PRESS RELEASE
JULY 12, 2021

Enterome announces first patient dosed in a Phase 1/2 trial with second OncoMimics™ vaccine, EO2463, in non-Hodgkin lymphoma

- **EO2463 is an innovative, off-the-shelf microbiome-peptide based cancer vaccine**
- **EO2463 combines four microbiome-peptides of B lymphocytes-specific lineage markers designed to induce the full depletion of malignant B lymphocytes**

Paris, France – JULY 12, 2021

ENTEROME SA, a clinical stage biopharmaceutical company developing novel drugs based on its unique ability to de-code molecular interactions in the gut microbiome impacting human health, announces that the first patient was dosed in a Phase 1/2 clinical trial ('SIDNEY') with EO2463, its second OncoMimics™ vaccine for the treatment of indolent non-Hodgkin lymphomas (iNHL). Initial clinical data from the trial are expected in 2022.

EO2463 is an innovative, off-the-shelf microbiome-peptide based cancer vaccine that combines four microbiome-peptides of B lymphocyte-specific lineage markers. EO2463 is designed to trigger the immune system into recognizing B cells as bacterial (i.e. non-self) and eliciting a targeted cell-killing response. The clinical rationale behind targeting these specific lineage cell markers is to induce the full depletion of malignant B lymphocytes that cause NHL.

The SIDNEY trial (EONHL1-20; NCT04669171) is a multicenter, open-label, Phase 1/2 study assessing the safety, tolerability, immunogenicity and preliminary efficacy of EO2463 as monotherapy and in combination with standard-of-care lenalidomide and/or rituximab in patients with follicular and marginal zone lymphoma. A total of 60 patients are expected to be enrolled in Europe and the US.

This is the third clinical trial investigating OncoMimics™ cancer vaccine candidates in solid and liquid malignancies to be launched by Enterome in the last 12 months.

Professor Pier Luigi Zinzani, MD, PhD, from the University of Bologna (Italy), is SIDNEY's Global Coordinating Investigator. Prof. Zinzani is a renowned hematologist with extensive clinical research and drug development experience in the field of NHL, Hodgkin's disease and chronic lymphocytic leukemia.

Prof. Zinzani, said: *"Targeting B-cell specific antigens with a therapeutic non-self, off-the-shelf, vaccine is a very interesting approach to treating NHL. We are excited to begin clinical studies to investigate whether EO2463 can impact not only relapsed disease in combination with established standard-of-care options, but also very early stages of iNHL when used as monotherapy. We look forward to seeing the immunological and clinical impact of the vaccine and providing updates on the progress of this study."*

Dr. Jan Fagerberg, Chief Medical Officer of Enterome, said: *"EO2463 is Enterome's second microbiome-peptide based cancer vaccine generated from our unique drug discovery platform. This clinical trial is another significant step in our strategy to deliver proof of concept data for our OncoMimics™ vaccines, which we believe can target both solid and liquid malignancies. We are delighted to initiate this trial and believe that the data we expect to generate from clinical trials with EO2401 and EO2463 will position Enterome as a clear leader of next-generation cancer vaccines."*

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About Enterome

Enterome is a clinical stage biopharmaceutical company developing novel drugs based on its unique ability to de-code molecular interactions in the gut microbiome impacting human health. Enterome's success is based on its unique ability to identify small proteins and peptides ("effectors") from gut bacteria that can deliver a therapeutic benefit in humans.

Enterome is leveraging this unique ability to develop two highly promising pipelines of clinical and pre-clinical candidates with a focus on cancer, inflammatory and metabolic diseases:

- **OncoMimics:** innovative, off-the-shelf, microbiome-peptide powered cancer vaccines (EO2401, EO2463). EO2401 is in Phase 1/2 clinical trials in patients with glioblastoma and adrenal tumors. EO2463 is in a Phase 1/2 clinical trial for indolent non-Hodgkin B-cell lymphomas.

- **EndoMimics:** a new generation of biologics targeting inflammatory diseases (EM101) and metabolic diseases.

These pipelines have been created using Enterome's highly efficient proprietary drug discovery platform that uses machine learning and lab assays to interrogate and decode the world's largest database of gut bacterial proteins, a unique source of novel precision drugs.

In addition, Enterome's clinical candidate Sibofimloc (also referred to as TAK-018) is advancing through Phase 2 clinical trials in Crohn's disease. Sibofimloc has been partnered with Takeda globally, with Enterome retaining a significant profit share in the US.

Enterome is headquartered in Paris (France) and is backed by leading venture capital investors.

For more information please visit the company's website at: **www.enterome.com.**