

A novel systems biology approach to develop preclinical assets from innovative drug discovery starting points inspired by viruses.

MIMESIS is a research and innovation project coordinated by ENYO Pharma and funded under the highly selective H2020 - SME Instrument - Phase 2 call that aims at: "Dedicated support to biotechnology SMEs closing the gap from lab to market". The MIMESIS project was launched on Nov 2016 for 2 years.

We will keep you updated regularly on the progress of the program.

Read more about mimesis



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement n° 739086-MIMESIS.

After a successful feasibility phase for ENYO Pharma's approach, MIMESIS intends to execute the following scaled up plan:

- o Generate a small molecule library to identify modulators of a hundred human pathways known to be targeted by viruses.
- o Screen the library against disease relevant cell assays for infectious disease and expand the therapeutic focus to include non-infectious diseases.
- o From the output of cell based screens, prioritize targets and the molecule starting points for drug development.
- o Initiate the deployment of the approach for possible licensing to the pharmaceutical industry.

6 diseases with unmet clinical **need** will be addressed by MIMESIS:

- Infectious diseases
 - Influenza virus
 - Human rhinovirus
 - Respiratory syncytial virus
 - Zika virus
 - Mycobacterium tuberculosis
- Non infectious disease
 - Breast cancer



MIMESIS' Timeline



Nov 2016



March 2017

Molecule library

generated

Project MIMESIS launch

Agreement of the proposal by the EU. EU contribution: 2.5 M€ (70% of the budget)



Proof of Concept





status





Screen phenotypic assays for hits









Molecule optimization

>> Click here to unsuscribe <<

Chemical series patent application

Business development & Market approach

Project commercialization

ABOUT ENYO PHARMA

ENYO Pharma is a biopharmaceutical company incorporated in January, 2014, by four scientists of the Infectiology Research Center in Lyon, France, and three seeding partners (2 privates and 1 public, Inserm Transfert Initiative). In February 2016, ENYO Pharma announced closing of a €22 million funding round led by Sofinnova Partners, alongside Morningside and Bpifrance via its fund InnoBio. This A-round financing has enabled ENYO Pharma to conduct Phase I trials for its lead molecule and phase II trials on chronic hepatitis B sufferers will follow in 2018.

Contact: Jacky Vonderscher, CEO / Eric Meldrum, CSO



