

2022

RNA BIOLOGY SHORT COURSE



OVERVIEW

The RNA Biology short course is one of the core courses of the “RNA & Infection” graduate program and seeks to provide a foundation for investigating RNA biology. The RNA Biology course will span five days and will expose students to the fundamentals of the chemical properties of RNA, the life cycle of RNA in bacteria and eukaryotes, RNA as a regulatory molecule, and advances in the engineering and delivery of RNA. As part of the course, students will also learn about modern techniques used to probe different aspects of RNA biology as well as open research questions within the area. The course will be taught in English by a team of group leaders with in-depth expertise on each topic. A complementary short course on Infection Biology and Immunity will be offered in Spring 2023.

The course is open to all students and postdocs at the University of Würzburg and is required for all new HIRI students.

QUESTIONS?

Please contact the course organizers Jun.-Prof. Caliskan (neva.caliskan@helmholtz-hiri.de) or Jun.-Prof. Smyth (redmond.smyth@helmholtz-hiri.de).



OCTOBER 24 – 28, 2022

Monday - Friday
9:00 – 12.30/14.30



JMU MEDICAL CAMPUS
BUILDING D15

room numbers t.b.a.

GENERAL TOPICS:

- **Biochemistry, chemical modifications, and folding of RNA**
- **Life cycle of RNA in bacteria and eukaryotes**
- **RNA-based regulators in bacteria and eukaryotes**
- **RNA engineering and delivery**

FOR MORE INFORMATION AND THE COMPLETE SCHEDULE [CLICK HERE.](#)

TO REGISTER PLEASE EMAIL
TIM.SCHNYDER@HELMHOLTZ-HIRI.DE