



PRESS RELEASE
COMMUNIQUÉ DE PRESSE

Enterome collaborates with BIOASTER Institute to provide new insights into mechanisms of potential microbiome-derived cancer immunotherapies

February 3, 2020

Paris and Lyon, France – ENTEROME SA, a clinical-stage biopharmaceutical company, and BIOASTER, the French Institute for Technological Research in Infectious Diseases and Microbiology, today announced they have entered into a research collaboration. The collaboration will see both parties leverage their respective expertise in understanding the key interactions between the gut microbiota and the immune system to provide new insights on the immunological mechanisms that underpin Enterome’s innovative “Oncomimicry” platform from which its lead cancer immunotherapy programs derive.

Enterome’s Oncomimicry immunotherapy platform is based on the concept of molecular mimicry, in which certain bacterial antigens derived from the gut microbiota display molecular similarities with tumor antigens and neoantigens specific to certain tumors. Those bacterial antigens, called “oncomimics”, have been shown to trigger specific immune responses to certain tumors and are being developed by Enterome as targeted immunotherapeutics.

Under the agreement, Enterome will leverage BIOASTER’s expertise in microbiome sciences, microbiology engineering, immune-monitoring and gnotobiology (the science of organisms raised in environments free of germs or those that contain only known germs). In particular, the study will rely on BIOASTER’s proprietary gnotobiotic mouse model, which has a stable, simplified and well-characterized murine intestinal microbiota (GNOTOMICE model), as well as a state-of-the-art immunological platform to explore host-microbiome interactions.

“This collaboration with Enterome is a great opportunity to capitalize on our transversal approach combining technological innovations such as the GNOTOMICE model and BIOASTER’s cross-field expertise in microbiota analyses and vaccine development. These constitute a major asset for supporting industrial players in the development of innovative therapeutic solutions,” commented **Nathalie Garçon, CEO of BIOASTER**.

“We are delighted to be entering into this collaboration with BIOASTER, a renowned French Institute with significant expertise in studying host-microbiome interactions. With this agreement, which follows our collaborations with leading US institutions last year, we plan to further the demonstration of our immunotherapy approach and validate our unique Oncomimicry platform,” said **Christophe Bonny, CSO of Enterome**. *“We hope that the insights we gain, with the support of BIOASTER’s scientific and technical expertise and our other collaborators, will enable us to advance the development of our novel class of microbiome-derived immunotherapies targeted to a range of cancers.”*

LYON
Bâtiment BIOASTER
40, avenue Tony Garnier
69007 Lyon - France
+33 (0)4 69 84 26 00

PARIS
Bâtiment F. JACOB
28, rue du Docteur Roux
75015 Paris - France
+33 (0)1 44 38 91 82



PRESS RELEASE
COMMUNIQUÉ DE PRESSE

About BIOASTER

Created in 2012, following the French initiative of Technological Research Institutes, BIOASTER is a non-for-profit foundation developing a unique technological and innovative model to support the latest challenges in microbiology. In particular, BIOASTER uses and develops high value technological innovations that accelerate development of medical solutions for populations and personalized medicine.

The aim of BIOASTER is to bring together academic, industry and its capacities and specific knowledge to develop and execute high impact collaborative projects requiring industry compatible innovative technologies.

Key figures:

- 4 fields of expertise: antimicrobials, diagnostics, microbiota, vaccines
- 2,450 m² of BSL2 & BSL3 laboratories in Lyon and Paris;
- 100+ employees, including 80% of scientific experts and representing 17 nationalities;
- 66 projects, involving 26 private partners and 25 public partners.

Additional information about BIOASTER is available through its website: www.bioaster.org

About ENTEROME

Enterome is a clinical-stage company pioneering the development of novel pharmaceuticals based on its leading knowledge of the interaction between the immune system and the gut microbiota.

Enterome is advancing a pipeline of small molecule and peptide candidates to treat microbiome-associated diseases with a focus on auto-immune disease and cancer: these include EB8018/TAK-018, a selective FimH blocker, entering a Phase 2a clinical trial for Crohn's disease (partnered with Takeda); and EO2401, an innovative microbiome antigen-based therapeutic derived from its "Oncomimicry" platform, which in combination with a checkpoint inhibitor, is expected to enter Phase 1b/2a clinical trials in patients with glioblastoma and with adrenal tumors, respectively, in 2020. Additionally, EO2463 is a second innovative immunotherapy being prepared to enter clinical trials as a potential treatment for B-cell non-Hodgkin lymphomas.

LYON
Bâtiment BIOASTER
40, avenue Tony Garnier
69007 Lyon - France
+33 (0)4 69 84 26 00

PARIS
Bâtiment F. JACOB
28, rue du Docteur Roux
75015 Paris - France
+33 (0)1 44 38 91 82



PRESS RELEASE
COMMUNIQUÉ DE PRESSE

The Company's strategic drug discovery is driven by its proprietary drug discovery platforms enabling the identification of new targets and therapeutic candidates derived from the microbiome. The Company's approach is based on a "drugs from bugs" approach and is expected to facilitate the use of recognized development and regulatory pathways for its candidates.

Enterome's industry partners include Takeda and Bristol-Myers Squibb and its academic partners are Institut du Cerveau et de la Moelle (ICM), Centre Georges François Leclerc (CGFL) and BIOASTER in France and Dana-Farber Cancer Institute and Memorial Sloan Kettering Cancer Center in the US.

The Company is backed by venture capital investors (Seventure Partners, Lundbeckfonden Ventures, Health for Life Capital, Omnes Capital and Principia) and strategic investors (BMS, Nestlé Health Science, Shire and INRA Transfert).

Additional information about Enterome is available at: www.enterome.com

BIOASTER Contact

Olivier Charzat, Communication officer
olivier.charzat@bioaster.org

Enterome Contact

Pierre Belichard, CEO
Tel. +33 1 75 77 27 87
media@enterome.com

Media Relations

Sylvie Berrebi / Mark Swallow / David Dible
Citigate Dewe Rogerson
Tel. +44 207 638 9571
enterome@citigatedewerogerson.com

Investor Relations

Melody Carey
Rx Communications Group
Tel. +1 917 322 2571/ mcarey@rxir.com

LYON
Bâtiment BIOASTER
40, avenue Tony Garnier
69007 Lyon - France
+33 (0)4 69 84 26 00

PARIS
Bâtiment F. JACOB
28, rue du Docteur Roux
75015 Paris - France
+33 (0)1 44 38 91 82