

DRS *Biomedical Sciences*, Winter Term 2017/2018

Registration will be possible on Blackboard System, Start at October 17th, 2018

4th Spring School DRS Biomedical Sciences: 26.2. – 9.3.2017 ► Program

| Course No. | Course title, course volume, course dates/timeline, participants limitation, place, address | Instructor |
|------------|---|------------|
|------------|---|------------|

General Skills

| | | |
|------------|---|-----------|
| G 2 | Oral Presentations: Don't bore, just fascinate your audience, 8 h, min. 6 part. 19th and 20th April, 12:00 – 16:00 h each Seminar room, Dekanat, Oertzenweg 19b, house no. 4, 14163 Berlin (Düppel) | Heuwieser |
| G 3 | Theory of Science I: Hypotheses and models – on the explanatory power of scientific suppositions in the life sciences, 8 h, Max. 25 part. , Course I: 27.11. – 1.12.2017, 10:00 – 17:00 each Course II: 22. and 23. January 2018, 10:00 – 17:00 h each Seminar room, Leibniz Institute for Zoo and Wildlife Research, Alfred-Kowalke-Straße 17, 10315 Berlin | Hofer |
| G 4 | Introductory course: Solving problems in biostatistical analysis and experimental design in the life sciences, 1 SWS, max. 15 part. (own questions will be welcome), Mon. to Fri 5.2.. – 9.2..2018, 14:00 to 19:00 each Lecture hall, Leibniz Institute for Zoo and Wildlife Research, Alfred-Kowalke-Straße 17, 10315 Berlin | Hofer |
| G 6 | Theory of Science II: Recognising the determinants of your approach to scientific questions: female and male viewpoints in biology and (veterinary) medicine, 8 h, min. 6 part. Mon., Tue. 29th and 30st of January 2018 , 14:00 – 19:00 h each , Seminar room, Leibniz Institute for Zoo and Wildlife Research, Alfred-Kowalke-Straße 17, 10315 Berlin | Hofer |

Specific Skills

| | | |
|--------------|--|-------------------------------|
| S 01a | „Pain”, Lecture, 3 h, max. 50 part. Block instruction 23.01.2018, 15:00 - 18:00 , seminar room D084, Koserstr. 20, 14195 Berlin Histology Hall (Institute of Veterinary Anatomy) | Hopperdietzel, Müller, Plendl |
| S 02a | Basics of Cell Culture , seminar and practical training, 8 h, 2 terms, each 4 h, max. 9 part., 17th of May 2018, 13:00 - 17:00, and 18th of May 2018 ; 9:00 – 13:00 h , Veterinär-Physiology, Oertzenweg 19b, 14163 Berlin | Amasheh |
| S 04a | Basics and innovations in piglet nutrition , max. 20 part. 8 x 45 min, 14. And 15.2.2018, each 10.00 – 14.00 h Institute of Animal Nutrition, Königin-Luise-Str. 49, Building 4, 14195 Berlin | Zentek |
| S 05b | Fluorescence in situ Hybridization (FISH), Seminar, 1½ SWS, 5.-9.2.2018, 9:00—17:00 h , Max. 8, Düppel, Institute for Virology, Robert-von-Ostertag-Str. 7-13, Gebäude 35, 14163 Berlin postponed to SoSe18 | Kaufer |
| S 05d | Antiviral vaccine and Medicaments , lecture, 2 h, Max. 30, during Spring School! , Düppel, Veterinarium Progressum, 28.2.2018 | Veit |
| S 07c | Emerging Exotic Zoonoses , 8 h, Seminar, excursion lab. and mausoleum 22. and 23.2.2018 , 9:00 , min. 5, max. 30, Robert-Koch-Institute, Nordufer 20 (meeting point), 13353 Berlin | Leendertz |
| S 07g | „Regulation of gene expression in prokaryotes“. lecture, 2 h, max. 30 part., Düppel, during Spring School 1st of March, 2018, Düppel, Veterinarium Progressum | Fulde |
| S 10b | Technics in Proteomics – 2D/DIGE & MALDI-TOF , two days seminar with theoretical and practical part, 8 h, min. 3, max. 6 part., 21.2. 10:00 – 16:00 + 22.2.2018 , 8:30 – 15:00 Institute for Animal Hygiene | Murugaiyan |

| | | |
|-------|---|------------------|
| S 10c | Environmental aspects of antibiotic resistant microorganisms , 3 h, min. 3, max. 15 part., 23.3.2018, 13:00 – 16:00 , Institute for Animal Hygiene, room will be announced | Rösler and staff |
| S 12c | Molecular Basis of Cancer , Seminar, 2 h, max. 20 part., during 4th Spring School, 28.2.2018 Düppel, Veterinarium Progressum, | Gruber |
| S 13a | Molecular, biochemical and physiological peculiarities of nematodes with particular emphasis on parasitic groups , 1 SWS, 8-12 participants, Seminar: 2 days, 9 a.m. – 3 p.m. 13. + 14.3.2018 – Düppel, Institute for Parasitology and Tropical Veterinary Medicine room 042, R.-von-Ostertag-Str. 15, room 162 | Krücken |
| S 20a | Presumed to be inherited ocular diseases in dogs and cats , 1 SWS, min. 5, max. 10 part., by arrangement , Düppel Oertzenweg 19b, Clinic for Small Animals, library | Eule |
| S 20b | Der Tränenfilm in Klinik und Forschung , 1 SWS, min. 5, max. 15 part., by arrangement , Düppel Oertzenweg 19b, Clinic for Small Animals, library | Eule |

monthly or weekly Seminars

| | | |
|-------|---|---|
| S 03b | Animal Biochemistry Seminary/ Tierbiochemisches Seminar , 2 SWS, weekly Fri. 9:00-10:30, Start: 10.11.17 – 2.2.2018 | Einspanier |
| S 05f | Molekulare Virologie , Seminar, 1 SWS, max. 40 part., every Thu, 13:00-14:30, Raum 046, Düppel, Institute for Virology, Robert-von-Ostertag-Str. 7-13, Gebäude 35, , 14163 Berlin | Osterrieder, Kaufer |
| S 06d | Berlin Parasitology Seminar , Monthly seminar with invited guest speakers), 2 h each; dates and place will be announced in the Blackboard , Düppel or Mitte, Veterinarium Progressum or Humboldt Graduate School | S. Hartmann, Steinfelder, von Samson-Himmelstjernal |
| S 07b | Cellular Microbiology of Veterinary Bacterial Pathogens (Makrophagen als Bakterien-Shuttle: wie bakterielle Pathogene die Phagozytose missbrauchen), (1 SWS), min. 5, max. 30 participants, 2nd half of semester, Friday, 14:30 – 16:00 , Düppel, Institute for Microbiology and Epizootics, Robert-von-Ostertag-Str. 7-13, Gebäude 35, R164, 14163 Berlin | Tedin |
| S 12e | AFIP Wednesday Slide Conferences , Seminar, (1 SWS, max. 7 participants) Weekly, day by prior arrangement ; Düppel Robert–von–Ostertag–Str. 15, seminar room (Veterinary Pathology) | Kershaw, Mundhenk |
| S 17d | Seminar “Equine Surgery” , Seminar, 1 SWS, max. 10, Thursday 07:00, Start: 18.10. , Library, Clinic for Horses, Oertzenweg 19b, 14163 Berlin | Lischer |
| S 17e | Seminar “Equine internal medicine” , Seminar, 2 SWS, max. 10, Wen. 14:00, Start: 17.10. , Library, Clinic for Horses, Oertzenweg 19b, 14163 Berlin | Gehlen |

Journal and Data Clubs

| | | |
|-------|--|-------------------------|
| S 02b | Journal Club: Cell and Epithelial Transport Mechanisms , 1 SWS, max. 5, Thursday every 2 weeks 9:00 Start: ?? . – Düppel seminar room Veterinary Physiology, Oertzenweg 19b, 14163 Berlin | Zakrzewski |
| S 06e | Journal Club Immunologie , 1 SWS, Thursdays, 17:00 – 18:00 Start: ?? . Program ?? – Düppel Seminar room 244 (2nd floor), Institute of Immunology, Robert-von-Ostertag-Str. 7-13, House 35, 14163 Berlin | Hartmann and co-workers |
| S 12f | Journal Club „Diagnostic Veterinary Pathology“ , 2 SWS, max. 20 part., Tue, every two weeks 14:00-15:30, Start: 17.10.2017 (Düppel, Robert–von–Ostertag–Str. 15, seminar room (Veterinary Pathology) | Gruber, Mundhenk |
| S 13c | Journal Club Veterinary Parasitology , 2 SWS, max. 20 part., (also during semester break) Mon 15:00 – 16:00, Start: 6.11.2018. ; Düppel, seminar room, Institute for Parasitology, Robert-von-Ostertag-Str. 7-13, Gebäude 35, 14163 Berlin | Nijhof, Krücken |
| S 17a | Journal Club “Equine Surgery and Orthopaedia” , Seminar, 2 SWS, max. 30 part., Wen. 07:15 – 8:00, Start: 18.10. , Library, Clinic for Horses, Oertzenweg 19b, 14163 Berlin | Lischer |
| S 17b | Journal Club “Equine Reproduction” , Seminar, 2 SWS, max. 30 part., | Handler |

| | | |
|-------|--|--------|
| | direct contact for arrangement: johannes.handler@fu-berlin.de , Pferdezentrum Bad Saarow, Silberberg 1, 15526 Bad Saarow | |
| S 17c | Journal Club “Internal Medicine” , Seminar, 2 SWS, max. 10 part., Wen. 14:00 – 15:00, Start: 18.10. Library, Clinic for Horses, Oertzenweg 19b, 14163 Berlin | Gehlen |
| S 17d | Book Club “Internal Medicine” , Seminar, 2 SWS, max. 10 part., Wen. 14:00 – 15:00, Start: 18.10. Library, Clinic for Horses, Oertzenweg 19b, 14163 Berlin | Gehlen |
| S 20d | Journal Club „Veterinary Ophthalmology“ , ½ SWS, max. 10 part., Mon. every 2 weeks 16:30 - 17:10, dates will be announced – Düppel Oertzenweg 19b, Clinic for Small Animals, Library | Eule |

Practical Training

| | | |
|--------|---|--|
| S 01b | Advanced course of Cell Culture - „Application of ischemia, hypoxia and hypoglycemia in vitro“ , seminar and practical training, 16.1.2018, 14:00 -17:30 4 h, max. 12 part., Veterinary Anatomy, Koserstraße 20, 14195 Berlin - for all, who had participated in the course "Basics of Cell Culture" only | M. Bahramsoltani |
| S 06b | Applied Flow Cytometric , Seminar, 2 SWS, 8 – max. 12 part. Practical course, as a Block: Daten?; 10:00 – 18:00; Düppel, Institute for Immunology, Robert-von-Ostertag-Str. 7-13, Gebäude 35, 14163 Berlin This course will be not available any longer | Hartmann, Rausch, Steinfeldner |
| S 06f | Screening and molecular cloning of genes of interest , practical training, 1 SWS, max. 8 part. , 2 days practical course 5. And 6th of July 2018; each 09:00-14:00 Düppel, Institute for Immunology, Robert-von-Ostertag-Str. 7-13, Gebäude 35, 14163 Berlin room R236 | Hartmann |
| S 07i | Veterinary medical diagnostics , practical training, 1 SWS, daily 17:00 Institute for Microbiology and Epizootics, Robert-von-Ostertag-Str. 7-13, Gebäude 35, 14163 Berlin | Lübke-Becker and staff |
| S 12d | Case Discussions in Veterinary Pathology , Seminar, 2 SWS, max. 20 part., daily 12:30-13:30, (Start 18.10.17) , Düppel Robert–von–Ostertag–Str. 15, „Sektionshalle“ (Veterinary Pathology) | A. Gruber, R. Klopffleisch, O. Kershaw, L. Mundhenk |
| S BfR1 | Whole Genome Sequencing (WGS) for foodborne pathogen surveillance and outbreak investigation , seminar and practical training, 5 Days, 19.2.-23.02.2018 max. 6 -8 part., Bundesinstitut für Risikobewertung, Unit Molecular Microbiology and Genome Analysis, House 3, Room B226, Diedersdorfer Weg 1, 12277 Berlin | PD Dr. B. Malorny, Dr. J. A. Hammerl, Msc. M. Borowiak, Dr. C. Deneke, Dr. J. Gruetzke, Dr. J. Fischer |

Specific lectures — Integrated Research Training Group SFB 958:

The Integrated Research Training Group in the Collaborative Research Group (SFB) 958 "Scaffolding of Membranes - Molecular Mechanisms and Cellular Functions" offers lecture series and courses with special efforts to their fields of research.

Information: <http://www.sfb958.de/en/index.html>

Specific lectures — Integrated Research Training Group SFB 1112:

The Integrated Research Training Group in the Collaborative Research Group (SFB) 1112 "Nanocarriers: Architecture, Transport, and Topical Application of Drugs for Therapeutic Use" offers lecture series and courses with special efforts to their fields of research.

Information: <http://www.sfb1112.de/en/Graduiertenkolleg/index.html>

Specific lectures — Integrated Research Training Group TR-84:

The Transregional Collaborative Research Center SFB-TR 84 - "Innate Immunity of the Lung: Mechanisms of Pathogen Attack and Host Defence in Pneumonia" offers lecture series and courses with special efforts to their fields of research.

Information: <http://www.sfb-tr84.de/research-program/>

Specific lectures — Integrated Research Training Group BB3R:

The Collaborative Research Center "Innovations in the 3R Research - Genetic Engineering, Tissue Engineering and Bioinformatics" offers lecture series and courses with special efforts to their fields of research.

Information: <http://www.bb3r.de/en/graduierntenkolleg/index.html>

Specific lectures — Integrated Research Training Group 2046:

The Research Training Group 2046 "Parasite Infections: From Experimental Models to Natural Systems" offers lecture series and courses with special efforts to their fields of research. Information: [http://www.vetmed.fu-](http://www.vetmed.fu-berlin.de/en/einrichtungen/institute/we06/grk2046/index.html)

[berlin.de/en/einrichtungen/institute/we06/grk2046/index.html](http://www.vetmed.fu-berlin.de/en/einrichtungen/institute/we06/grk2046/index.html)

----- **Transferable Skills of the Dahlem Research School**

The Dahlem Research School offers courses of general topics in the fields of Academic Performance (Research Integrity, Publication & Presentation, Teaching), Management Competencies (Technical Skills, Organizational Skills, Interpersonal Skills), Career Development (Career Exploration, Job Application, Training for the Job), as well as Open Door Lectures and Career Talks. Also language courses will be offered (German and English). **From the winter term 2014/2015 these courses will cost 100,00 Euro per day (8 h). Please ask your supervisor, your scholarship council, or the graduate college of your project, how many course days will they pay for you before you will register for these courses. It would be very helpful if you will send this information directly to angela.daberkow@fu-berlin.de. The DRS Biomedical Sciences have no money available for your participation at the Transferable Skills.**

For registration to these courses, please go directly to the website of the Dahlem Research School: [http://www.fu-](http://www.fu-berlin.de/en/sites/promovieren/drs/qualification/skills_teaser/index.html)

[berlin.de/en/sites/promovieren/drs/qualification/skills_teaser/index.html](http://www.fu-berlin.de/en/sites/promovieren/drs/qualification/skills_teaser/index.html)

General information for international PhD candidates: [http://www.fu-](http://www.fu-berlin.de/en/sites/promovieren/international/inhaltselemente_rd/fu_bright/index.html)

[berlin.de/en/sites/promovieren/international/ inhaltselemente rd/fu_bright/index.html](http://www.fu-berlin.de/en/sites/promovieren/international/fubright-willkommen/index.html)

Please have a look at our program: <http://www.fu-berlin.de/en/sites/promovieren/international/fubright-willkommen/index.html>. The links will take you to our course booking system (<https://www.drs.fu-berlin.de>). Before your first course booking, you have to register for the system. If you are an international doctoral candidate at Freie Universität Berlin and interested in workshops, information and cultural events, we invite you to sign up for our FUBright Mailing List (see first link above). These FUBright offers are free of charge.

German courses: <http://www.fu-berlin.de/en/sites/promovieren/international/fubright-willkommen/deutschkurse/index.html>