

HUTCHISON CHINA MEDITECH

**2014 Full Year Results** 

(AIM: HCM) February 25, 2015



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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).

## Agenda



- Strategy & 2014 Financial Results
- Drug R&D Division
- China Healthcare Division
- Consumer Products Division
- Review of Key Financial Information



## Strategy & 2014 Financial Results

## Strategy



### Two main divisions rapidly converging towards medium-term objective

# Drug R&D Division the leading innovator in oncology & immunology in China

- 7 clinical drug candidates currently in 16 studies.
- All candidates with **global and/or Breakthrough**Therapy potential.
- Active discovery team. 1-2 new candidates/ year.
- Starting manufacturing for several compounds.
- Very important partnerships.

# China Healthcare Division a powerful commercial platform in China

- **3,000-person China sales team restructured** to sell third-party drug products.
- In-place to commercialise Drug R&D Division drugs once approved.
- □ Expect >15% China Pharma market growth.
- Solid competitive advantages in own brand drug products.

## A large-scale China pharmaceutical company

a leader in China oncology

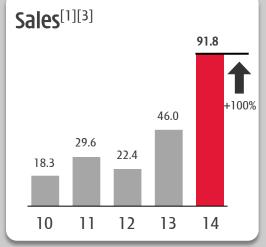


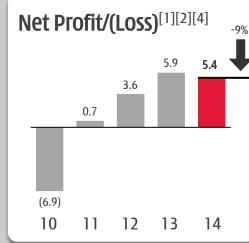
## Maintaining balance between profit & investment

#### **Group Results:**

	2014	2012	Change
	2014	2013	Change
IFRS11 Revenue	91.8	46.0	+100%
Unconsolidated 50/50 JV Revenue	455.5	390.6	+17%
Net Profit/(Loss): <sup>[2]</sup>			
China Healthcare Division	22.6	18.6	+21%
Drug R&D Division	(9.7)	(2.4)	-299%
Base HMP Operation	(2.3)	5.4	
50% share of Nestlé JV (NSP <sup>[5]</sup> )	(7.4)	(7.8)	
Consumer Products Division	1.3	(1.9)	+167%
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 <sup>[4]</sup>	5.4	5.9	-9%
Earnings per share	10.2 ¢	11.4¢	-10%

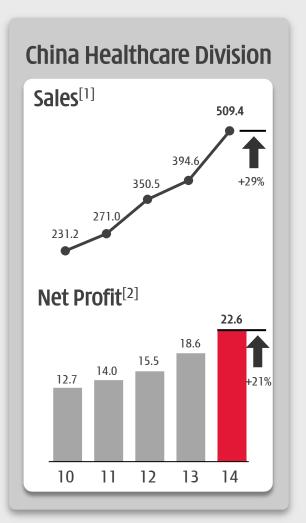
#### 5-Year Trend:

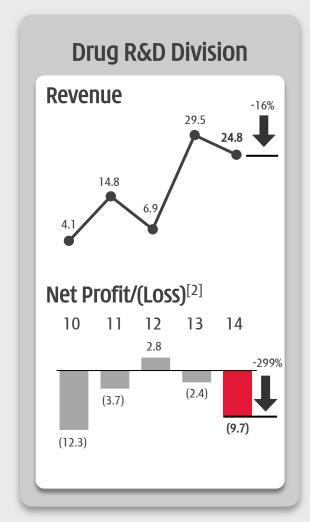


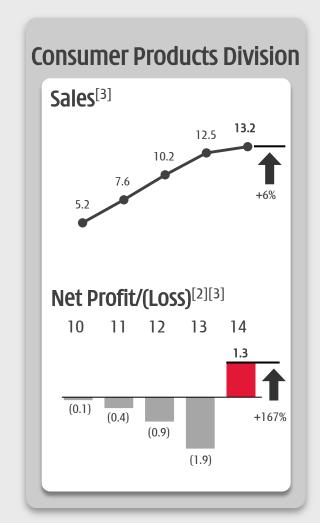




## \$44.8m invested during 2014 in clinical trials

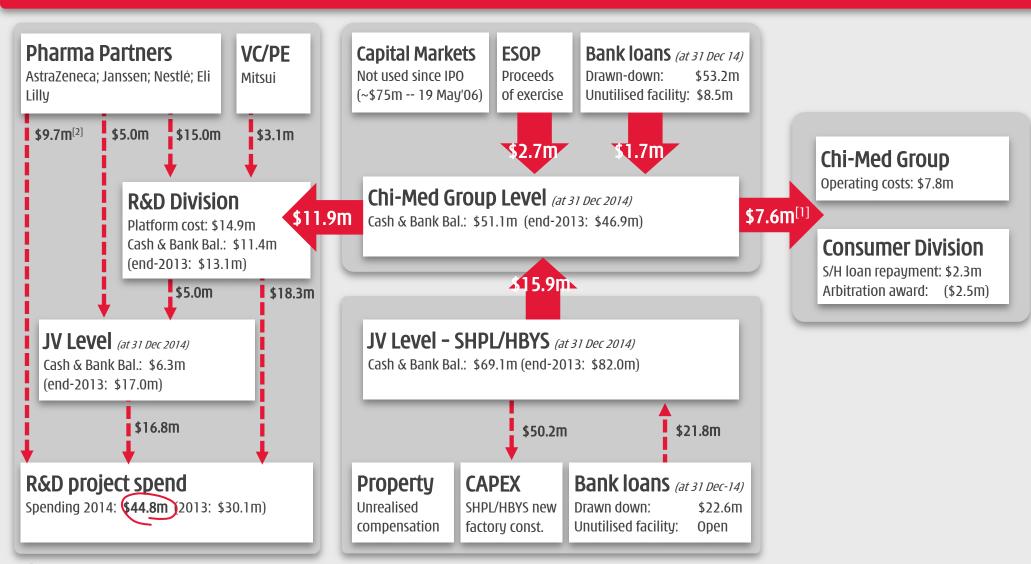






## CHI-MED

## 2014 - Chi-Med inter-group cash flows





## Drug R&D Division

## Research & development strategy





#### **Small molecule drugs**

- **▼ Focus on oncology & immunology** area that targeted therapies totally changed treatment landscape in past 15 years.
- **Go after both novel and validated targets** majority of the kinome
  (>500 kinases) yet to be effectively drugged.
- Focus on kinase selectivity design compounds that inhibit only the specific target, with minimal or no, off-target kinase inhibition.

  Higher potency, better target coverage, less toxicity, & combinability.
- ▼ Fragment based design of Novel Chemical Entities use world-class in-house chemistry group to design all drug candidates.
- Proceed with candidates only if they have global first-in-class or best-in-class potential - PoC in China then globalise with partners.

#### **Botanical drugs**

- New source for drugs depth of industry know-how in China.
- **▼ Following FDA's Botanical Drug Guidance** JV with Nestlé<sup>[1]</sup>.

#### Our strengths:

- Fully integrated in house platform -chemistry, biology, pharmacology, DMPK, tox., CMC, C&R, translational science organisations working together seamlessly and continuously.
- China clinical speed major unmet medical needs, rapid development and regulatory support. Allows for study of multiple indications, PoC in China.
- Competitive costs overall estimate clinical costs, particularly pre-PoC, at a fraction of US or Europe.
- Constancy of purpose 13 years with continuous financial support.

## the leading innovator in oncology & immunology in China

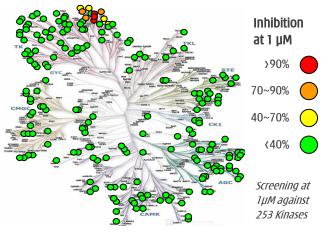
## Fruquintinib

# Lilly



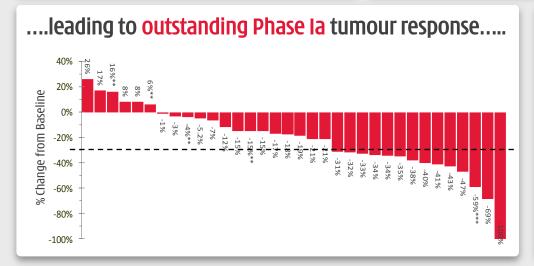
## The most selective VEGFR inhibitor in clinical trials globally<sup>[1]</sup>

#### Designed to only inhibit VEGFR 1,2, 3...



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

	Sunitinib	Sorafenib	Regor- afenib	Fruquin- tinib							-6	— Day=2	8, 2mg-	qd
Kinase profile	VEGFR1,2,3, PDGFRb, FLT3, CSF-1R, C-Kit, Ret	RAF, VEGFR2, PDGFRb, Flt3, c-Kit, FGFR1	VEGFR1,2,3 Raf, Ret, c- Kit, PDGFR	VEGFR1,2,3	500		•					- Day=1 - Day=1 - Day=1 - Day=1	4, 4mg- 4, 5mg-	qd qd
AUC at ED50/ED60 in mouse (ng/mL*hr)	2,058	25,473	na	898	1/		-	_						_
MTD in human (mg/day)	50, qd	400, bid	160, qd	4, qd; 6, 3wk/1wk	-		•		•	•		0 /- 000/ -1	FOFE Intelligence	- ·
AUC <sub>0~24h</sub> at Steady state MTD (ng/mL*hr)	592	47,780 x2 (D28)	58,270 (D21)	5,000~6,000 (D28)	100	<u>A</u>	۵		٥	٥		0 (>80% p\		
Efficacy in Phase I: Partial Response (PR); Disease ControlRate (DCR)	22 pts PR: 4 (18%) DCR: 27%	45 pts (≥100 mg bid) PR: 1 (2%) DCR: 58%	53 pts PR: 3 (6%) DCR: 66%	34 eval. pts PR: 13 (38%) DCR: 82%	0	,	3	6	9	12 Time (h)	15	0 (>50% pV	21	24



#### ....across multiple solid tumour types.

Population	Patients No. (pts.)	PR (pts.)	SD (pts.)	ORR <sup>[2]</sup>	DCR <sup>[3]</sup>	
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%	

## Fruquintinib

# Lilly



#### 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<sup>[2]</sup> in multiple tumour types.
- Proceeded to Phase Ib CRC<sup>[3]</sup> study while we waited for Phase II/III CTA<sup>[5]</sup> approval in China.
- China PoC driving global development plan.

Colorectal Ca	ncer Phase Ib Study <sup>[1]</sup>	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%
IRAUEIS	Phase III (Asia)	<b>160mg 3/1 wk</b> (N = 136)	4.4%	51.5%	~38%	~46%
	3rd Line colorectal cancer	Placebo (N = 68)	0%	7.4%	~3%	~24%

#### **Development Plan: CHINA** 2014 2013 2015 Possible Submit Launch Colorectal cancer Phase Ib (3rd line) Phase II -Fhase III Non-small cell lung Phase II cancer (3rd line) Phase III Ph. Ib DF Gastric cancer (2nd line combination w/ paclitaxel) Phase II Phase III **GLOBAL** Solid Tumours (TBD) Potential global studies

#### ....Latest status.....

- Colorectal cancer (3<sup>rd</sup> line):
  - Phase II PoC study (71 pts.) *enroled in ~4 months* (April-Aug 2014). Read-out in H1-2015. *Highly probable to meet success criteria*.
  - 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 (3<sup>rd</sup> line):
  - Phase II PoC study (90 pts.) expect to *enrol in ~9 months* (Jun 2014-Feb/Mar 2015). Read-out in mid-2015.
- Gastric cancer (2<sup>nd</sup> 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*.

## AZD6094 (savolitinib)

## AstraZeneca **2**



#### Highest ever response rate seen in c-Met+ patients<sup>[1]</sup>

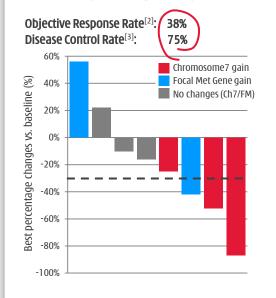
#### 1. Summary:

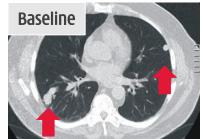
- AZD6094 has both global first-in-class and best-in-class potential.
- *Highest ever response rate in PRCC/Phase I/II (ORR 38%)* compared to previous high of 13.5% for foretinib (GSK) in PRCC Phase II 2012.
- Currently testing in 8 potential "Breakthrough therapy" indications to provide accelerated pathway to approval.

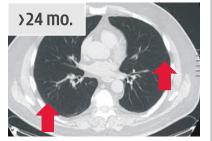
#### 2. c-Met is aberrant in many tumour settings.

		c-Met		New Case	s (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	522,050
Head & Neck	11%	27%	46%	653,199	76,370
Melanoma				197,402	3,825
Colon	10%		65%	1,233,711	221,313
Multiple Myeloma				102,762	5,909
Ovarian	4%	4%	33%	225,484	28,739
Kidney (PRCC) <sup>[5]</sup>	40-75%	100%		30,150	3,612
Kidney (Others)		13%	79%	271,348	32,508
Esophagus	4%		92%	482,239	259,235
Total				5,794,716	1,618,000

#### 3. Kidney -- Papillary Renal Cell Carcinoma (PRCC)<sup>[4]</sup>.





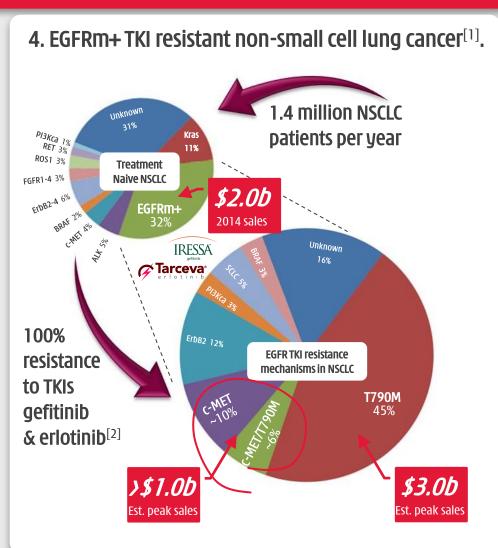


- PRCC represents 10-15% of the ~270,000 new renal cell carcinoma (kidney cancer) patients worldwide annually.
- There are *no current approved treatments for PRCC*.
- Global Phase II PRCC study started May 2014. Enrolment target to complete mid 2015, report end 2015.
- US submission for approval target 2016, possible breakthrough therapy designation. PRCC market potential est. >\$500 million.

## AZD6094 (savolitinib)

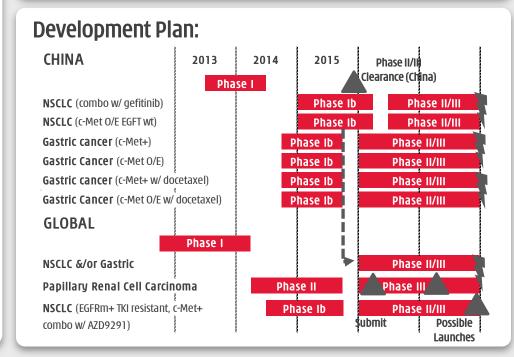
## Submit for US approval in 2016





#### 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 qastric & lung cancer either as mono. or combo. with chemo/TKIs.



## Sulfatinib



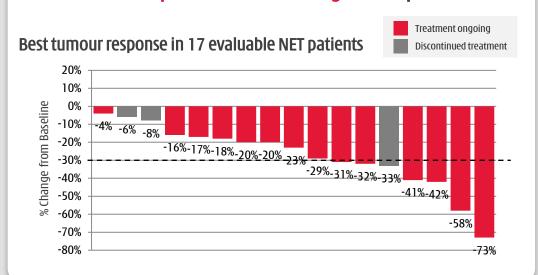
#### Highest ever response rate seen in neuroendocrine tumours ("NET")

#### 1. High NET prevalence & no broadly effective drugs.

		UNITED S	TATES		CHI	NA
	Incidence	Survival	Prevalence	Prevalence	Incidence	Prevalence
	(new cases /year)	(% patients)	(Est. patients)	(Est. % of all NET)	(Est. new cases /year)	(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.



#### 3. Expanding to US for Phase II.

- 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<sup>[3]</sup> submitted & *Phase III registration study starts end-15*.

	octreotide /Placebo	<b>everolimus</b> /Placebo	<b>sunitinib</b> /Placebo	<b>lanreotide</b> /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 <sup>[1]</sup>	2% / 2%	5% / 2%	9% / 0%	NR	32%
Disease Control Rate <sup>[2]</sup>	67% / 37%	73% / 51%	63% / 60%	NR	100%

### HMPL-523



#### 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.

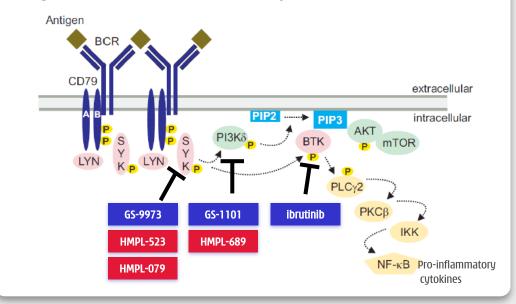
Compo Comp		<i>in vitro</i> Activity IC <sub>50</sub> (nM)*	Selectivity	<i>in vivo</i> Activity Min Efficacious Dose	Phase of Development
R788, R406	Rigel/AZ	• Enzyme: 54 nM • Cell: 54 nM	Syk, FLT-3, KDR, Src, Lyn, JAK	<ul><li>rCIA: 10 mg/kg BID</li><li>mSLE: 10 mg/kg BID</li><li>CLL: 80 mg/kg/day</li></ul>	Phase III for RA complete: 100 mg BID; & 150 mg ΩD Phase II: ITP
GS-9973	Gilead	• Enzyme: 55 nM*	Selective for Syk		Phase I: oncology (NHL, CLL)
HMPL-523	НМР	<ul><li>Enzyme: 25 nM</li><li>Cell: 51 nM</li><li>HWB: 250 nM</li></ul>	Selective for Syk	rCIA (QD) • ED <sub>min</sub> = 0.7-1 mg/kg • ED <sub>50</sub> = 1.4-2 mg/kg	Phase I Immunology, oncology

HCl

Vehicle

Naïve

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



#### 24 Cohort 8 (single dose) successful at ~6MPK Sum of Rat Ankle Histopathology scores $^{\left[ 2\right] }$ i.e. now past predicted efficacious human dose 10 MPK. 10 MPK. DH2.1 10

HMPL-523 (MPK, QD, PO)

QOD IP

Enbrel

BID, PO

R406

3. Rheumatoid Arthritis ("RA"): \$38.5b market<sup>[1]</sup>.

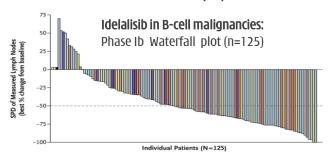
#### **HMPL-689**



### Designed to be a best-in-class inhibitor of PI3Kδ - Phase I late-2015

#### 1. PI3Kδ now a proven target

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



#### 2. PI3Kδ inhibitors being developed in a very broad range of indications

Compound		Indication	Status	Issue
Idelalisib (GS-1101) PI3Kδ	Gilead Sciences	chronic lymphocytic leukaemia, non-Hodgkin's lymphoma Hodgkin's lymphoma Waldenstrom`s hypergammaglobulinaemia	Registered Phase II Trial Preclinical	<b>High incidence of liver toxicity</b> seen with idelalisib (150mg bid)
AMG-319 PI3Kδ	Amgen	B-cell lymphoma, non-Hodgkin`s lymphoma, T-cell lymphoma, chronic lymphocytic leukaemia	Phase I Trial	
Duvelisib <sup>[1]</sup> (IPI-145) PI3Kγ / δ	AbbVie/ Infinity	B-cell lymphoma, non-Hodgkin`s lymphoma, chronic lymphocytic leukaemia asthma, rheumatoid arthritis COPD, SLE, psoriasis, MS transplant rejection, allergy, acute lymphocytic leukaemia, T-cell lymphoma	Phase III Trial Phase I Trial Phase I Trial	Need to spare PI3Ky serious infection seen with duvelisib due to strong immune surpression

#### 3. HMPL-689 -- Important asset

HMPL-689 designed to improve on existing PI3Kδ inhibitors: (1) improved isoform selectivity (sparing PI3Kγ); (2) 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.

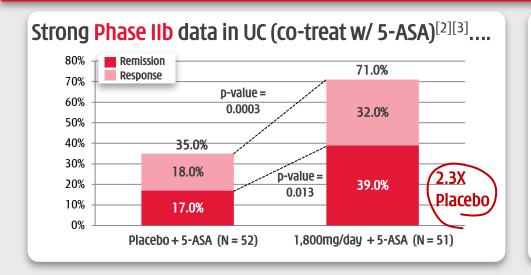
#### 4. HMPL-689 more potent and more selective than idelalisib & duvelisib

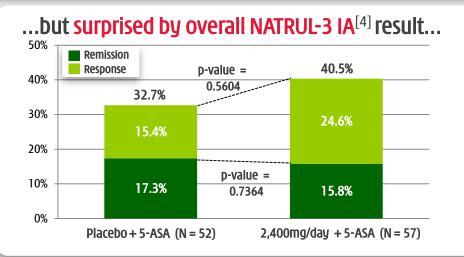
IC50 (μM)		HMPL-689	idelalisib	duvelisib
	РІЗКδ	0.0008 (n = 3)	0.002	0.001
Enzumo	PI3Kγ (fold vs. PI3Kδ)	0.114 <b>(142X)</b>	0.104 <b>(52X)</b>	0.002(2X)
Enzyme	PI3Kα (fold vs. PI3Kδ)	>1 (>1,250X)	0.866 <b>(433X)</b>	0.143 <b>(143X)</b>
	PI3Kβ (fold vs. PI3Kδ)	0.087 (109X)	0.293 (147X)	0.008 <u>(8X)</u>

## Post-hoc analysis of NATRUL-3 Interim Analysis<sup>[1]</sup>

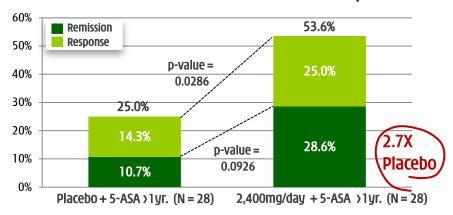


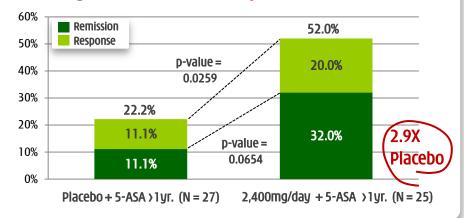
### Working with Nestlé Health Science to agree next steps





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





## 16 clinical studies in progress

## 7 clinical candidates -10 possible Breakthrough Therapy ("BT") indications



Program	Target	Partner	Indication	Target Population / Study Details	Preclin	Phase I	Ph Ib	Phase II	Phase III
			Ulcerative Colitis (Mild-Mod.)	8 wk Induction US/EU on hold			n/a		
HMPL-004	Anti-TNFα	Nestlē	Ulcerative Colitis (Mild-Mod.)	52 wk Maintenance US/EU on hold			n/a		
		Health Science	Crohn's Disease	8 wk Induction US on hold			n/a		
			Colorectal Cancer	3rd Line all comers (2 studies) China					
Fruquintinib	VEGF 1/2/3	Lilly	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	ВТ				
Epitinib	EGFRm+		Non-small cell lung cancer	EGFRm +ve w/ brain mets China	BT				
Theliatinib	EGFR WT		Oesophageal, solid tumours	China					
			Papillary renal cell carcinoma	1st line US/Canada/EU	ВТ		n/a		
		AstraZeneca	Non-small cell lung cancer	EGFRm +ve combo. w/ AZD9291 Global	ВТ				
170 (00 )		[ <u>a</u>	Non-small cell lung cancer	EGFRm +ve combo. w/ gefitinib China	ВТ				
AZD6094 (savolitinib /	c-Met	Zer	Non-small cell lung cancer	EGFRwt + c-Met O/E monotherapy China	BT				
volitinib)	C-MEL	nec	Gastric cancer	c-Met +ve monotherapy China	BT				
volicii ilo)		હેં	Gastric cancer	c-Met O/E monotherapy China	ВТ				
			Gastric cancer	c-Met +ve combo. w/ docetaxel China	ВТ				
			Gastric cancer	c-Met O/E combo. w/ docetaxel China	ВТ				
HMDL-E32	Culc		RA, MS, lupus	Australia					
HMPL-523	Syk		Hematolgical cancers	Australia					
HMPL-689	РІЗКδ		Hematolgical cancers	Lymphoma, leukemia					
HMPL-453	FGFR		Solid tumours	Global					Oncology
Collaboration	Novel	Janssen 7	Inflammation	Global					Immunology

Notes: 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.

# Four collaborations have major aggregate financial impact











#### ~\$1.3 billion in Partner payments to HMP/NSP<sup>[1]</sup>:

- \$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<sup>[2]</sup>:

- 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.



## **China Healthcare Division**

## Major competitive advantages

#### Positive results and positive outlook



#### 2 National household name brands



Focus on largest disease categories

Most common disease diagnosed/treated in rural hospitals<sup>[3]</sup>:

Cold/Flu: 86%
Cardiovascular: 78%
Diabetes: 46%
Gl: 45%

Major commercial & production scale

~3,000 Rx & OTC sales people in about 600 cities & towns in China.

Produced ~4.2 billion doses of medicine in 2014.

#### Leadership market shares

Market leader in the subcategories/markets in which we compete<sup>[4][5]</sup>:

SXBXP:[6] >40%
Rx Cardiovascular TCM

Banlangen:<sup>[7]</sup> ~46% OTC Anti-viral TCM

FFDS:<sup>[8]</sup> ~30%
OTC Angina TCM

JVs with 3 of top 5 China Pharmas





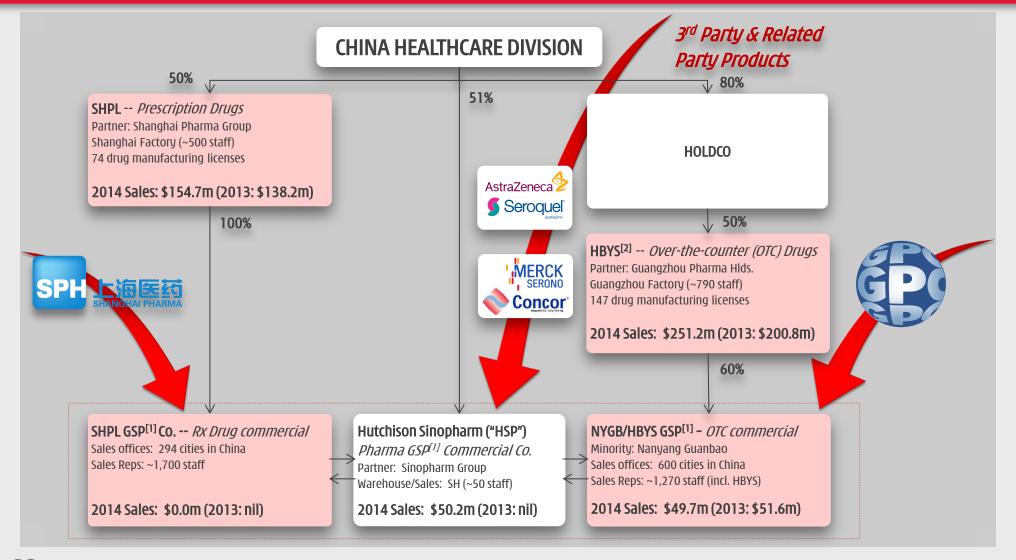
#### China Healthcare Division Performance - 2003-2014<sup>[1][2]</sup>

(List millions)	0.3	0.4	0.5	0.6	0.7	0.0	00	10	11	12	12	1.4	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%	-9.7%	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%	

## A powerful commercial platform in China



Quickly securing quality 3<sup>rd</sup> party products -- Seroquel® & Concor®



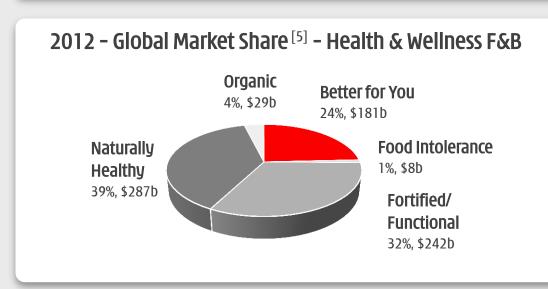


## **Consumer Products Division**

# Building "Healthy Living" busniess in Asia Partnership with The Hain Celestial Group (NASDAQ: HAIN)



- Health related consumer products. Asia still in infancy.
- HHO<sup>[1]</sup> sales up 14% to \$11.5m (2013: \$10.2m). F&B<sup>[2]</sup> flat (\$6.8m); Baby <sup>[3]</sup> +125% (\$2.3m); PCC<sup>[4]</sup> flat (\$2.4m).
- HHO Hong Kong sales up 13% to \$6.7m; & Philippines, Taiwan, Singapore up 47% to \$3.7m.
- Launch Earth's Best infant formula in China in 2015.



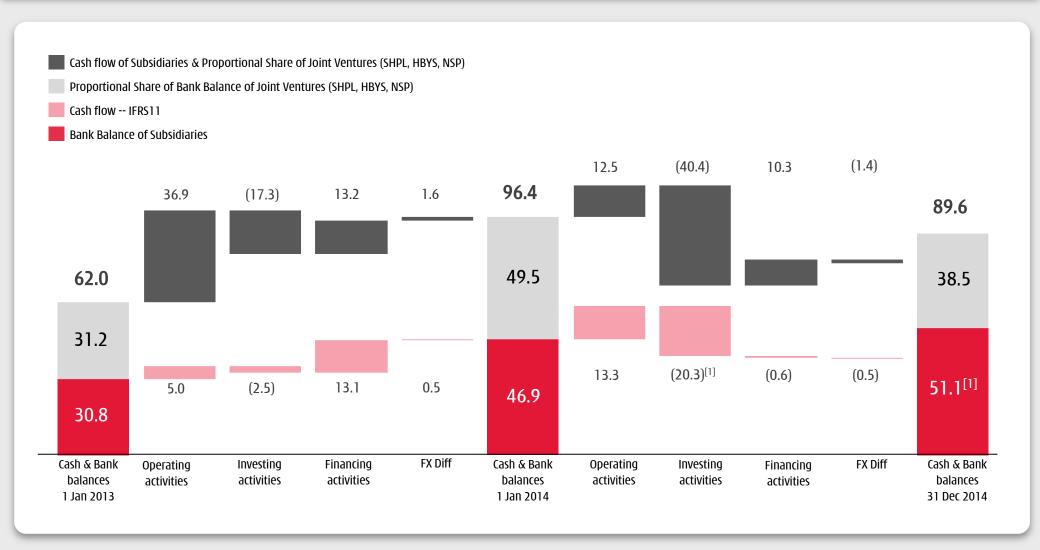




## **Review of Key Financial Information**

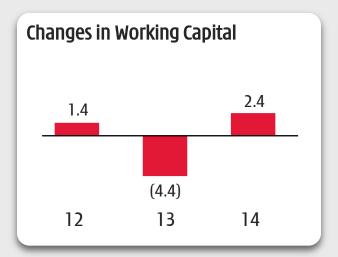


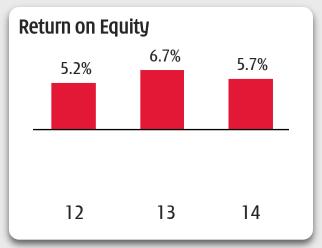
## Financing - Stable at both Group & JV levels

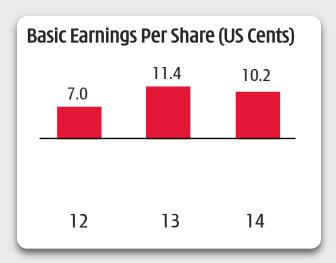


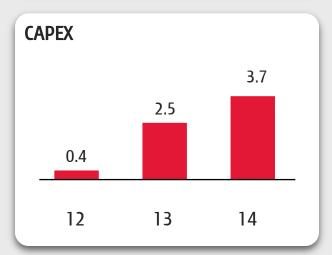
# CHI-

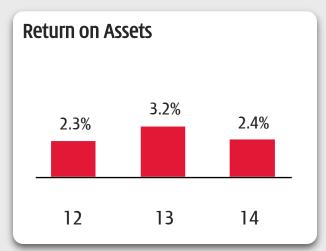
## Financial Ratios - IFRS11

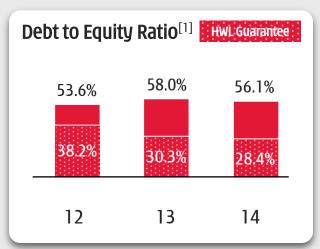










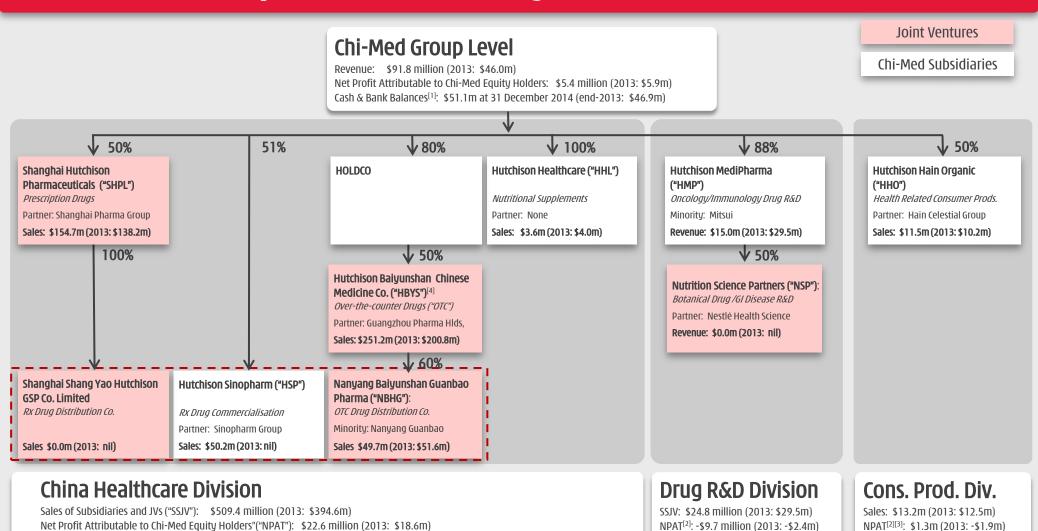




## **Appendices**

# CHI-

## Chi-Med Group structure - major entities

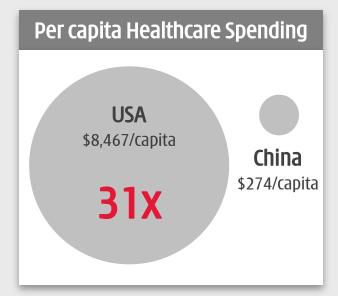


JV Cash & Bank Balances ("JV C&BB"): \$70.8 million at 31 December 2014 (end-2013: \$82.0m)

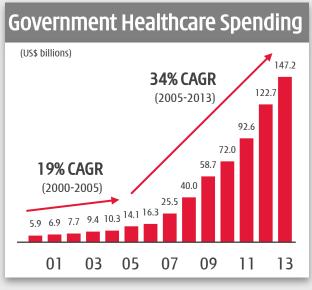
JV C&BB: \$6.2 million (end-13:\$17.0m)



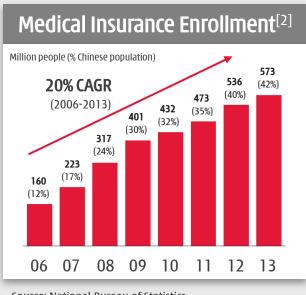
## China pharma industry growth set to continue



Source: WHO 2014 report (2011 data)



Source: Deutsche Bank, CEIC, Ministry of Health



Source: National Bureau of Statistics

- China pharmaceutical industry growth 20% CAGR<sup>[1]</sup> from 2005-2013 one of the highest rated industries in China with average P/E ratio of 43 for the 65 listed companies (appendix p32).
- Government healthcare spending continues to increase rapidly Strategic priority.
- Expansion of State Medical Insurance Schemes<sup>[2]</sup> Link to increased drug reimbursement & sales.



## China Healthcare Division has substantial value

- 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<sup>[3]</sup>, of which Chi-Med owns approximately 50% or between \$680-970 million.

		NET SALES			NET PI	ROFIT		VALUATION METRICS		
	Code	H1 2013	H1 2014	Growth	H1 2013	H1 2014	Growth	H1 2013 Margin	Market Cap.	P/E <sup>[2]</sup>
CHI-MED China Healthcare Division Total PRC I	Domestic <sup>[1]</sup>	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. Chi-N	led)	253.2	282.1	11%	30.5	35.9	18%	12.7%	1,896	30
65 Listed China Pharma. Companies Weight Av	erage	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.

## Drug R&D Division proxy peer group (1/2)



### 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	<b>Employees</b>			Drug	Studies	Phase	Partner	_ drugs	P1	P2	P
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 mutated NSCLC. solid tum.	P3, P3, 6x P2, 6x P1-2	-	1	5	7	2
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		-			
CPT	Receptos	3,170	839	2,890	41	6.7	(89.2)	RPC1063	S1P1R modulator: relapsing MS, UC	P3, P2, P2 to start		2	0	3	1
CFI	Receptos	3,170	037	2,070	71	0.7	(07.2)	RPC4046	IL-13 antibody: eosinophilic esophagitis (allergic/immune-mediated orphan disease)	P2	AbbVie option		v	,	'
.VS	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	<u> </u>	-		10	
. V 3	CIOVIS	2,340	1,200	2,110	74	15.0	(110.7)	Rucaparib	PARP inhibitor: ovarian maint., ovarian, pancreatic cancers	P3, 3x P2	-	3	•	10	•
								Lucitanib	FGFR1-2/VEGFR1-3/PDGFRq-ß 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	- 1	7
.טא	Celluex	1,000	1,500	1,030	120	2.1	(109.2)	Glembatumumab	glycoprotein NMB inhibitor: Triple -ve BC, met melanoma	P3. 2X P2	-		2	4	•
								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	-	-			
RO	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	
		.,5,5	.,	.,200	02		(12012)	Niraparib	PARP inhibitor: ovarian cancer, BRCA+ breast cancer, Ewing's sarcoma	2x P3, P1	-		_	_	
								TSR-011	ALK inhibitor: NSCLC and etc	P1/2	-	-			
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	-	~ _			
.YP	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	
		·		·			,	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	-	~			
.NK	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	IDO1 inhibitor: Solid tum.	P1	Genentech				
								rVSV-EBOV	Ebola vaccine	P1	Merck				
tchis	ion				~250	24.8		HMPL-004	UC induction, UC maintenance, Crohn's	On hold	Nestlé Health Science	7	12	3	Т
	narma				230	2 1.0		Fruquintinib	VEGFR TKI: CRC, NSCLC, GC	P3, P2, P2, P1b	Eli Lilly				
euiri	Idilia							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	EGER TKI: nesonbaneal other solid tum	Pl	-				
								HMPL-523	SYK TKI: Inflammation (RA/MS/Lupus)	P1					

## Drug R&D Division proxy peer group (2/2)

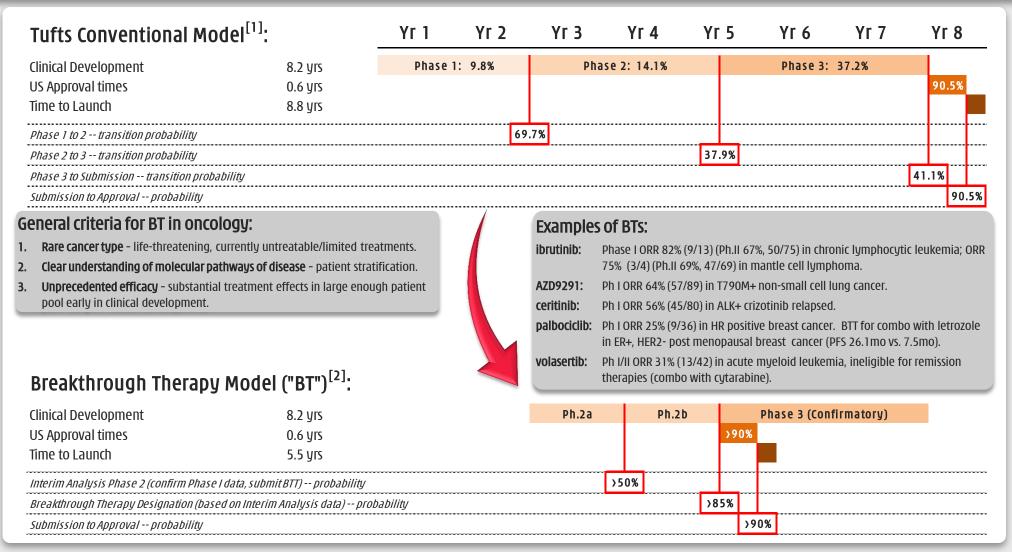


### HMP - A very deep pipeline and a very large organisation/operation

		Mk	t Cap	Ent.	Full-Time	Last 1	2 Mths		Clinical Pipeline			# of	# 0	f stu	lies
Sym	Name		10 Jul '14	-	Employees			Drug	Studies	Phase	Partner	drugs	P1	P2	Р3
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
I-II ICIX	Picifilliack	1,000	710	1,050	234	70.7	(03.1)	MM-121 (mab)	anti-ErbB3: NSCLC, breast cancer, ovarian cancer	3x P2, P1/2, 5x P1	Sanofi		12	,	•
								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	-				
								MM-141 (bsab)	PI3K/AKT/mTOR targeted Ab: cancer	Pl	-				
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)	Margetuximab (mab)	anti-Her2: meta breast, refractory breast , gastroesophageal cancer	P3 to start, P2a, P1/2 to sta	rt -	. 5	4	2	- 1
								MGA271 (mab)	anti-B7-H3: refractory neoplasm	Pl	Servier (excl NA, S Kor & Jap)				
								MGD006	anti-CD123/CD3: R/R AML	P1	Servier				
								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
								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	Epizyme	737	1,044	526	74	67.4	(23.0)	EPZ-5676	DOT1L inhibitor: adult/pediatric AML, ALL	P1, P1b	Celgene (outside US)	2	2	1	0
			.,	220		• • • • • • • • • • • • • • • • • • • •	(25.0)	EPZ-6438	EZH2 inhibitor: NHL	P1/2	Eisai	~ -	_	•	Ť
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
		• • •	, 03	3.5	30.		(07.10)	SAR3419	CD19+ antibody: diffuse large B-cell lymphoma	P2	Sanofi		-	•	-
								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
								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				
									·····						
AVG (1	0 JULY SET)	2,193	1,095	2,045	121	22.6	(92.5)					3	2	4	1
MEDIA	N (10 HHV CET)	1 520	1 010	1 245	100	10.1	(70.1)						_		_
MEDIA	N (10 JULY SET)	1,520	1,018	1,345	102	10.1	(78.1)					3	3	4	
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	ison				~250	24.8		HMPL-004	UC induction, UC maintenance, Crohn's	On hold	Nestlé Health Science	7	12	3	1
	harma				230	24.0		Fruquintinib	VEGFR TKI: CRC, NSCLC, GC	P3, P2, P2, P1b	Eli Lilly		12	,	
MEUIP	iiaiilld							AZD6094 (savolitinib)	Met TKI: PRCC, NSCLC x 3, GC x 4	P2, 2x P1b, P1, 4x P1b	AstraZeneca	00			
								Sulfatinib	VEGFR/FGFR TKI: Neuroendocrine tum., liver cancer	P1b	-	~~			
								Epitinib	EGFR TKI: NSCLC with brain mets	PIb	-				
								Theliatinib	EGFR TKI: oesophageal, other solid tum.	P1	-				
								HMPL-523	SYK TKI: Inflammation (RA/MS/Lupus)	P1	-				

# Breakthrough Therapy model Redefining risk & development speed in oncology





# Targeted therapies – fastest growth & largest<sup>[1]</sup> Pricing beyond reach of the 3.5 million new cancer patients/year in China



Global Oncology drug market<sup>[2]</sup>: \$91 billion

China
Oncology
Market:

\$7.4 billion

Pharmaceutical
Market<sup>[3]</sup>:

\$68 billion

,	% of Oncology		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
			9.5%	gefitinib	AstraZeneca	162	2,730	4,952
			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
			4.6%	sorafenib	Bayer	79	8,329	786
			4.0%	bortezomib	Janssen	68	8,133	700
			12.4%	Other		212		
				Total Targeted T	herapies	1,708		21,210
	20.4%	Anti-metabolites	29.1%	pemextred	Lilly/Hansoh	441		
	20.470	Allti illetabolites	21.5%	capecitabine	Roche	326		
			20.4%	TS-1	Taiho/Qilu	309		
			16.6%	gemcitabine	Lilly/Hansoh	251		
			12.4%	Other	LIIIY/FIGIISOII	188		
			12.4/0	Total Anti-Metab	nlitas	1,515		
				Total Allti Metab	onics	1,515		
	19.7%	Plant Alkaloids	49.3%	paclitaxel	BMS/Luye	721		
			42.4%	docetaxel	Sanofi/Hengrui	619		
			8.4%	Other		122		
				Total Plant Alkal	oids	1,463		
	10.5%	DNA Damaging	46,5%	oxaplatin	Sanofi/Hengrui	363		
	101370	agents	21.3%	temzolomide	Merck/Tasly	166		
			13.1%	nedaplatin	r rereit rasig	102		
			4.3%	carboplatin		34		
			14.8%	Other		115		
				Total DNA Dama	ging Agents	780		
	6.1%	Harmanas	30.0%	letrozole	November / Honory	i 135		
	0.1%	Hormones	29.8%		Novartis/Hengru			
			23.0%	bicalutamide	AstraZeneca	104		
			19.5%	anastrozole	AstraZeneca	88		
			17.1%	exemestane	Pfizer/Qilu	77		
			10.6%	Other Total Hormones		48 <b>453</b>		
		114 China pharmace		iotal Hormones		453		

# 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 <sup>[1]</sup> (km)	Approx. Distance to Metro <sup>[2]</sup> (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
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



#### 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<sup>[1]</sup>: \$128.8 million (\$2,244/sq.m.). Estimated HBYS Compensation<sup>[2]</sup>: \$66 million



#### 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 6<sup>th</sup> 2013

2.2 plot ratio, 143,121 sq.m. of residential floor area. Actual Auction Price<sup>[1]</sup>: \$305.1 million (\$2,132/sq.m.).

#### HBYS Plot 1 (59,400 sq.m. plot of land):

Estimated HBYS Compensation<sup>[1][2][3]</sup>: \$146.6 million



Tong He Metro Station (opened November 2010)

# 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**

Bozhou, Anhui province (central China). 230,000sq.m. plot. Approx. 3x extraction expansion & new formulation lines. **Estimated total cost: \$40 million**<sup>[1]</sup>







HUTCHISON CHINA MEDITECH

Thank you