 months



H1 2015

Savolitinib/AZD6094 (c-Met)

• Phase II PoC interim data - Global papillary renal cell carcinoma ("PRCC")

Fruquintinib (VEGFR 1, 2, 3)

- Phase II PoC enrolment complete China 3L non small-cell lung cancer ("NSCLC")
- Phase II PoC data & potential milestone China 3L colorectal cancer *Sulfatinib (VEGFR/FGFR)*
 - ✓ US IND submission
- O Phase I PK bridging initiation US neuroendocrine cancer

HMPL-523 (Syk)

- ✓ China rheumatoid arthritis ("RA") IND submission
- ✓ China oncology IND submission
- O Phase I completion (multiple-dose) Australia (RA)

H2 2015 & H1 2016

Savolitinib/AZD6094 (c-Met)

- O Phase II PoC initiation & pot. milestone AZD6094/AZD9291 combo. NSCLC
- O Phase II PoC initiation AZD6094/gefitinib combo. 1L/2L NSCLC
- Phase IIb initiation China single agent c-Met+/ O/E Gastric cancer/NSCLC
- O Phase II PoC initiation China docetaxel combo. Gastric cancer/NSCLC
- O Phase II PoC data Global PRCC
- Potential Breakthrough Therapy application US PRCC

Fruquintinib (VEGFR 1, 2, 3)

- Phase II PoC data & potential milestone China 3L NSCLC
- O Pivotal Phase III initiation China 3L NSCLC
- O Pivotal Phase III enrolment complete China 3L colorectal cancer
- O Phase II/III initiation & potential milestone China 2L Gastric cancer

Sulfatinib (VEGFR/FGFR)

- o Pivotal Phase III initiation China neuroendocrine cancer
- O Phase II initiation US neuroendocrine cancer
- O Phase Ib initiation China thyroid cancer

HMPL-523 (Syk)

- Phase I dose escalation Australia (oncology CLL/NHL)
- O Potential global licensing for co-development & Phase II PoC RA initiation

HMPL-689 (PI3Kਠ) & HMPL-453 (Selective FGFR)

O Phase I initiation - Australia (oncology)



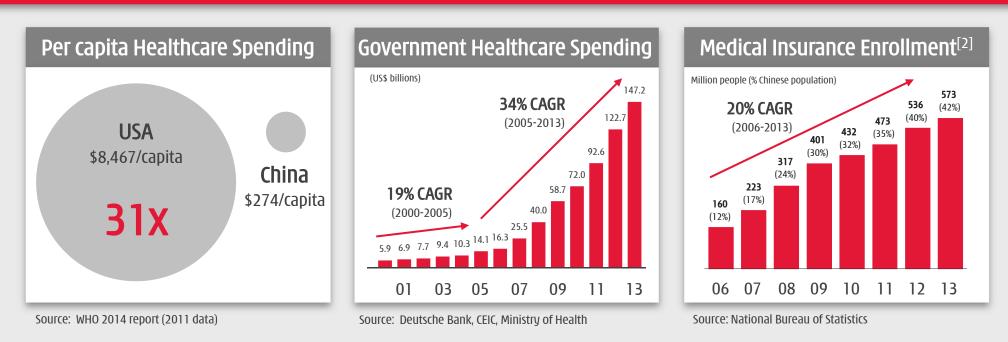
China Commercial Platform

Established high-performance pan-China pharma sales organisation Profitable, fast growth & cash generating – to fund drug R&D



China pharma market set to become the second largest globally by 2020





- China pharmaceutical industry growth 20% CAGR^[1] from 2005-2013 one of the highest rated industries in China with average P/E ratio of 43 for the 65 listed companies (appendix p30).
- Government healthcare spending continues to increase rapidly Strategic priority.
- Expansion of State Medical Insurance Schemes^[2] Link to increased drug reimbursement & sales.

Chi-Med's China Healthcare Division Long track record of commercial success – important source of cash



2 National house- hold name brandsFocus on largest disease categories		Major commercial	Leadership	JVs with 3 of top
		& production scale	market shares	5 China Pharmas
Most common disease		~3,000 Rx & OTC sales	Market leader in the sub-	SPH
diagnosed/treated in		people in about 600 cities	categories/markets in	上海医药
rural hospitals ^[3] :		& towns in China.	which we compete ^{[4][5]} :	SHANGHAI PHARMA
上药牌	Cold/Flu:86%Cardiovascular:78%Diabetes:46%GI:45%	Drugs in ~13,500 hospitals detailing ~80,000 doctors. Produced ~4.2 billion doses of medicine in 2014.	SXBXP:[6]>40%Rx Cardiovascular TCMBanlangen:[7]OTC Anti-viral TCMFFDS:[8]OTC Angina TCM	STNOPHARM

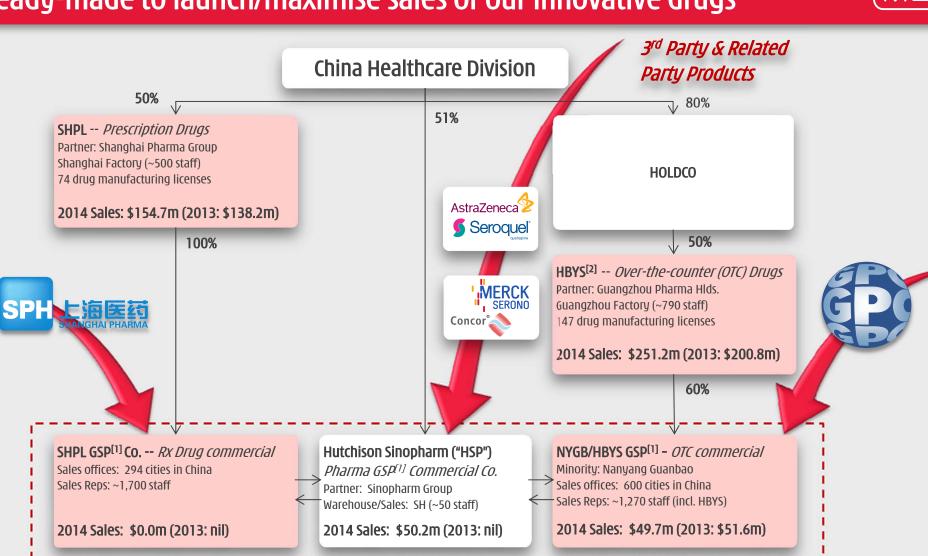
China Healthcare Division Performance – 2003-2014^{[1][2]}

													CAGR 5 years
(US\$ millions)	03	04	05	06	07	08	09	10	11	12	13	14	2009-14 (%)
Sales	21.9	27.9	65.1	101.4	119.0	155.8	197.0	231.2	271.0	350.5	394.6	509.4	21%
Own business	21.9	27.9	65.1	101.4	119.0	155.8	197.0	231.2	259.8	300.0	343.0	409.5	
Third-party business	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.2	50.5	51.6	99.9	
Total Sales Growth		27%	133%	56%	17%	31%	26%	17%	17%	29%	13%	29%	
Operating Profit	(10.1)	(2.7)	3.7	7.5	13.4	18.0	25.1	32.5	36.2	40.9	48.1	57.2	
Operating Profit Margin	-46.1%	<i>-9.7%</i>	5.6%	7.4%	11.3%	11.6%	12.8%	14.1%	13.3%	11.7%	12.2%	11.2%	
Net Profit After Tax	(10.7)	(3.6)	2.2	6.7	11.2	14.7	21.5	28.0	30.9	34.4	40.2	48.3	
Net Profit Margin	-48.9%	-12.9%	3.4%	6.6%	9.4%	9.4%	10.9%	12.1%	11.4%	9.8%	10.2%	9.5%	
NPAT Attrib. to Chi-Med	(5.7)	(3.7)	(0.5)	1.2	4.5	5.9	9.3	12.7	14.0	15.5	18.6	22.6	19%
NPAT Growth		-35%	-86%	340%	275%	31%	58%	37%	10%	11%	20%	21%	

21 [1] 2003-2006 incl. disco. operation; [2] Sales/profit of subsidiaries and JVs (HBYS, SHPL, HHL, HSP) not incl. Hain JV; [3] Citigroup Research; [4] IMS Health data for five reference markets 2009; [5] SXBXP Shanghai hospital market; [6] She Xiang Bao Xin Pill ("SXBXP"); [7] Banlangen Granules ("BLG") - OTC Antiviral; [8] Fu Fang Dan Shen tablets ("FFDS").

(US\$ millions)

A powerful commercial platform in China Ready-made to launch/maximise sales of our innovative drugs



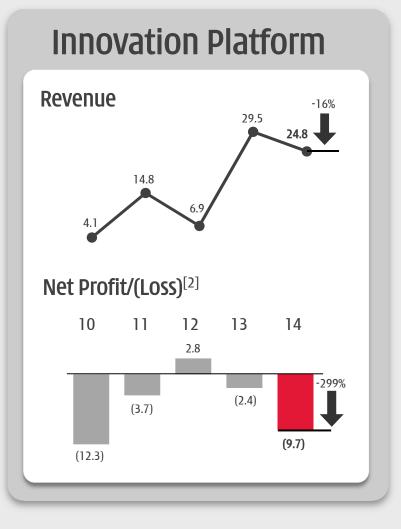
22 [1] GSP = Good Supply Practice Certification (license to sell and distribute third party drug products); [2] including HBYS 100% subsidiary – Hutchison Whampoa Guangzhou Baiyunshan Health & Wellness Co. Ltd.



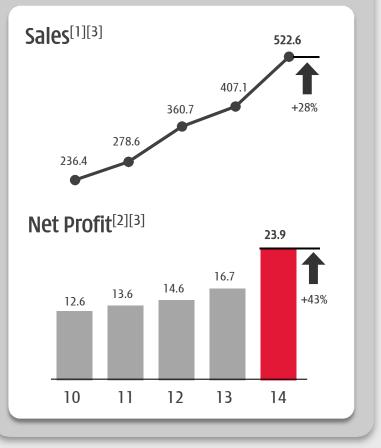
2014 Financial Results



\$44.8m invested during 2014 in clinical trials



China Commercial Platform



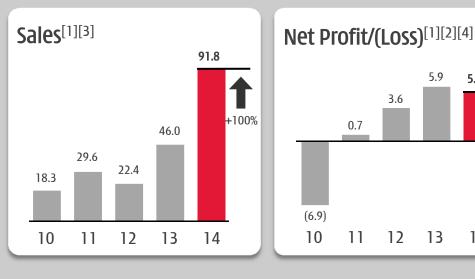
24 [1] Sales of Subsidiaries and Joint Ventures including both China Healthcare Division and Consumer Products Division; [2] Net Profit/(Loss) = Net Profit/(Loss) attributable to Chi-Med equity holders; [3] Includes infant formula in both 2013 and 2014.



Group Results:

	2014	2013	Change
IFRS11 Revenue	91.8	46.0	+100%
Unconsolidated Revenue of our 50/50 JVs	455.5	390.6	+17%
Net Profit/(Loss): ^[2]			
Innovation Platform	(9.7)	(2.4)	-299%
Base HMP R&D Operation	(2.3)	5.4	
50% share of Nestlé JV (NSP ^[5])	(7.4)	(7.8)	
Commercial Platform	23.9	16.7	+43%
China Healthcare	22.6	18.6	
Consumer Products	1.3	(1.9)	
Chi-Med Group Costs	(8.8)	(8.4)	-6%
Head office overheads/expenses	(6.3)	(6.1)	
Interest/Tax	(2.5)	(2.3)	
NPAT Attrib. to Chi-Med Holders ^[4]	5.4	5.9	-9%
Earnings per share	10.2 ¢	11.4¢	-10%

5-Year Trend:



25 [1] IFRS11 equity accounting; [2] Net Profit/(Loss) = Net Profit/(Loss) attributable to Chi-Med equity holders; [3] only on continuing operations; [4] including expenses/income from discontinued operations; [5] NSP = Nutrition Science Partners Limited.

(US\$ millions)

-9%

5.9

13

14



Summary

Chi-Med investment highlights



High-potential clinical pipeline – first candidates nearing NDA submissions.

- ✓ Savolitinib (AZD6094) potential first-in-class c-Met inhibitor submit for US approval 2016. Highest ever ORR in c-Met+ patients; possible Breakthrough Therapy application in PRCC late 2015/early 2016.
- ✓ Fruquintinib most selective VEGFR inhibitor in clinic submit for China approval 2016. Potential for best-inclass; Phase III studies (mono) in colorectal and lung and Phase II (combo) in gastric by end 2015.
- ✓ Sulfatinib Breakthrough Therapy potential in neuroendocrine tumors ("NET"). Highest ever ORR in NET for a tolerable therapy; starting US Phase II & China Phase III NET studies in 2015.
- ✓ *HMPL-523 potential first-in-class Syk inhibitor.* Phase I RA^[1] complete & Phase I CLL^[2] start mid-2015.
- ✓ HMPL-689 >5x more potent than idelalisib and dramatically more selective than duvelisib. Phase I start 2015.
- Productive/efficient & established discovery platform focus on selectivity & producing 1-2 novel drug INDs per year.
- Powerful, profitable & high growth China commercial platform from which to launch new drug innovations.



Appendices



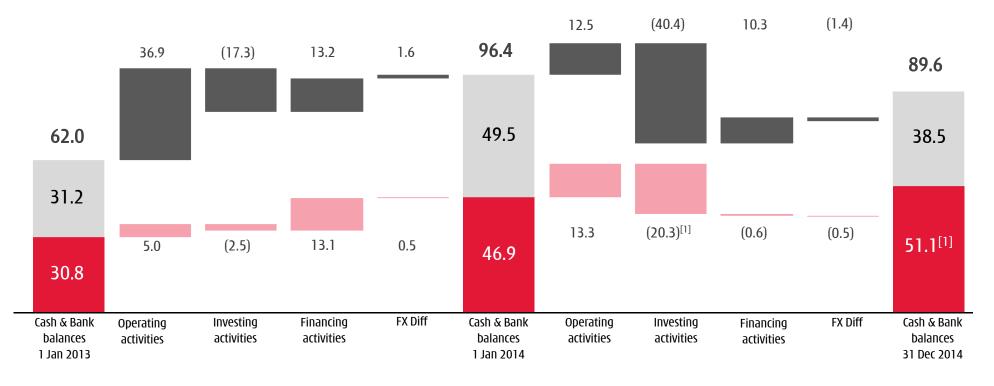
Financing - Stable at both Group & JV levels

Cash flow of Subsidiaries & Proportional Share of Joint Ventures (SHPL, HBYS, NSP)

Proportional Share of Bank Balance of Joint Ventures (SHPL, HBYS, NSP)

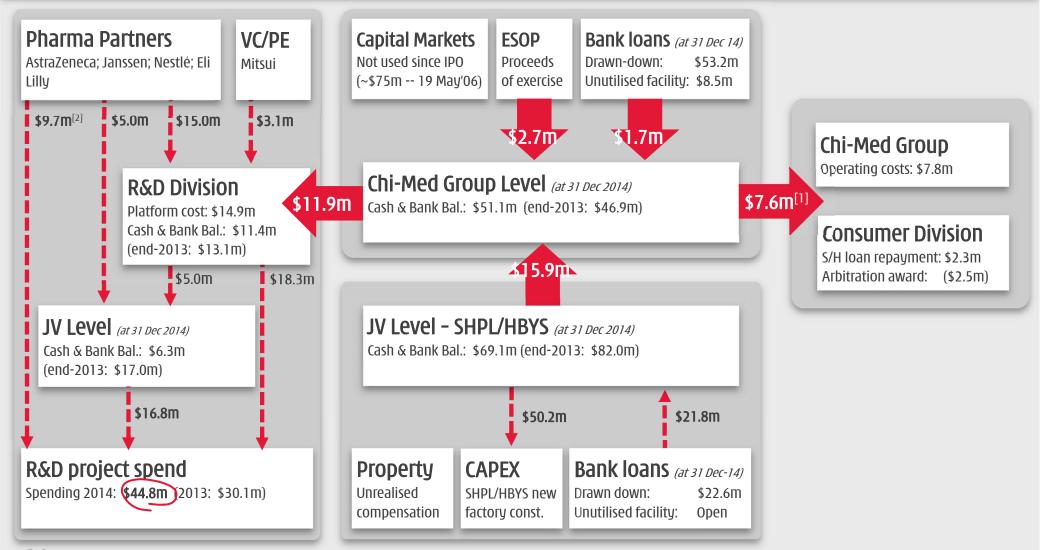
Cash flow -- IFRS11

Bank Balance of Subsidiaries





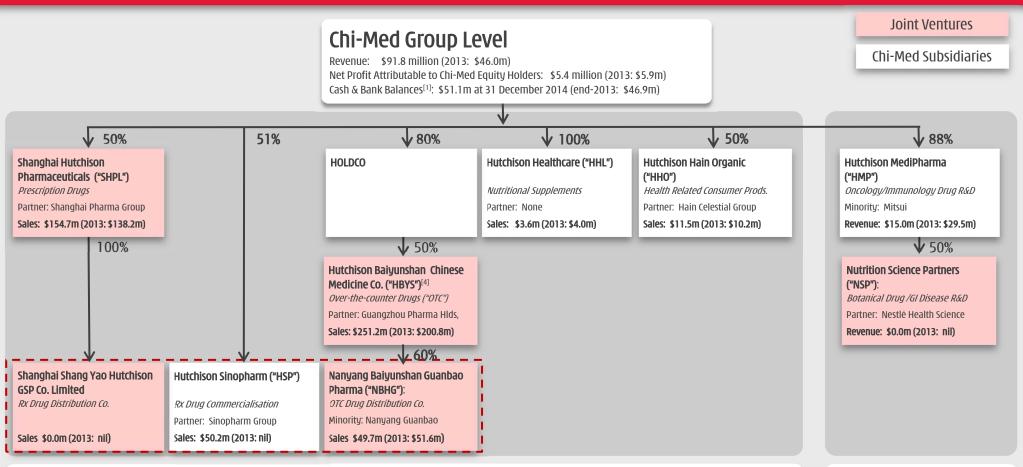
2014 - Chi-Med inter-group cash flows



30 [1] Continuing Operations, including repayment shareholders' loan to Hain Celestial Group (note: HHO paid \$2.3m to Chi-Med also); [2] estimated costs paid directly by partners (e.g. (US\$ millions) AstraZeneca PRCC study).



Chi-Med Group structure - major entities



Commercial Platform

Sales of Subsidiaries and JVs ("SSJV"): \$522.6 million (2013: \$407.1m) Net Profit Attributable to Chi-Med Equity Holders"("NPAT"): \$23.9 million (2013: \$16.7m) JV Cash & Bank Balances ("JV C&BB"): \$70.8 million at 31 December 2014 (end-2013: \$82.0m) **Innovation Platform** SSJV: \$24.8 million (2013: \$29.5m) NPAT^[2]: -\$9.7 million (2013: -\$2.4m) JV C&BB: \$6.2 million (end-13:\$17.0m)

31 [1] Does not include any cash held at the JV level; [2] NPAT = Net Profit/(Loss) attributable to Chi-Med equity holders; [3] Includes infant formula which was discontinued in 2013 but will re-launch in 2015; [4] including HBYS 100% subsidiary - Hutchison Whampoa Guangzhou Baiyunshan Health & Wellness Co. Ltd.

Breakthrough Therapy model Redefining risk & development speed in oncology



Tufts Conventional Mode	<u>ا(1)</u> :	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Yr 7	Yr 8
Clinical Development	8.2 yrs	Phase	1: 9.8%	Pha	ise 2: 14.1%		Phase 3:	37.2%	
US Approval times	0.6 yrs								90.5%
Time to Launch	8.8 yrs								
Phase 1 to 2 transition probability			69	.7%					
Phase 2 to 3 transition probability						37.9%			
Phase 3 to Submission transition probabili	ity								41.1%
Submission to Approval probability									90.5

General criteria for BT in oncology:

- 1. Rare cancer type life-threatening, currently untreatable/limited treatments.
- 2. Clear understanding of molecular pathways of disease patient stratification.
- **3. Unprecedented efficacy** substantial treatment effects in large enough patient pool early in clinical development.

Breakthrough Therapy Model ("BT")^[2]:

Examples	s of BTs:
ibrutinib:	Phase I ORR 82% (9/13) (Ph.II 67%, 50/75) in chronic lymphocytic leukemia; ORR 75% (3/4) (Ph.II 69%, 47/69) in mantle cell lymphoma.
AZD9291:	Ph I ORR 64% (57/89) in T790M+ non-small cell lung cancer.
ceritinib:	Ph I ORR 56% (45/80) in ALK+ crizotinib relapsed.
palbociclib:	Ph I ORR 25% (9/36) in HR positive breast cancer. BTT for combo with letrozole in ER+, HER2- post menopausal breast cancer (PFS 26.1mo vs. 7.5mo).
volasertib:	Ph I/II ORR 31% (13/42) in acute myeloid leukemia, ineligible for remission therapies (combo with cytarabine).

Clinical Development	8.2 yrs	Ph.2a		Ph.2b		Phase 3 (Confirmatory)	
US Approval times	0.6 yrs				>90%		
Time to Launch	5.5 yrs						
Interim Analysis Phase 2 (confirm Phas		>50%					
Breakthrough Therapy Designation (ba.			>8	35%			
Submission to Approval probability					> 9()%	

[1] Tufts Center for the Study of Drug Development (Feb 2010) – Transition probabilities for small molecule oncology drugs based on data of the 50 largest pharmaceutical companies 1993 through June 2009; [2] Hypothetical probabilities for BT estimated by Chi-Med – for general reference only, probabilities will vary dramatically based on scale/quality of Phase I data.

Targeted therapies – fastest growth & largest^[1] CH Pricing beyond reach of the 3.8 million new cancer patients/year in China

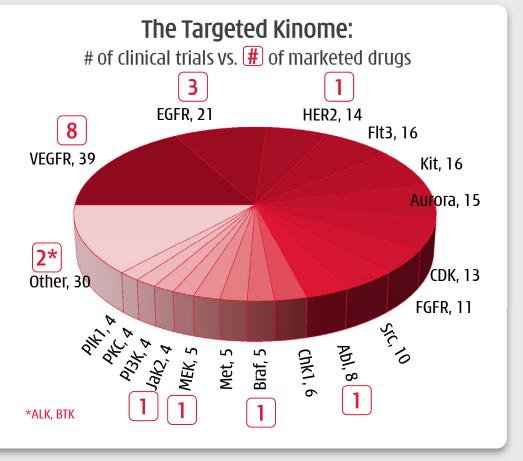
	% of Oncology	J	Share of Sub	-		Est. Market	Approx. patient	12 mo. treatment
	Market	Sub-Category	category	Product	Company	Sales (\$m)	cost/month (\$)	(Est. # patients)
	23.0%	Targeted	19.5%	rituximab	Roche	333	16,780	1,654
		Therapies	14.9%	trastuzumab	Roche	254	5,130	4,133
			14.2%	imatinib	Novartis	243	6,323	3,196
Global Oncology drug market ^[2] :			9.5%	gefitinib	AstraZeneca	162	2,730	4,952
drug markot[2]			8.2%	bevacizumab	Roche	140	6,251	1,867
			7.4%	erlotinib	Roche	126	3,108	3,388
			5.3%	cetuximab	BMS/BI	91	14,146	533
\$91 billión			4.6%	sorafenib	Bayer	79	8,329	786
			4.0%	bortezomib Other	Janssen	68	8,133	700
			12.4%		Thornoice	212		
				Total Targeted	inerapies	1,708		21,210
	20.4%	Anti-metabolites	29.1%	pemextred	Lilly/Hansoh	441		
			21.5%	capecitabine	Roche	326		
China			20.4%	TS-1	Taiho/Qilu	309		
			16.6%	gemcitabine	Lilly/Hansoh	251		
Oncology			12.4%	Other		188		
Market:				Total Anti-Meta	bolites	1,515		
t7 4 billion	19.7%	Plant Alkaloids	49.3%	paclitaxel	BMS/Luye	721		
\$7.4 billion	17.170		42.4%	docetaxel	Sanofi/Hengrui	619		
			8.4%	Other	Sanon/nengrai	122		
el. tura			0.170	Total Plant Alka	aloids	1,463		
China								
	10.5%	DNA Damaging	46.5%	oxaplatin	Sanofi/Hengrui	363		
Pharmaceutical		agents	21.3%	temzolomide	Merck/Tasly	166		
			13.1%	nedaplatin		102		
Market ^[3] :			4.3%	carboplatin		34		
			14.8%	Other		115		
t/O hillion				Total DNA Dama	ayiliy Ayelits	780		
\$68 billion	6.1%	Hormones	29.8%	letrozole	Novartis/Hengru	ii 135		
			23.0%	bicalutamide	AstraZeneca	104		
			19.5%	anastrozole	AstraZeneca	88		
			17.1%	exemestane	Pfizer/Qilu	77		
			10.6%	Other		48		
				Total Hormones	5	453		

[1] Source: Citi Research; [2] 2013 global oncology market; [3] 2014 China pharmaceutical market.

Opportunity Tyrosine Kinase Inhibitors ("TKIs") dominate approvals -- \$42b 2013 sales

Novel & *validated* kinase targets

- Potential on novel targets majority of the kinome (>500 kinases) yet to be effectively drugged.
- Improved therapies on validated targets
 23 FDA-approved small molecule TKIs, 16 are in just 3 classes (VEGFR, EGFR, & Abl).



Sources: "*Next generation kinase inhibitors for the treatment of cancer*" by Andrew Mortlock, VP Oncology Projects, AstraZeneca. Based on *Nature Chemical Biology*, 2010, 6, 166-169: "Figure 1: Kinase targets in clinical trials and the currently targeted kinome".

SHPL Property – 12km from Shanghai city centre Property compensation expected to be close to \$90m new factory cost



4.6 sq.km. new development zone.

- In 2014 the SH Municipal Government published plans for Tao Pu redevelopment.
- SHPL old factory classified as Category 3 residential.



	Land Area (sq.m.)	Other Factors	Approx. Distance to CBD ^[1] (km)	Approx. Distance to Metro ^[2] (m)	Actual Compensation (US\$ million)	Compensation (\$/sq.m.)
🛨 SHPL Old Factory Plot	57,804	New Dev.	12.4	300	TBD	TBD
Qing Pu Chemicals Plot	77,372	Nr. Airport	21.2	2,200	108.4	1,401
Shanghai Soap Factory Plot	62,846	Nr. River	8.0	500	122.6	1,951
Shanghai Electric (Fuels) Plot	27,091	Nr. River	11.4	2,000	89.1	3,290
4 Shen Bei Group Plot	4,976	Nr. River	3.3	300	34.5	6,928

HBYS Plot 1&2 – 9 km from Guangzhou city centre Total HBYS property compensation estimated at about \$200-220m

24.89H

地块/

2.51H



HBYS Plot 2 (26,700 sq.m. plot of land): 2.2 plot ratio, ~58,740 sq.m. of residential floor area. Estimated Auction Price^[1]: \$128.8 million (\$2,244/sq.m.). Estimated HBYS Compensation^[2]: \$66 million

5. 24HA

地块一 17.73HA

> 地块二 8.33HA

163 Tong Bao Road (131,647 sq.m. plot of land): *Auction Date: November 24th 2014* ~3.5 plot ratio, 460,765 sq.m. of residential floor area. Actual Auction Price: \$1,034 million (\$2,244/sq.m.).

8-10 Tong Bao Road (65,055 sq.m. plot of land): Auction Date: May 6th 2013
2.2 plot ratio, 143,121 sq.m. of residential floor area. Actual Auction Price^[1]: \$305.1 million (\$2,132/sq.m.).

HBYS Plot 1 (59,400 sq.m. plot of land): Estimated HBYS Compensation^{[1][2][3]}: \$146.6 million

Tong He Metro Station (opened November 2010)

[1] Estimated Auction Price based on Nov 24th 2014 Auction Price of 163 Tong Bao Road Plot; [2] Assume compensation 50% of auction price;
 [3] Based on all same valuation criteria as Plot 2.

1 100m

Two new large-scale factories under construction Both new factories expected to be operational by end 2015



SHPL New Factory

Feng Pu District, 78,000 sq.m. plot (~40km south of Shanghai city centre). Approx. 3x designed capacity expansion (extraction & formulation). **Estimated total cost: \$90 million**



HBYS New Factory

Estimated total cost: \$40 million^[2]

Bozhou, Anhui province (central China). 230,000sg.m. plot.

Approx. 3x extraction expansion & new formulation lines.

37 [1] SOP = Start of Production post China Good Manufacturing Practice certification; [2] \$40 million estimated cost of Bozhou factory, additional ~\$30-35 million in CAPEX will eventually be required for construction of Zhong Luo Tan factory (timing pushed back and investment scaled down).



Chi-Med's China Healthcare Division continues to perform well relative to our peer group.

The Division's real market value, based on peer group/industry multiples is approximately \$1.5-2.1 billion^[3], of which Chi-Med owns approximately 50% or between \$680-970 million.

			NET SALES			NET PI		VALUATION METR		
	Code	H1 2013	H1 2014	Growth	H1 2013	H1 2014	Growth	H1 2013 Margin	Market Cap.	P/E ^[2]
CHI-MED China Healthcare Division Total	PRC Domestic ^[1]	227.5	261.7	15%	32.2	37.8	17%	14.4%	na	na
Tianjin Zhong Xin Pharma	600329	497.3	534.4	7%	31.3	33.7	8%	6.3%	1,585	32
Li Zhu Pharma	000513	349.3	421.2	21%	43.6	49.9	14%	11.8%	2,150	28
Kunming Pharma	600422	286.4	312.9	9%	20.0	25.2	26%	8.0%	1,525	35
Shandong Dong EE Jiao	000423	283.2	276.7	-2%	88.9	99.4	12%	35.9%	4,103	20
Zhejiang Kang En Bai Pharma	600572	224.7	269.1	20%	36.2	56.1	55%	20.8%	2,150	26
Jiang Zhong Pharma	600750	209.2	222.6	6%	18.8	15.6	-17%	7.0%	1,211	42
Jin Ling Pharma	000919	206.6	221.4	7%	15.7	20.4	30%	9.2%	1,141	36
Guizhou Yi Bai Pharma	600594	167.2	200.5	20%	21.5	26.7	24%	13.3%	2,349	28
Jiangsu Kang Yuan	600557	169.2	198.0	17%	21.9	26.0	19%	13.1%	1,993	38
Zhuzhou Qian Jin Pharma	600479	138.9	164.4	18%	7.5	6.2	-18%	3.7%	749	40
Peer Group Weight Avg. (10 Comps. excl.)	253.2	282.1	11%	30.5	35.9	18%	12.7%	1,896	30	
65 Listed China Pharma. Companies Weigl	ht Average	413.6	454.1	10%	31.9	36.6	15%	8.1%	2,113	43

Peer Group: 10 companies (excl. Chi-Med) selected as ALL listed and profitable mainland Chinese OTC/RX pharma manufacturing companies, with a focus on TCM, and estimated 2014 Net Sales in the ~\$400-1,000 million range.

38 [1] Total aggregate PRC domestic results of Chi-Med's 4 China Healthcare Division companies (HBYS, SHPL, Hutchison Sinopharm, & HHL); [2] Price Earnings Ratio: Trailing Twelve Month PE weight averaged based on market capitalisation); [3] 30-43 x \$48.3 million -- Reported 2014 NPAT).

Drug R&D Division proxy peer group (1/2) HMP - A very deep pipeline and a very large organisation/operation



<u> </u>		Mk	t Cap 🔄	Ent.	Full-Time	Last 1	2 Mths		Clinical Pipeline			_ # Of	# (of stu	dies
Sym	Name	15 Feb	10 Jul '14	Value	Employees	Sales	EBITDA	Drug	Studies	Phase	Partner	drugs	P1	P2	Р
PBYI	Puma	6,190	1,990	6,030	113	N/A	(110.1)	PB272 (neratinib)	Her2 RTK inhibitor. Breast: adj., meta, meta w/ brain mets, neoadj., Her2 mutated. Her2	P3, P3, 6X P2, 6X P1-2	-	1	5	7	2
									mutated NSCLC. solid tum.						
Agio	Agios	4,110	1,340	3,890	96	57.5	(38.3)	AG-221	IDH2 inhibitor: hematologic malignancies, adv solid tum.	P1/2, 2x P1	Celgene	3	5	0	0
								AG-120	IDH1 inhibitor: adv hematologic malignancies, solid tum.	P1, P1	Celgene (ex-US rights)				
								AG-348	Pyruvate kinase activator: PK deficiency	P1 with data					
RCPT	Receptos	3,170	839	2,890	41	6.7	(89.2)	RPC1063	S 1P1R modulator: relapsing MS, UC	P3, P2, P2 to start		2	0	3	1
								RPC4046	IL-13 antibody: eosinophilic esophagitis (allergic/immune-mediated orphan disease)	P2	AbbVie option	-			
LVS	Clovis	2,340	1,286	2,110	74	13.6	(118.7)	Rociletinib (CO-1686)	Irreversible EGFR/T790M inhibitor: 2L NSCLC	P3 to start, 3x P2	-	3	1	10	
		210 10	1,200	2,			()	Rucaparib	PARP inhibitor: ovarian maint., ovarian, pancreatic cancers	P3, 3x P2	-		•		
								Lucitanib	FGFR1-2/VEGFR1-3/PDGFRQ-B inhibitor: breast x3, solid tum., squamous NSCLC	P2, 3x P2, P1	Servier (US & Japan)				
LDX	Celldex	1,880	1,300	1,650	120	2.7	(109.2)	Rindopepimut	EGFRv3 inhibitor: 1L GBM, recurrent GBM	P3, P2	-	5	2	4	
	center	.,	.,	.,050	120		()	Glembatumumab	glycoprotein NMB inhibitor: Triple -ve BC, met melanoma	P3, 2X P2	-		-		
								Varlilumab	CD27: Lymphomas/leukemias/solid tum.	P1	-				
								CDX-1401 (mab)	NY-ESO-1 tumour antigen: Multiple solid tmrs	P1	-				
								CDX-301 (mab)	Flt3 inhibitor of hematopoietic stem cells	P2	-				
SRO	Tesaro	1,390	1,142	1,200	62	N/A	(128.2)	Rolapitant	NK-1 receptor inhibitor: chemo-induced nausea and vomiting (CINV)	NDA, P1	-	3	3	0	
		.,==	.,=	.,			()	Niraparib	PARP inhibitor: ovarian cancer, BRCA+ breast cancer, Ewing's sarcoma	2X P3, P1	-		-	-	
								TSR-011	ALK inhibitor: NSCLC and etc	P1/2	-	100			
RIA	Ariad	1.380	1.113	1,260	307	46.9	(216.9)	Iclusig (ponatinib)	ABL inhibitor: refractory CML, ALL, GIST, lung, AML, medullary thyroid cancer	Approved, P2, P1/2	-	2	2	2	
				·				AP26113	ALK inhibitor: NSCLC	P2, P1/2	-				
LYP	Relypsa	1,160	829	1,040	99	N/A	(63.0)	Patiromer	Hyperkalemia (abnormally elevated levels of potassium in the blood)	NDA	-	1	0	0	
RRY	Array	1.120	535	1.010	198	46.8	(75.5)	Filanesib	KSP inhibitor: R/R multiple myeloma delayed pending acquisition of encorafenib)	P3 to start, 2x P2, 2x P1	-	5	21	15	
	ring	.,.20		.,	.,		()	Encorafenib (pending)	BRAF-inhibitor: combo with binimetinib for melanoma;	P3, 3x P2, 4x P1/2, P1	-				
								Binimetinib (MEK162)	MEK inhibitor: low-grade serious ovarian can., NRAS mutant and BRAF V600 mutant melanoma	3x P3, 7x P2, 5x P1/2, 4x P1	Novartis (returning for GSK txn)	-			
								Selumetinib (AZD6244)	MEK inhibitor: NSCLC, thyroid cancer, uveal melanoma	3x P3, 3x P2, 5x P1	AstraZeneca	-			
								ARRY-797	LMNA-related DCM	P2	-	una -			
LNK	NewLink	1.090	682	1,020	104	3.6	(38.3)	Algenpantucel-L	Pancreatic (resected), Pancreatic (borderline resectable)	P3 enrolled, P3	-	7	3	5	
		.,		.,			()	Tergenpumatucel-L	NSCLC	P2	-		-	-	
								Dorgenmeltucel-L	Melanoma	P2	-	-			
								HyperAcute [®] Prostate	Met castrate-resistant prostate cancer	P2 starting	-	-			
								HyperAcute [®] Renal	renal cancer	P1	-	-			
								Indoximod	HER2- met breast cancer, prostate cancer	2x P2	-	-			
								NLG919	ID01 inhibitor: Solid tum.	P1	Genentech				
								rVSV-EBOV	Ebola vaccine	P1	Merck	-			
utchis	on				~250	24.8		HMPL-004	UC induction, UC maintenance, Crohn's	On hold	Nestlé Health Science	7	12	2	-
					250	24.0		Fruquintinib	VEGFR TKI: CRC, NSCLC, GC	P3, P2, P2, P1b	Eli Lilly	- •	12	,	
euiri	arma							AZD6094 (savolitinib)	Met TKI: PRCC, NSCLC x 3, GC x 4	P2, 2x P1b, P1, 4x P1b	AstraZeneca				
								Sulfatinib	VEGFR/FGFR TKI: Neuroendocrine tum., liver cancer	P1b	-	001			
								Epitinib	EGFRTKI: NSCLC with brain mets	P1b	-	100			
								Theliatinib	EGFR TKI: oesophageal, other solid tum.	P1	-				
								HMPL-523	SYK TKI: Inflammation (RA/MS/Lupus)	P1	-	-			

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Proxy Peer Group Criteria: companies in oncology/immunology; listed on NASDAQ; multiple Phase II clinical studies and 0-3 Phase III studies ongoing; some collaborations with multinational pharmaceutical companies; market capitalisation between \$650m and \$2 billion (15 Feb 2015 data).

(US\$ millions unless otherwise stated)

Drug R&D Division proxy peer group (2/2) HMP - A very deep pipeline and a very large organisation/operation



		Mk	t Cap	Ent.	Full-Time	Last 1	2 Mths		Clinical Pipeline			# of	# (of stu	dies
Sym	Name	15 Feb	10 Jul '14	Value	Employees	Sales	EBITDA	Drug	Studies	Phase	Partner	 drugs	P1	P2	P3
MACK	Merrimack	1,080	716	1,050	254	76.7	(85.1)	MM-398	Nanotherapeutic: pancreatic cancer, colorectal cancer, glioma	P3, 2X P1	Baxter (ex-USA/Taiwan)	6	12	5	1
		.,		.1020	201		(05.1)	MM-121 (mab)	anti-ErbB3: NSCLC, breast cancer, ovarian cancer	3x P2, P1/2, 5x P1	Sanofi	_ •		-	·
								MM-111 (bsab)	anti-ErbB3/ErbB2: 2nd line gastric cancer	P2, P1	-				
								MM-302	Her2 targeted nanotherapeutic: Her2+ breast cancer	P2/3, P1	-				
								MM-151 (oligo-ab)	EGFR targeted Ab: solid tum.	P1	-	1000			
								MM-141 (bsab)	PI3K/AKT/mTOR targeted Ab: cancer	P1	-				
ZIOP	Ziopharm	987	340	941	43	1.2	(36.7)	Ad-RTS-IL-12	DNA-based IL-12 modulator: met breast cancer, met melanoma	2x P2	-	2	1	2	0
	•							CAR/Cytokine product	B-cell malignancy	P1	-				
MGNX	MacroGenics	948	550	768	166	57.2	(20.8)	Margetux imab (mab)	anti-Her2: meta breast, refractory breast , gastroesophageal cancer	P3 to start, P2a, P1/2 to st	art -	5	4	2	1
								MGA271 (mab)	anti-B7-H3: refractory neoplasm	P1	Servier (excl NA, S Kor & Jap)	0000			
								MGD006	anti-CD123/CD3: R/R AML	P1	Servier	10005			
								MGD007	anti-gpA33/CD3: colorectal cancer	P1 to start	Servier				
								Teplizumab (mab)	anti-CD3: type 1 diabetes	P2/3					
KPTI	Karyopharm	887	1,070	660	31	0.2	(61.8)	Selinexor	XPO1 inhibitor:DLBCL, Richter's transformation	9x P2, P1/2, 3x P1	-	2	4	10	0
			.,		51	0.2	(0110)	Verdinexor	Dogs with lymphomas	P2b (vet)	-		•		•
INFI	Infinity	738	553	365	180	160.6	(0.1)	Duvelisib	PI3K inhibitor: indolent NHL, CLL, advanced hematologic malignancies	2x P3, P2, 3x P1	AbbVie (oncology)	1	3	1	2
EPZM		737	1,044	526	74	67.4	(23.0)	EPZ-5676	DOT 1L inhibitor: adult/pediatric AML, ALL	P1, P1b	Celgene (outside US)	2	2	- <u>-</u> -	0
EPZM	Epizyme	/3/	1,044	520	74	67.4	(23.0)	EPZ-6438	EZH2 inhibitor: NHL	P1/2	Eisai	_ 2	2		U
IMGN	ImmunoGen	619	965	513	307	74.1	(67.0)	Kadcyla (Herceptin ADC)	HER2+ met BC 2L, met BC 1L, BC others, gastric	Appr, P3, P3, P3	Roche	5	3	1	3
IMON	mmunoden	019	905	212	507	74.1	(07.0)	SAR3419	CD19+ antibody: diffuse large B-cell lymphoma	P2	Sanofi		2		5
								IMGN853	FOL1 inhibitor: solid tum.	P1	-				
								IMGN289	EGFR inhibitor: solid tum.	P1	-				
								IMGN529	Non-hodgkins lymphoma	P1	-				
EXEL	Exelixis	484	650	647	227	22.1	(229.5)	Cometriq (Cabozantinib)	Medullary thyroid cancer	Approved	-	5	1	2	1
EXEL	EACIAIS	101	050	011	227	22.1	(227.3)	Cobimetinib	MEK inhibitor: Unresectable locally adv or met melanoma	P3	-	_ `	•	-	•
								SAR245408	PI3K inhibitor: Adv or recurr endometrial cancer. ER/PR+ HER2- breast cancer	P2	Sanofi				
								SAR245409	PI3K/mTOR inhibitor	P1b/2	Sanofi	_			
								CS-3150	Non-steroidal MR antagonist	P2	Daiichi-Sankyo				
								(3-3150	NOI-Steloiudi MR diitagulist	PZ	Ddiiciil-Sdiikyo				
AVG (1	0 JULY SET)	2,193	1,095	2,045	121	22.6	(92.5)					3	2	4	1
MEDIA	N (10 JULY SET)	1,520	1,018	1,345	102	10.1	(78.1)					3	3	4	2
AVERA	GE (ALL 18)	1,684	941	1,532	139	42.5	(84.0)					3	4	4	1
MEDIA	N (ALL 18)	1,105	902	1,030	109	46.8	(71.2)					3	3	2	1
Hutchi	son				~250	24.8		HMPL-004	UC induction, UC maintenance, Crohn's	On hold	Nestlé Health Science	7	12	3	1
MediP	harma							Fruquintinib	VEGFR TKI: CRC, NSCLC, GC	P3, P2, P2, P1b	Eli Lilly				
								AZD6094 (savolitinib)	Met TKI: PRCC, NSCLC x 3, GC x 4	P2, 2X P1b, P1, 4X P1b	AstraZeneca				
								Sulfatinib	VEGFR/FGFR TKI: Neuroendocrine tum., liver cancer	P1b	-				
								Epitinib	EGFR TKI: NSCLC with brain mets	P1b	-				
								Theliatinib	EGFR TKI: oesophageal, other solid tum.	P1	-				
								HMPL-523	SYK TKI: Inflammation (RA/MS/Lupus)	P1	-				

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Thank you