

RKI Lectures & Courses 2021

(public or semi-public)

RoKoDoKo Workshops

Courses and Workshops of the Robert Koch Doctoral Program (RoKoDoKo) – Limited access only to doctoral students at RKI and doctoral students from partner institutions.

Scientific Data Visualization

Date/ Time: 08.04.2021 9:00 a.m. - 09.04.2021 12:00 p.m.

Contents:

- theoretical understanding of how design works
- how to incorporate these principles into the visualization of scientific data

This workshop is aimed at PhD students who have already worked on figures or will have to prepare figures soon. This workshop will give them a guideline to set up paper-ready figures from scratch. No previous knowledge about graphic programs is required.

Language: English. Duration: 8 h, max. 12 participants.

Registration: Registration for students from partner doctoral programs open until the 26.03.2021: rokodoko@rki.de

Poster Design and Presentation (online)

Date/ Time: 03.05.2021/ 9:00 a.m. – 4:00 p.m.

Lecturer: Dr. Imke Lode

Contents:

- General aspects regarding purpose, audience, story of your poster
- Poster content; planning your poster
- Poster layout and text; poster illustrations
- Oral presentation skills of your poster, e. g. body language, use of your voice
- Question & Answer session; “what if ...” and other challenges

The video communications program "Zoom" is required for participation. Duration: 8h

Registration: Registration for students from partner doctoral programs open until 16.04.2021: rokodoko@rki.de

Introduction to CRISPR (online)

Date/ Time: 12.05.2021/ 9:00 a.m. – 4:00 p.m.

Contents:

- Introduction to CRISPR principles and application
- gRNA design strategies for knockout and knock-in reactions
- Virtual lab exercises using pre-established case study scenarios for design of qRNA and HDR templates
- Overview of delivery methods for editing tools and Cas9 formats
- Mutation detection and validation methods

You will receive a course guide containing all lecture materials, case study examples, troubleshooting tips and more to help you get started right away when you return to your lab.

The training will take place online via Webex. Duration: 8h

Registration: Registration for students from partner doctoral programs open until the 23.04.2021:
rokodoko@rki.de

RoKoDoKo Events

Events organized by the RoKoDoKo for bachelor, master and doctoral students at the RKI or partner doctoral programs.

Journal Club

Date/ Time: takes place monthly/ 3:00 p.m. – 4:00 p.m.

Description:

The Journal Club is a non-mandatory gathering of young researchers with the aim to improve exchange and discuss a variety of research topics. Participants are encouraged to present a paper of choice linked to their own research interest or research methods in a short talk or presentation (10 - 15 min). You are also allowed to present your own publication or a publication from your working group as long as it is not too complex for others to understand.

Language: English, Place: WebEx

Registration: Registration open for students from partner doctoral programs. We also welcome interested bachelor or master students! To register/ for further information write to:
rokodoko@rki.de

RoKoDoKo Summer Plenary Meeting (and BBQ)

Date/ Time: to be announced

Description: The annual summer plenary meeting of the RoKoDoKo is usually combined with a BBQ party. Due to the pandemic, the event may take place online.

Language: English

Registration: Details to be announced

RokoCinema

Date/ Time: currently on hold

Description: Films that are related to the Institute's topics are shown. The aim is also to promote interdisciplinary exchange (between the RKI staff) in discussion rounds after the movie. Currently on hold due to Corona, a resumption is expected in the second half of the year.

Duration: to be announced, min. 20, max. 120 participants

Registration: Details to be announced

RokoCon 2021

Date: 28th/ 29th October

Description: The RoKoCon Meeting at Robert-Koch Institute is a place for early stage scientists (students to postdoc) to network and to present their current work. External speakers are also invited.

Language: German and English, min. 20, max. 120 participants

As of June 29, 2021. Subject to alterations.

Registration: Details to be announced

RoKoDoKo Winter Plenary Meeting

Date/ Time: to be announced

Description:

The last plenary meeting of the year, usually combined with a (pre) winter party.

Language: English

Registration: Details to be announced

Other Events at the Robert Koch-Institute

ZIG Talks: Decolonizing Global Health

Date: monthly

Description:

Experts – mostly from German and European institutions – address important global health topics, not least to inform and shape RKI's future international health activities. Talks in 2019 focused on health systems research and global health protection. The 2020 lectures addressed issues of interdisciplinarity in global health. Current talks look at inequalities, colonial continuities and decolonization in global health.

Language: English. Takes place online via WebEx.

Registration: Event is open to the public – no prior registration required. The LogIn-Information for the current meeting can be found on

https://www.rki.de/DE/Content/Service/Veranstaltungen/Tab/ZIG_Talks_tab.html

Virology Seminar

Date/ Time: Weekly, always on Mondays

Description:

RKI scientists as well as external guests giving lectures on their research and current virology topics. The topic of the current talk changes weekly, and can be found on the RKI Website (Link: see "Registration").

Language: German or English. Takes place online via WebEx. Duration approx. 1h

Registration: Event is open to the public – no prior registration required. The LogIn-Information for the current meeting can be found on

https://www.rki.de/DE/Content/Service/Veranstaltungen/Tab/virol_Sem_tab.html

Robert Koch Colloquium

Date/ Time: 19.05.2021 – 23.06.2021/ 4:00 p.m.

Description:

The Robert Koch Colloquium is an annual interdisciplinary lecture series, each year focusing on one specific innovative public health topic, such as Digital Epidemiology (2017), Human Microbiome Research (2018), Burden of Disease (2019); in 2020, the Colloquium "Public health surveillance" had to be cancelled due to COVID-19.

Topic 2021: Public Health Surveillance

Language: German or English. Takes place in Wernigerode.

Registration: For students from partner doctoral programs open until 01.07.2021:

<https://terminplaner4.dfn.de/ATRK6Adn3WtwJmTL>

Lecture Series: Infectious disease epidemiology

Date/ Time: currently on hold due to Corona/ details to be announced when available

Description:

The Robert Koch Colloquium is an annual interdisciplinary lecture series, each year focusing on one specific innovative public health topic, such as Digital Epidemiology (2017), Human Microbiome Research (2018), Burden of Disease (2019); in 2020, the Colloquium "Public health surveillance" had to be cancelled due to COVID-19.

Language: English.

Registration: Open with previous registration: If you wish to participate please register here:

[infektepilhre\(at\)rki.de](mailto:infektepilhre(at)rki.de)

Berlin Microbiological Society e.V./ external speakers

Date/ Time: Regularly/ 6:15 p.m.

Description:

The Robert Koch Colloquium is an annual interdisciplinary lecture series, each year focusing on one specific innovative public health topic, such as Digital Epidemiology (2017), Human Microbiome Research (2018), Burden of Disease (2019); in 2020, the Colloquium "Public health surveillance" had to be cancelled due to COVID-19.

Registration: Event is open to the public – no prior registration required.

Website: <http://bmg-ev.de/aktuell.html>

Colloquium Statistical Methods in Empirical Research

Date/ Time: Weekly during the Winter Semester/ Tuesday, 5:00 p.m. – 6:30 p.m.

Description:

The interdisciplinary colloquium is aimed at all interested parties of empirical questions and statistical methods. The focus is on current topics in the field of biostatistics, medicine, epidemiology, agriculture or other fields of application

Language: German or English.

Registration: Event is open to the public – further information can be found on

<https://www.vetmed.fu-berlin.de/einrichtungen/institute/we16/kolloquium>.

Further information on upcoming events at the RKI can be found on our Website:

https://www.rki.de/DE/Content/Service/Veranstaltungen/Tab/veranstaltung_gesamt_tab.html