



DRUID



LOEWE

Exzellente Forschung für
Hessens Zukunft

SPRING SYMPOSIUM (online)

LOEWE CENTER DRUID

22. - 24. February 2021

Hosted by the Paul-Ehrlich-Institut, Langen

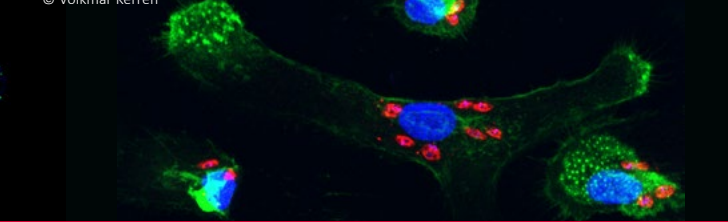
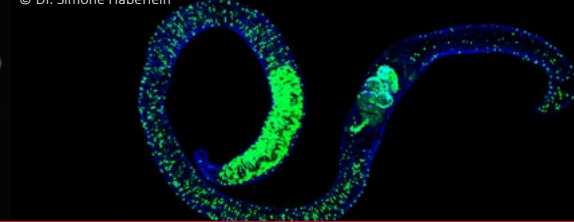
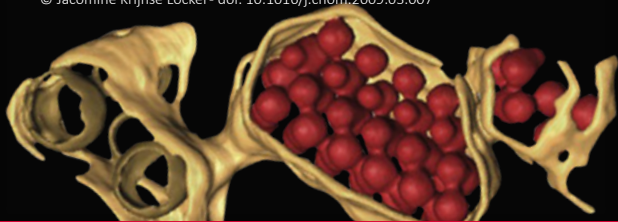
The **LOEWE Center DRUID** has been funded since January 2018 within the State Offensive for the Development of Scientific and Economic Excellence (LOEWE).

In DRUID, the leading medical universities of Hessen along with the Paul-Ehrlich-Institut in Langen and the University of Applied Sciences of Central Hessen are synergistically working on identifying and characterizing potential target molecules in order to develop urgently needed drugs, vaccines, and diagnostic tools against poverty-associated, neglected infectious diseases.

A cooperation of:



Wirtschaftsförderer für Hessen



MONDAY, 22nd Feb 2021		Session 1
2:45 – 3:00 pm	Welcome: Stephan Becker & Klaus Cichutek	
3:00 – 3:30 pm	<i>Flavivirus NS3 Protein as a Target for Antivirals</i> Rolf Hilgenfeld & Linlin Zhang (Lübeck, Germany)	
3:30 – 4:00 pm	<i>Identification of Targets for Antiviral Strategies against Zika Virus</i> Eberhard Hildt (DRUID)	
4:00 – 4:30 pm	<i>Development of Broad-Spectrum Antivirals by Targeting the Host Factor eIF4A</i> Arnold Grünweller (DRUID)	
4:30 – 4:45 pm	Coffee Break	
4:45 – 5:15 pm	<i>Host Factor Targeted Drug Discovery for SARS-CoV-2 Through an International Collaboration</i> Nevan Krogan (San Francisco, USA)	
5:15 – 5:35 pm	<i>Preclinical Screening of Redox-Active Compounds against African Vector-Borne Protozoan Parasites</i> Janine Aucamp (Potchefstroom, South Africa)	
5:35 – 5:55 pm	<i>Investigating a new System in Visceral Leishmaniasis Patients</i> James Obondo Sande (Kampala, Uganda)	
5:55 – 7:00 pm	Interactive Dinner Break	
PUBLIC LECTURE		Public Lecture
7:00 – 7:05 pm	Welcome & Moderation: Ger van Zandbergen	
7:05 – 7:25 pm	<i>Like a Balloon on a String; SARS Coronavirus-2 Spike shows Unexpected Flexibility</i> Jacomine Krijnse Locker (DRUID)	
7:25 – 7:45 pm	<i>Molecular to Macro: Understanding COVID-19 interactions with NTDs is critical to the Global South</i> John Amuasi (Kumasi, Ghana)	
7:45 – 8:05 pm	<i>The SARS-CoV-2 Epidemic in sub-Saharan Africa - a Miracle?</i> Jürgen May (Hamburg, Germany)	
8:25	End of Day 1	

TUESDAY, 23rd Feb 2021		Session 2
3:00 – 3:30 pm	<i>Allosteric Inhibition of Flaviviral Proteases</i> Tanja Schirmeister (Mainz, Germany)	
3:30 – 4:00 pm	<i>Development of Dithiocarbamates as Anthelmintics and RNA-Helicase eIF4A Inhibitors as Potential Antivirals</i> Martin Schlitzer (DRUID)	
4:00 – 4:30 pm	<i>NAD(P)H-Dependent Metabolic Pathways as Targets for New Anti-infective Agents</i> Isabelle Berneburg (DRUID)	
4:30 – 4:45 pm	Coffee Break	
4:45 – 5:15 pm	<i>High-Resolution Mass Spectrometry Imaging of Compounds and Metabolites in Parasites and Infected Hosts</i> Bernhard Spengler (DRUID)	
5:15 – 5:45 pm	<i>Hemotropic Infection by the Bacterial Pathogen Bartonella is Controlled by Neutralizing Antibodies</i> Christoph Dehio (Basel, Switzerland)	
5:45 – 6:45 pm	Interactive Dinner Break	
6:30 – 8:30 pm	DRUID Internal Breakout Sessions	
8:30 – 9:30 pm	SAB Meeting	

CONTACT

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WEDNESDAY, 24th Feb 2021		Session 3
3:00 – 3:30 pm	<i>Hypervirulence induced by Leishmania Bearing RNA Viruses</i> Nicolas Fasel (Lausanne, Switzerland)	
3:30 – 4:00 pm	<i>Drug Discovery for Schistosomiasis</i> Karl Hoffmann (Wales, UK)	
4:00 – 4:30 pm	<i>Schistosoma mansoni: Selected Targets, Drugs and Compounds – an Update</i> Christoph Greveling (DRUID)	
4:30 – 4:45 pm	Coffee Break	
4:45 – 5:15 pm	<i>Identification of Repurposed Drugs, Synthetic Molecules and Natural Compounds as Broad-Spectrum Anthelmintics</i> Simone Häberlein (DRUID)	
5:15 – 5:45 pm	<i>Unraveling Apoptosis Mechanisms in Leishmania for the Discovery of New Drug Targets in Leishmaniasis</i> Michaela Bergmann (DRUID)	
5:45 pm	Farewell Stephan Becker & Ger van Zandbergen	
5:45 – 7:45 pm	DRUID Internal Breakout Sessions	
7:45 pm	End of Conference	

How to participate:

SESSION 1
DRUID / Viruses
Monday
22nd Feb 2021

[click here](#)

PUBLIC LECTURE
DRUID / SARS-COV2
Impact on Developing Countries
Monday
22nd Feb 2021

[click here](#)

SESSION 2
DRUID / Viruses,
Parasites and Bacteria
Tuesday
23rd Feb 2021

[click here](#)

SESSION 3
DRUID / Parasites
Wednesday
24th Feb 2021

[click here](#)