



PAUL EHRLICH SYMPOSIUM

on the occasion of the Paul Ehrlich and
Ludwig Darmstaedter Prizes 2021 and 2022

»ZAUBERKUGEL« FROM BASIC RESEARCH TO APPLIED MEDICINE

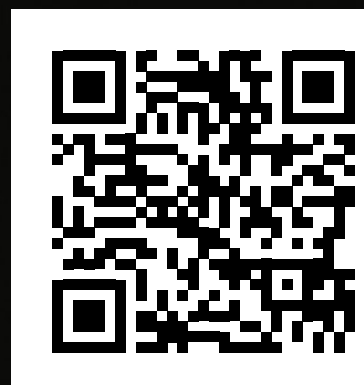
March 15, 2022, 16:00 – 18:45 pm

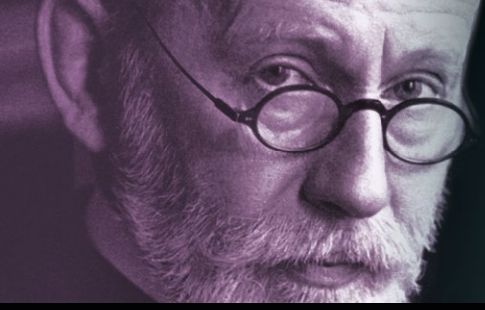
The event will be livestreamed from 16.00 h

Please visit our YouTube channel: www.youtube.com/GoetheUniversitaet

Questions can be raised via email during the livestream paul-ehrlich-nachwuchspreis@uni-frankfurt.de

Pre-Registration is not necessary.





»ZAUBERKUGEL« – FROM BASIC RESEARCH TO APPLIED MEDICINE



Bonnie L. Bassler



Elvira Mass



Katalin Karikó



Laura Hinze

PROGRAM

- 16:00 Introduction**
Robert Tampé (Goethe University Frankfurt)
- 16:10 Bonnie L. Bassler** (Princeton University)
Quorum sensing across domains: from viruses to bacteria to eukaryotes
- 16:35 Elvira Mass** (University Bonn)
The role of macrophages in health and disease
- 17:00 Panel discussion**
Host-pathogen alliance and immunity

- 17:15 Break**
- 17:30 Katalin Karikó** (BioNTech, Mainz)
Developing mRNA for therapy
- 17:55 Laura Hinze** (Hannover Medical School)
Mechanisms of amino acid metabolism in cancer cells
- 18:20 Panel discussion**
Tumor therapy and personalized medicine

Moderator **Joachim Pietzsch** (Communications, Paul Ehrlich Foundation)

