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Corporate Overview

- 1. Proprietary Technology pipeline of three Drugs:
 - PPL-1 Monepantel ("MPL") for the treatment of Cancer
 - Albendazole for the treatment of ascites
 - Mucin, a formulation to clear mucin from tumours
- 2. Parallel Development track with both human and veterinary applications
- 3. Option Agreement with Top 5 Pharma Company for the Veterinary applications
- 4. Joint patent with large Japanese chemical/Pharma company
- 5. Lead product PPL-1 (MPL) successfully completed Phase I in humans
- 6. Lead product PPL-1 (MPL) phase II ready to commence Qtr 1, 2016
- 7. Pipeline products Albendazole and Mucin to be developed with partners



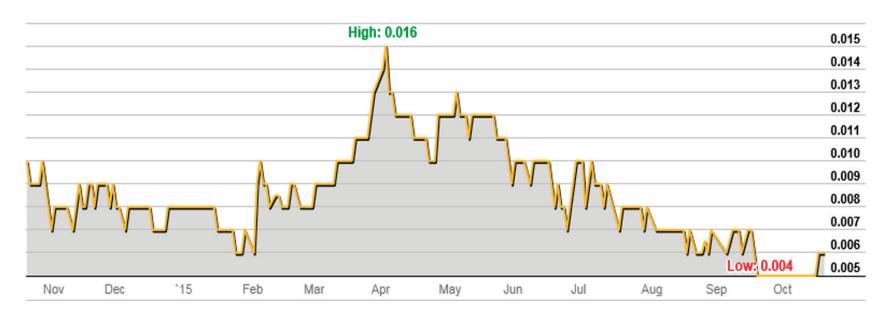
Corporate Snapshot

PharmAust Limited		
ASX Code	PAA	
Shares on Issue ¹	77.8 million	
Options on Issue ²	23.5 million	
Market Cap.	\$12.9 million	
Cash (30 June 2015)	\$3.4 million	
Debt	nil	
Enterprise Value	\$9.5 million	

Shareholders as at October 2015		
Professor David Morris	9.6%	
Dr Roger Aston	5.7%	
Top 20	49.7%	
Top 20	49.7%	

Board & Management		
Dr Roger Aston	Executive Chairman	
Mr Robert C Bishop	Executive Director	
Dr Wayne Best	Non Executive Director	
Mr Sam Wright	Non Executive Director	

 $^{^{2}\,}$ Ex Price \$0.16, Expiry Date 3 September 2018





¹ Assumes shareholder approval of 1:20 consolidation

PharmAust to Focus on MPL and Epichem following Successful Phase I and New Chemistry Facility



Pitney Pharmaceuticals Limited



Human Phase II with MPL and Accelerate Commercialisation.

Partnering Albendazole and Mucin projects.

Sales Growth forecast to reach \$10M by 2020.

Support for MPL programme.



WHY FOCUS: MPL MEETS KEY PHASE 1 ENDPOINTS

- **1. Safety** Excellent safety profile as predicted from pre-clinical models
- **2. Active dose** Identified for PPL-1 from effects on cancer markers
- **3. Efficacy** Determined within trial by markers and effects on tumours (p70s6K and p4E-BP-1)
- **4. Synergy** with many cytotoxic drugs currently in use (model system studies)
- **5. Optimum** use of funds





MPL Active in Phase I Trial in Patients Who Fail other Available Treatments ("Standard of Care")

Implications for MPL

- As a new class of cancer drug with a novel mechanism of action, it provides the opportunity to be effective where "Standard of Care" has failed
- Preclinical studies show reversal of drug resistance, thus potential for combination therapy
- The very low toxicity of MPL avoids the dosing-limitations and toxicities of many approved anticancer drugs
- Novel mechanism of action (autophagy) potentially circumvents resistance points of known drugs



PPL-1 (MPL) IS ALREADY APPROVED FOR VETERINARY USE

- Novartis Animal Health have registered MPL for the treatment of parasitic diseases in animals ("Zolvix")
- Extensive Manufacturing and Toxicology may already be available
- PAA hold patents on the use of MPL and AADs in cancer
- Over 50 MPL analogues are available for development
- Epichem has synthesized further MPL analogues





WHAT IS THE RELEVANCE OF p70s6k? Elevated p70s6k is associated with poor outcomes in cancer

- Rapamycin-sensitive p70s6k pathway is a potential novel target for therapeutic intervention in small cell lung cancer
- Patients who have a poor response to chemotherapy have high p70s6k levels
- Overexpression of p70s6K in breast cancer patients is associated with aggressive disease and poor prognosis
- p70s6k has been implicated to promote malignant transformation of cancers
- patients with breast cancer with increased p70s6k phosphorylation have poor survival and increased metastasis

*Rapamycin sells into the multibillion organ transplant market and the cancer market



 Rapamycin and Everolimus both inhibit p70s6k and interfere with mTOR

 Revenues for Novartis and Pfizer for these drugs are in the

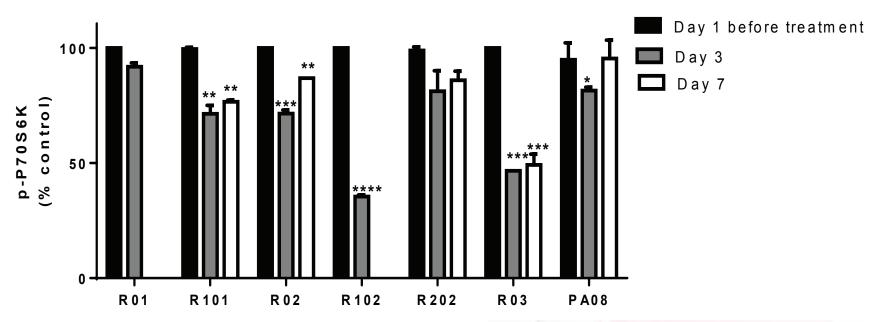
\$ billions





Suppression of p70s6k in Man

Determination of p-P70S6K in PBMC of patients treated with MPL







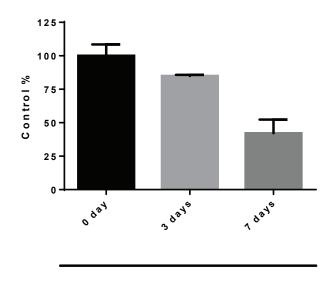
Suppression of p70s6k in dogs

P-p70S6K Elisa in dog PBMC

125 - 100 - 8 75 - 25 - 0 25 - 0 25 - 0 3 8 8 9 3 8 8 9

MPL treatment

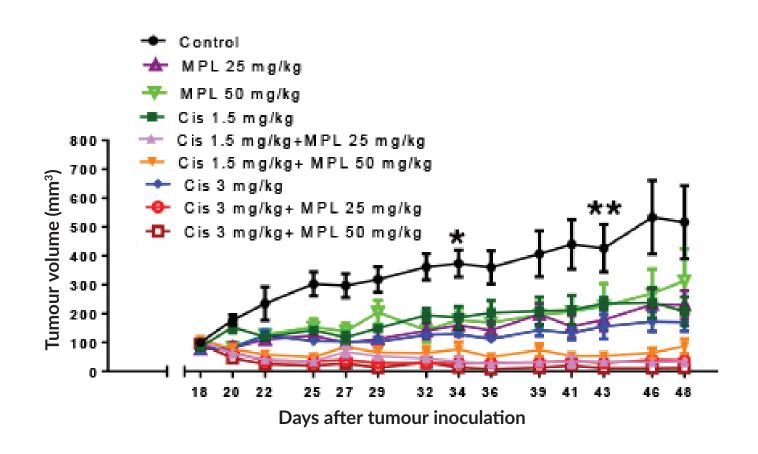
P-p70S6K Elisa in dog(Mortimer Cambell) PBMC



MPL Treatment



SYNERGY BETWEEN MPL AND CYTOTOXIC DRUGS ON OVARIAN CANCER GROWN IN MICE





COMMERCIALISATION OF MPL

Top 5 Pharma Company

Option on the veterinary cancer applications

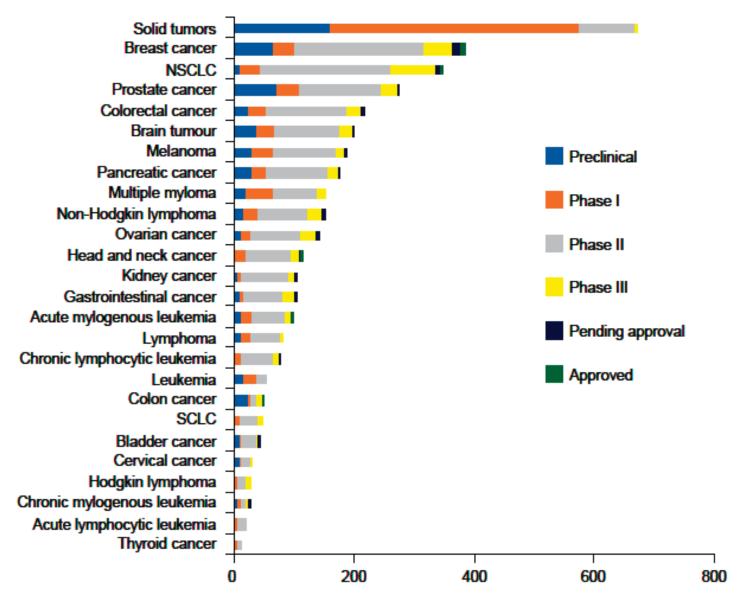
Japanese Chemical Co.

Joint Patent with Japanese major strong IP position

PharmAust



Oncology pipeline by indication and stage of development, 2011





EPICHEM NEW FACILITY



NEW FACILITY

EXTRA CAPACITY TO BOOST REVENUES



Epichem's New Premises

- 10 year lease on Units 1-5
- Plus option for additional 10 years (2 x 5 years)
- Potential to expand into Suites 6-10
- New lab 2.4 times larger than our old Murdoch lab
- 5 more fumehoods and 3 Separate instrument rooms
- Separate room with full-height fumehood (GMP?)
- Integrated with our offices



Revenues & Profits Epichem's Core Revenues

- Contract Drug Discovery
 - \Rightarrow FY15 = \$1.54M
- Sale of Fine Chemicals (Reference Stds)
 - \Rightarrow FY15 = \$0.34M
- 167 products and growing rapidly
- Technical Services & Consulting



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