



Organo Therapeutics wins SLAS New Product Award

Jens Schwamborn & Javier Jarazo use cutting-edge human-specific mini-brains for the discovery and development of effective drug candidates targeting Parkinson's disease.

Jens Schwamborn and Javier Jarazo of OrganoTherapeutics achieved a new milestone by receiving the SLAS New Product Award for their research on the production of 3D brain organoids. The two scientists are creating 3D brain organoids from stem cells of Parkinson's patients specifically for the midbrain, which help in the development of new drugs for Parkinson's. Dr. Jens Schwamborn is a professor at the University of Luxembourg, a neuroscientist, and an expert in stem cell and Parkinson's research. Dr. Javier Jarazo is an expert in stem cell models, phenotyping screening, and computational data analysis.

ORGANO THERAPEUTICS:

JENS SCHWAMBORN & JAVIER JARAZO CREATE 3D BRAIN ORGANOIDS TO DEVELOP POTENTIAL DRUGS FOR PARKINSON'S DISEASE

Jens Schwamborn and Javier Jarazo founded Organo Therapeutics as a spin-off from the University of Luxembourg / Luxembourg Centre for Systems Biomedicine. There, the two have been researching the production of 3D brain organoids, so-called mini-brains, for years. Organoids are pieces of tissue grown from stem cells in a test tube, which researchers can use to study life processes "in vitro" (in test tubes). Jens Schwamborn and Javier Jarazo have specialized in the production of brain organoids specifically for the midbrain, grown from stem cells of Parkinson's patients. These mini-brains greatly aid in the development of potential drugs to treat Parkinson's.

ORGANO THERAPEUTICS PURSUES THE APPROACH OF NEUROPROTECTIVE THERAPY

Jens Schwamborn and Javier Jarazo were facing the problem that there were only symptomatic therapies for Parkinson's disease. Their approach, however, is that of neuroprotective therapy. Neuroprotective therapies start at the onset of the disease, namely the loss of nerve cells. Organo Therapeutics' 3D brain organoids, or mini-brains, are now helping other pharmaceutical and biotech researchers from around the world to develop new treatments for Parkinson's. As is common in this industry the biggest problem for Jens Schwamborn and Javier Jarazo is funding the research.

ORGANO THERAPEUTICS RESEARCH RECOGNIZED WITH SLAS NEW PRODUCT AWARD

A total of 20 SLAS awards are presented annually in 5 categories, recognizing the work of scientists worldwide. One of these is the SLAS New Product Award, with which SLAS honors 3 particularly innovative research works. To apply for this award, certain requirements must be met. For example, the research must contribute to the exploration of technologies in the laboratory, exceed a benchmark in the screening or lead discovery process, or demonstrate advanced and integrated use of mature technologies.

The SLAS New Product Award is given by a jury of experts taking the following criteria into account:

1. Opportunity in the marketplace
2. Impact on the future (of research)
3. Originality/uniqueness
4. Conceptual proof

Jens Schwamborn and Javier Jarazo prevailed among thousands of applicants with OrganoTherapeutics and their research. Their mini-brains were recognized with the SLAS News Product Award in January 2021.

Pressekontakt

OrganoTherapeutics

Herr Jens Schwamborn
Avenue des Hauts-Fourneaux 6A
4365 Esch-sur-Alzette

organo-therapeutics.com/
organo-therapeutics@clickonmedia-mail.de

Firmenkontakt

OrganoTherapeutics

Herr Jens Schwamborn
Avenue des Hauts-Fourneaux 6A
4365 Esch-sur-Alzette

organo-therapeutics.com/
jens.schwamborn@organo-therapeutics.com

OrganoTherapeutics use cutting-edge human-specific mini-brains for the discovery and development of effective drug candidates targeting Parkinson's disease. We screen new molecules on our proprietary human-specific minibrains which represent a model mimicking faithfully the human Parkinson's disease pathology. OrganoTherapeutics aims at developing new drug candidates against Parkinson's disease which are tested in state-of-the-art 3D patient models. OrganoTherapeutics has developed first own proprietary drug candidates and has access to attractive libraries for further screening.

OT Organo Therapeutics

