



Corporate press release

Promethera Biosciences Presents Novel Data on HepaStem's Ability to Reduce Key Disease Parameters in Advanced Stage NASH in vivo Model

Poster Presentation at EASL 2018 Builds on Previous Data Confirming HepaStem's Therapeutic Potential Across Different Stages of the Disease

Mont-Saint-Guibert, Belgium, April 12, 2018 – Promethera Biosciences SA, a global innovator in cell-based medicines and liver diseases, today presented novel preclinical data on its development program HepaStem. Building on previously generated data in early stage Nonalcoholic steatohepatitis (NASH), the new data demonstrates for the first time the cell-based therapy's ability to improve key disease parameters in a proven model for advanced stage of the disease. NASH represents a severe form of nonalcoholic liver diseases (NAFLD), one of the prominent liver diseases worldwide. The results were presented today at the European Association for the Study of the Liver (EASL) Annual Congress 2018, currently being held in Paris, France.

In the current study, the NASH STAM™ model for advanced stage NASH was used to evaluate the therapeutic effect of the liver-derived cell-based treatment HepaStem. The data showed a significant and dose-dependent decrease in the commonly used NAFLD activity score (NAS) following one (22.4% NAS reduction) or three intravenous injections of HepaStem (32.6% NAS reduction versus the control arm). This effect was mainly attributed to a significant reduction in inflammation, thus supporting the proposed mechanism of action of HepaStem.

"As Promethera continues to pioneer the application of cell therapy for the treatment of chronic liver disorders, it is very encouraging to see that HepaStem was able to reduce established disease parameters in preclinical models for both early and now also advanced stages of NASH. Overall, the data we have generated so far in NASH in addition to the safety and tolerability data in pediatric patients with metabolic disorders justify the evaluation in additional phase I/II studies including also more severe NASH patients," commented Etienne Sokal, M.D., PhD, Chief Innovation and Scientific Officer of Promethera.

--- Continue the discussion and meet our team at the EASL Annual Meeting 2018 at Booth nr 8 at the Biotech Village --- Download our EASL 2018 poster from our website via: <https://www.promethera.com/technology-products/publications> ---

About Promethera Biosciences

Promethera Biosciences is a global innovator in liver therapeutics whose mission is to enable patients to overcome acute and chronic liver diseases. Our lead clinical program, derived from our patented cell technology platform HepaStem, is designed to benefit from its immune-modulatory and anti-fibrotic



properties. In addition to our cell-based pipeline we develop antibody technologies, such as the anti-TNF-R1 antibody Atrosimab, to complement and diversify our therapeutic options. We are a team of international experts operating out of R&D and GMP facilities in Mont-Saint-Guibert, Belgium, and Durham, NC, USA.

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Contact Information:

Promethera Biosciences SA

Alexandra Schiettekatte

Alexandra.schiettekatte@promethera.com

Web: www.promethera.com

For media:

MacDougall Communications

Mario Brkulj or Shai Biran

+49 89 2420 9345

or +1 781-235-3060

promethera@macbiocom.com



<https://www.linkedin.com/company/promethera-biosciences>



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