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AG Rapp

## Spring School: Kompetenzerhalt im Strahlenschutz

### “UV meets ionizing radiation: Exposure, Prevention, and Therapy”

April 27<sup>th</sup> - 29<sup>th</sup>, 2022

Schloss Mickeln, Düsseldorf

Addressed to:

PhD students and PostDocs in the fields of non-ionizing and ionizing radiation

Confirmed speakers:

Prof. Sebastian Adeberg	RadioOnkologie, Univ. Heidelberg
Prof. Petra Boukamp	IUF Düsseldorf/DKFZ Heidelberg
Prof. Achim Enders	TU Braunschweig
PD Dr. Benjamin Frey	Strahlenklinik Univ. Erlangen
Dr. Rüdiger Greinert	Elbe Kliniken Stade / Buxtehude
Dr. Andreas Kleinheinz	Dermatologie, Elbe Kliniken,
Dr. Alexander Rapp	TU Darmstadt
Prof. Hajo Zeeb	BIPS, Bremen
Dr. Beate Volkmer	Elbe Kliniken Stade / Buxtehude
Dr. Elizabeth Pavez Lorie	IUF Düsseldorf

Organized by the KAU VIR network, a consortium funded by the BMBF (KAUVIR 02NUK036)

## Tentative program

### Wednesday 27.04.2022

- 11:30 Opening of Registration
- 14:00 Welcome and Introduction
- 14:15 Exposure and prevention
- Radiation Protection in Germany (nn)
  - Known and speculative Molecular Mechanisms in the Field of Non-ionizing Radiation (A. Enders)
- 16:15 *Break*
- 16:45 • Biomarkers for radiation exposure and response (R. Greinert)
- 18:00 *Dinner*
- 20:00 **Keynote Lecture 1**  
From basic research to sun protection – nn

### Thursday 28.04.2022

- 09:00 Radiation and skin cancer models:
- The KAUVIR lamp: What makes the difference? (A. Rapp)
  - Skin cancer models for UV radiation (P. Boukamp)
  - Dermal stem cells: a new model for UV-induced malignant melanoma (M. Mhamdi-Ghodbani, S. Degenhardt)
- 11:00 **Poster session 1**
- 12:30 *Lunch*
- 13:30 Radiation therapy:
- Current methods in radiation therapy (S. Adeberg)
  - Immunotherapy in combination with radiotherapy – does this fit? (B. Frey)
- 15:30 *Break*
- 16:00 Radiation Epidemiology (H. Zeeb)
- 17:00 **Poster session 2**
- 18:30 *Dinner*
- 20:00 **Keynote lecture 2** (nn)

### Friday 29.04.2022

- 09:00 UV radiation:
- Impact of UV exposure on hairless mice (n.n)
  - UV therapy (A. Kleinheinz)
- 11:00 *Break*
- 11:30 Tutorial and wrap up (Pavez Lorie/Volkmer)
- 13:00 *Lunch and Departure*

## Registration

Registration is free of charge, but necessary for attending the “Spring School” and please note that registration is binding. As the number of participants is limited, early registration is recommended.

Registration Deadline is April 5<sup>th</sup>, 2022

**Please send Registration to: [p.boukamp@dkfz-heidelberg.de](mailto:p.boukamp@dkfz-heidelberg.de)**

For registration please state **Spring School 2022** in the subject-line and provide the following information:

Name

Status

Institution

Address - including Email and phone number

## Venue

### Schloß Mickeln

Conference and Guest house of the  
Heinrich-Heine University Düsseldorf

Alt Himmelgeist 25  
40589 Düsseldorf  
+49 211 601870-20



## Accommodation

Free board and lodging; all costs will be taken by the organizer. We have reserved a limited contingent of rooms directly at the conference location. This will allow to also spend the evenings in scientific discussion and gives additional time to address questions to the speakers.

As the number of single rooms is limited please indicate upon registration whether room sharing is possible.

Travel costs will be refunded upon request.

**All participants are requested to present a poster with their own radiation-related projects.** The design and the focus of the poster (e.g. conference style or detailed project plan) is facultative. **Title and abstract need to be submitted online together with the registration.**

For further questions, please contact: [p.boukamp@dkfz-heidelberg.de](mailto:p.boukamp@dkfz-heidelberg.de)

For up-dated information please visit [https://degbs.de/?page\\_id=7432](https://degbs.de/?page_id=7432)