

# Heidelberg Pharma

## Close to ATAC

Heidelberg Pharma's strategy is twofold: to develop a proprietary pipeline of Antibody Targeted Amanitin Conjugates and sign early research and option deals with pharmaceutical companies to develop targets using the ATAC platform. Heidelberg should file an IND for its proprietary product, HDP-101, for multiple myeloma in Q219. The company has signed a deal with Magenta potentially worth up to \$334m for four targets and has a deal with Takeda that could yield up to \$339m for three targets. Cash at Q318 was €22.7m, which Heidelberg expects to last into 2020.

## Alliances provide early validation of ATAC technology

Within its alliance strategy, Heidelberg seeks to sign early-stage deals that maximise the potential of the ATAC platform. In March 2018, it signed an exclusive multi-target R&D option and milestone deal with Magenta worth up to \$334m if all milestones are met. The first option has already been licensed. This adds to its deal with Takeda to generate ATACs using Takeda's proprietary antibody portfolio for up to three targets, which could yield up to \$113m per target. These deals are early stage and therefore back end-loaded. Total value in early-stage deals is infrequently realised but we see them as indicative of the interest in the ATAC technology among pharma companies. Distinct from the ATAC deals, partner Telix has submitted an application to start a Phase III clinical trial in kidney cancer imaging in Europe using Heidelberg's imaging agent, Redectane.

## Building a proprietary pipeline on validated targets

The B-cell maturation antigen (BCMA) is a validated target in relapsed, refractory multiple myeloma (MM) where CAR-T products from bluebird and Novartis have generated encouraging but early data. CAR-Ts are however autologous, have high CoGS and are for smaller indications than MM. GSK's ADC BCMA-MMAE has also produced good data in a Phase II study. HDP-101 comprises a BCMA antibody and Amanitin, and has shown promising efficacy and tolerability in animal models. Heidelberg aims to file an IND in Q219 (vs end-2018 previously). HDP-101 will need to show outstanding safety and efficacy in this highly competitive field to gain market share. In addition, Heidelberg has ATAC candidates against CD19, PSMA and other targets with potentially competitive preclinical profiles in its pipeline.

# Valuation: Current enterprise value (EV) of €42m

Heidelberg's EV is €42.3m based on a market cap of €65m and cash of €22.7m at the end of Q318. Heidelberg expects its cash runway to extend until 2020. Despite good operational progress, we believe Heidelberg's valuation still reflects the early stage of its pipeline and alliances.

Consensus estimates							
Year end	Revenue (€m)	PBT (€m)	EPS (c)	DPS (c)	P/E (x)	Yield (%)	
12/16	1.4	(6.4)	(0.5)	0.0	N/A	N/A	
12/17	1.9	(11.0)	(0.8)	0.0	N/A	N/A	
12/18e	4.0*	(11.0)	(0.5)	0.0	N/A	N/A	
12/19e	4.8	(12.5)	(0.5)	0.0	N/A	N/A	

Source: Company (historics), Bloomberg consensus estimates. Note: \*Mid-point of guidance.

#### Pharma & biotech





Snare details						
WL6						
28.13m						
22.7						

#### **Business description**

Heidelberg Pharma develops a proprietary pipeline of products based on the novel Antibody Targeted Amanitin Conjugates (the ATAC platform). The ATAC lead product is HDP-101 in IND-enabling studies. The company has collaboration agreements with Takeda and Magenta potentially worth up to \$113m and \$83.5m per target respectively, and deals for other assets.

#### Bull

- Nov el proprietary linker-toxin technology with a wide range of applications.
- Early -stage deals provide initial validation.
- Potential upside from pipeline progression and additional partnerships.

#### Bear

- No clinical data in ATAC yet.
- Early -stage pipeline and partnerships.
- Competition in multiple my eloma.t

#### **Analyst**

Andy Smith +44 (0)20 3077 5738

healthcare@edisongroup.com



Edison is an investment research and advisory company, with offices in North America, Europe, the Middle East and AsiaPac. The heart of Edison is our world-renowned equity research platform and deep multi-sector expertise. At Edison Investment Research, our research is widely read by international investors, advisers and stakeholders. Edison Advisors leverages our core research platform to provide differentiated services including investor relations and strategic consulting. Edison is authorised and regulated by the Financial Conduct Authority. Edison Investment Research (NZ) Limited (Edison NZ) is the New Zealand Subsidiary of Edison. Edison NZ is registered on the New Zealand Financial Service Providers Register (FSP number 247505) and is registered to provide wholesale and/or generic financial adviser services only. Edison Investment Research Limited (Edison Aus) [46085869] is the Australian subsidiary of Edison. Edison Germany is a branch entity of Edison Investment Research Limited [4794244]. www.edisongroup.com

#### DISCLAIMER

Copyright 2018 Edison Investment Research Limited. All rights reserved. This report has been prepared and issued by Edison for publication globally. All information used in the publication of this report has been compiled from publicly available sources that are believed to be reliable, however we do not guarantee the accuracy or completeness of this report. Opinions contained in this report represent those of the research department of Edison at the time of publication. The securities described in the Investment Research PV Ltd (Corporate Authorised Representative (1252501) of Myonfinead views PV Ltd (AFSL: 427484) and any access to it, is intended only for "wholesale dients" within the meaning of the Corporations Act 2001 of Australia. The Investment Research PV Ltd (AFSL: 427484) and any access to it, is intended only for "wholesale dients" within the meaning of the Corporations Act 2001 of Australia. The Investment Research PV Ltd (AFSL: 427484) and any access to it, is intended only for "wholesale dients" within the meaning of the Corporations Act 2001 of Australia. The Investment Advisers Act of 1940 and corresponding state securities laws. As such, Edison does not offer or provide personalised advice. We publish information about companies in which we believe our readers may be interested and this information reflects our sincere opinions. The information that we provide or that is derived from our website is not intended to be, and should not be construed by any subsoriber or prospective subsoriber as Edison's solicitation to effect, or attempt to effect, any transaction in a security. The research in this document is intended for New Zealand resident sections 5(6) (1)(a), (b) and (c) of the FAA). This is not a solicitation or inducement or brokers; and habitual investors who are available and the forest and accordance with the legal requirements designed to promote the independence of investment research and is not subject to large and sudden swings. In addition it may be difficult or not possible to b