

IZKF Research Training Group Course offer 2021 - block 2/2

[Register online](#)

Scientific Writing 1

Dates: 06.09. - 10.09.2021

Duration: 5 * 0,5 days

Time: 09:00 - 12:15

Room: Zoom

Max. number of participants: 12

Trainer: Dr. Deborah Bennett

Course language: English

Course fees: 170,00 €

An introduction to scientific writing: Laying the foundation for effective research writing

- Improve facility for scientific language
- Familiarise with writing conventions within their field
- Practical writing tasks based on own projects

Fundamentals of bioinformatics analysis of functional genomics data

Dates: 13.09. - 17.09.2021

Duration: 5 days (~ 22 hours)

Time: tba

Room: Zoom

Max. number of participants: 10

Trainer: Dr. Fulvia Ferrazzi

Course language: English

Course fees: no fee

Omics data analysis has a key role in biomedical research and has gained increasing importance for precision medicine. During this course students will learn the fundamental principles and methodologies for the bioinformatics analysis of functional genomics data in order to be able to exploit the analyses possibilities of user-friendly tools (such as those offered by GEO, DepMap, cBioPortal) as well as effectively interact and cooperate with bioinformaticians for questions that cannot be answered with these tools. In the course, frontal lectures will be accompanied by practical sessions. This is an introductory-level course, thus no previous bioinformatics knowledge is required.

It is offered as a block course during the week 13.09.2021-17.09.2021. (exact times will be fixed in a short meeting at the beginning of September)

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Project/ Time and Self Management

Date: 20.09. and 27.09.2021

Duration: 2 * 0,5 days

Time: 09:00 - 12:00

Room: Zoom

Max. number of participants: 12

Trainer: Dr. Alexander Egeling

Course language: English

Course fees: 100,00 €

The focus is on the question of how a doctorate can be planned in a structured way and be processed efficiently. For this purpose, the widest spread techniques of project and time management, as used in business and science, are adapted for doctoral studies. Thereby the course provides a general introduction to these management techniques while still being most relevant for your current situation. Participants will apply the presented techniques to their own doctorate projects. This way, everyone will leave the course with concrete plans and tangible ideas on how to integrate these into their everyday work.

Content:

- Domains of project management and their relevance for a doctorate
- Project planning techniques from classic to agile
- Breaking down goals and dealing with tasks and deadlines
- Time management incl. prioritizing to structure the daily routine
- The influence of environmental factors, my rhythm and time

Applied Statistics

Date: 05.10. - 06.10.2021

Duration: 2 * 0,5 days

Time: 08:30 - 13:00

Room: Zoom

Max. number of participants: 15

Trainer: Dr. Mathias Englbrecht

Course language: English

Course fees: 120,00 €

Overview of applied statistics and related pitfalls and misunderstandings in scientific research (focus on human medicine and basic research)

Content:

The aim of the course is to transfer application-oriented statistics knowledge required for reading, understanding and writing research results in the context of publications. For this purpose, examples from applied research are discussed together, existing guidelines are presented and the participants are provided with an overview of statistical pitfalls in the planning and realization of research projects. Thus, there is also the imparting of basic statistical knowledge.

Grant Writing

Dates: 18.10.2021 (kick-off session)

Duration: 5 meetings during the semester

Time: 14:00 (kick-off session)

Room: Zoom

Max. number of participants: 9

Trainer: Prof. Dr. Becker, Prof. Dr. Zimmermann, Prof. Dr. Engel

Course language: English

Course fees: no fee

The Grant Writing course will provide knowledge in how to write a competitive grant in the field of experimental biomedical research.

In small groups together with experienced scientists, we will discuss the general design of grant proposals and give insights into what reviewers usually expect.

Over a period of 5 meetings during a semester, each group will write a funding proposal, which will be presented at the end.

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Scientific Writing 2

Dates: 25.10. - 29.10.2021

Duration: 5 * 0,5 days

Time: 09:00 - 12:15

Room: Zoom

Max. number of participants: 6

Trainer: Dr. Deborah Bennett

Course language: English

Course fees: 340,00 €

Writing research articles: Guiding students through writing a first draft

- Support in efficiently and effectively writing a first draft of a research article
- Increase research output
- Practical advice on structuring the manuscript section by section, dedicated writing time and extensive individual feedback

An introduction to presentation skills

Dates: 11.11. - 12.11.2021

Duration: 2 days

Time: 09:00 - 16:30

Room: Zoom

Max. number of participants: 8

Trainer: Dr. Deborah Bennett

Course language: English

Course fees: 200,00 €

Helping students become confident and articulate presenters

- Provide with the tools they need to make an impact
- Promote opportunities for collaborative research
- Practical tasks to develop communicative skills, delivery of individual presentations and extensive feedback

Good Scientific Practice

Dates: 19.11.2021

Duration: 1 day

Time: 9:00 - 16:30

Room: Zoom

Max. number of participants: 16

Trainer: Dr. Anne Hamker

Course language: English

Course fees: 75,00 €

Any responsible conduct of research should be based on honesty, accuracy, efficiency, and objectivity. The workshop Good Scientific Practice focuses on these scientific standards of international research. It raises awareness of the subject matter by providing doctoral candidates with a set of professional values and ethical norms as well as required competencies and skills to pursue scientific integrity. The content of the course follows the curriculum "Safeguarding Good Scientific Practice" (Memorandum and Code of Conduct) of the Deutsche Forschungsgemeinschaft (DFG).

Specific Topics

- Introduction to good scientific practice
- Mentoring in the science system
- Misconduct in scientific research
- Conflicts of interest in scientific cooperation
- Data management
- Publication ethics

Aims

The workshop instructs participants on the principles of good scientific practice. Doctoral candidates learn how to comply with the international values and standards of good scientific research and ethical practice.

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Career Planning



Dates: 22.11.2021

Duration: 1 day

Time: 9:00 – 16:00

Room: Zoom

Max. number of participants: 10

Trainer: Dr. Martina E. van de Sand

Course language: German

Course fees: 170,00 €

Mit dem Abschluss der Promotion steht für die meisten Promovierenden eine grundlegende Entscheidung über die weitere berufliche Karriere an. Die Optionen und Aufgabenfelder der medizinischen Forschung sind vielfältig, die Auswahl fällt vielen schwer.

Ziel des Workshops:

Die bisherige Motivation für den eingeschlagenen Weg wird besprochen und anschließend mögliche Tätigkeitsfelder betrachtet. In Einzelcoachings werden individuelle Karrierepläne entwickelt und erste Schritte der Umsetzung konzipiert sowie konkretisiert, so dass die verbleibende Zeit bis zum Promotionsabschluss möglichst effektiv genutzt werden kann.

Kommunikation und Rhetorik



Date: 25.11. - 26.11.2021

Duration: 2 days

Time: 09:15 - 15:30

Room: Zoom

Max. number of participants: 12

Trainer: Gerhard Kranz

Course language: German

Course fees: 195,00 €

Sprachliche Werkzeuge

- Allgemeiner Kommunikationsablauf
- Die 4 Seiten einer Nachricht (nach Friedemann Schulz v. Thun)
- Das Insel-Modell (von Vera Birkenbihl)
- Zielklarheit
- Gewaltfreie Kommunikation
- Überzeugend Argumentieren
- Kommunikationsfallen
- Kommunikation im Online-Kontakt
- Interaktion in der virtuellen Welt gestalten

Die Körpersprache

- Körpersprache "lesen"
- Die Körpersprache im Vortrag
- Störungen meistern
- Konfliktbearbeitung
- Umgang mit Lampenfieber
- Körpersprache und Mimik in der Online-Welt

Ihr Nutzen:

Durch diese Fortbildung gewinnen Sie Selbstvertrauen und Professionalität für Präsentationen vor internem wie externem Publikum. Neben einer Vielzahl an Techniken wird auch Wissen über die bewusste Körpersprache und den sauberen Sprachstiel vermittelt, mit dem die Wirkung Ihres Vortrags gezielt unterstrichen wird.

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Poster Workshop

Dates: 29.11. - 30.11.2021

Duration: 2 days

Time: 09:00 - 16:30
09:00 - 12:15

Room: Zoom

Max. number of participants: 10

Trainer: Dr. Deborah Bennett

Course language: English

Course fees: 120,00 €

Making an impact with your poster

This workshop takes participants through the process of creating a research poster. It begins with guidance on developing an initial concept based on the individual research story and the target audience. Participants are then introduced to key techniques in scripting, layout and design. Finally, they learn how to develop a 60-90 second elevator pitch, deliver this to their peers, and receive individual feedback on their performance.