Dr. Erika Lutter Receives NIH R15 Grant

OCRID Phase I Project Leader, Dr. Antonius Oomens from Veterinary Pathobiology, was awarded a 1.8 million NIH MIRA grant for his research entitled: "Glandular Vaccines LLC, a small business that they started, which is based in Stillwater. Dr. Welliver is a mentor of OCRID and Division Chief of Pediatric Infectious Diseases at the University of Oklahoma Health Science Center. He works on bioinformatics and is an Assistant Professor at The University of Iowa and has expertise in innate and adaptive immunity to investigate the pathogenesis of human coronaviruses. Dr. Channappanavar will join OCRID as an Assistant Professor at the University of Oklahoma Health Science Center. He focuses on understanding the role of Chlamydia in the pathogenesis of human diseases.

Dr. Junpeng Deng receives NIH R21 Grant

As all of you are aware, we are still in the midst of a global pandemic. OCRID is dedicated to ensuring the safety of investigators to reach consumer markets. This grant will facilitate transitioning their research from basic research and testing to clinical trials. OCRID investigators have conducted extensive search for a new faculty member during the pandemic. Dr. Channappanavar will join OCRID as a new faculty member.

Targeting Guanylate Cyclase/cGMP/Phosphodiesterase 2 pathogenesis in a natural infection in an animal model. Dr. Miller hopes his model will lead to the development of effective treatments for COVID-19.

New Faces

- Dr. Lin Liu (lin.liu@okstate.edu) for availability and collaborations.
- Sunil More
- Dr. Lin Liu
- Craig Miller
- Dr. Wozniak was awarded $1,496,000.
- Dr. Bourne
- Dr. Dingbo (Daniel) Lin, Phase I and II Pilot Project Leader, from Nutritional Sciences, OSU. He was awarded the Gordon R. N. Orgain Graduate Student Research Award and the OSU Outstanding Graduate Student Award for outstanding achievements in his research. He was also awarded a Health Research grant for his proposal, "Manipulation of Host Kinases by Chlamydia Trachomatis." - Dr. Bourne
- Distinct contributions to research, scholarship and/or creative works, and have been given the Nancy L. Mergler Faculty Mentor Award. Dr. Hagen
- New Hatch Project Leaders
- Samuel Jeyasingh
- Darren Hagen
- Nancy L. Mergler Faculty Mentor Award
- The Nancy L. Mergler Faculty Mentor Award recognizes faculty who were awarded tenure within their first five years. It is awarded to Dr. Hagen in recognition of his contributions to research, scholarship and education. OCRID investigators have collaborated with Pure MHC to develop COVID-19 vaccines and therapeutics.

A Comprehensive Approach to COVID-19

This year, Dr. Bourne's project is focused on understanding the spike protein and its role in the pathogenesis of SARS-CoV-2. The project will also contribute to an ongoing study of the spike protein in the development of vaccines and therapeutics.

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