

## Courses DRS – Biomedical Sciences WiSe2018/19

Dept. Vet.Med. and Dept. Biology, Chemistry, Pharmacy FU Berlin, incl. Graduate Schools

5th SpS	5th Spring School 4.3. – 15.3.2019 see Final Program	max. 30 participants, 3 SWS	Veterinarium Progressum, Oertzenweg 19b, house no 9, 14163 Berlin (Düppel)
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### General Skills (for 1<sup>st</sup> and 2<sup>nd</sup> Year of studies)

G 2	<b>Theory of Science I: Hypotheses and models – on the explanatory power of scientific suppositions in the life sciences</b> , 12 h, Max. 25	Hofer	Mon and Tue, <b>21. + 22.1.2019</b>  14:00 – 19:00 h each	Seminar room, Leibniz Institute for Zoo and Wildlife Research, Alfred-Kowalke-Straße 17, 10315 Berlin
G 3a	<b>Introductory course: Solving problems in biostatistical analysis and experimental design in the life sciences</b> , 1 SWS, Max. 15 (eigene Probleme erwünscht)	Hofer, Curtiol	Mon. to Fri <b>26. – 30.11.2018</b>  10:00 to 17:00 each	Lecture hall, Leibniz Institute for Zoo and Wildlife Research, Alfred-Kowalke-Straße 17, 10315 Berlin
G 3b	<b>Introductory course: Solving problems in biostatistical analysis and experimental design in the life sciences</b> , 1 SWS, Max. 15 (eigene Probleme erwünscht)	Hofer, Curtiol	Mon. to Fri <b>4. – 8.2.2019</b>  10:00 to 17:00 each	Lecture hall, Leibniz Institute for Zoo and Wildlife Research, Alfred-Kowalke-Straße 17, 10315 Berlin
G 5	<b>Theory of Science II: Recognising the determinants of your approach to scientific questions: female and male viewpoints in biology and (veterinary) medicine</b> 12 h, Max. 25	Hofer	Mon and Tue, <b>28. + 29.1.2019</b>  14:00 – 19:00 h each	Seminar room, Leibniz Institute for Zoo and Wildlife Research, Alfred-Kowalke-Straße 17, 10315 Berlin
G 6	<b>Seminar zu Literaturrecherche, Literaturverwaltung und Arbeiten mit MS Word (in Deutsch, in English if there are enough participants)</b> , 9 h, Min. 6 part.	Ripp	3 days, 3 h each, Days/Theme/Language see homepage Library; English separatly	Veterinary Library, Oertzenweg 19b, 14163 Berlin
G 9	<b>Open-Access, Seminar</b> , 2 h, Min.6, max. 10	Wenniger (FUB)	tba	Düppel, Library

### General Skills (for the 3rd Year only!)

G 10	<b>Einführungskurs Didaktik für Neulehrende (in Deutsch)</b> 8 h, Mind. 6, Max. 12	Bharamsoltani	<b>9.10.2018, 10:00 – 17:00</b> (als Block, Beginn jedes WiSe)	Institut für Anatomie, Koserstraße 20, Seminarraum
G 11	<b>Wie baue ich E-Learning in meine Lehre ein (am Beispiel Tetfolio), Workshop in Deutsch</b> , 1 x 2 h, 1 x > 3 h, Mind. 6, Max. 12	Sommerer	Block an zwei folgende Tagen im Mrz/Apr jedes WiSe, <b>tba</b>	Düppel, PC-Pool

## Specific Skills:

### *Courses and practical trainings as a block*

S 01a	„Pain” Lecture, 3 h, max. 50	Müller, Plendl, Bäumer	<u>22.01.2019, 13:00-16:00 Uhr</u> , Block instruction	Koserstr. 20, 14195 Berlin Histology Hall (Institute of Veterinary Anatomy)
S 02a	<b>Cell and Epithelial Transport Mechanisms, Lecture and Lab. Course</b> , 1 ½ SWS, max. 20	Stumpff, Sponder	Two whole days, <b>Dec 4 &amp; Dec 5, 2018</b> , 9:00 – 17:30 h	Veterinär-Physiology, Oertzenweg 19b, 14163 Berlin
S 02b	<b>Basics of Cell Culture, seminar and practical training</b> , 8 h, Max. 10	Amasheh	2 terms, each 4 h,	Düppel seminar room Veterinary Physiology, Oertzenweg 19b
S 04a	<b>Basics and innovations in piglet nutrition</b> , ½ SWS, Max. 20	Zentek	Block seminar, 2 days, 4 h each, <b>12. and 13.2.2019, start 12 :00, 4 h each</b>	Institute of Animal Nutrition, Königin-Luise-Str. 49, 14195 Berlin
S 04b	<b>Nutrition and health impact in farm animals</b> , 1 SWS, Max. 10	Zentek	Block instruction, <del>6.2.2019, 13:00 – 16:00</del> <b>will be postponed to a later date in summer time</b>	Institute of Animal Nutrition, Königin-Luise-Str. 49, 14195 Berlin
S 05a	<b>En passant Mutagenesis – Playing with DNA-Virus Sequences</b> , 1 SWS, max. 3	Kaufer	3 terms for full day: Mon., Wed. and Fri.	Düppel, Institute for Virology, R-v-O-Str. 7-13, Gebäude 35
S 05d	<b>Antiviral vaccine and medicaments, seminar</b> , 4 h, Max. 10	Veit	by arrangement, 2nd half of semester	Düppel, Institute for Virology, R-v-O-Str. 7-13, Gebäude 35, 14163 Berlin
S 06a + S 06b	<b>Applied Flow Cytometrie, Practical course</b> , 12 h, max. 6, two courses each semester	Rausch	Block: 1 full day; 9:00 – 18:30	Düppel, Institute for Immunology, R-v-O-Str. 7-13, Gebäude 35
S 07c	<b>Emerging Exotic Zoonoses, Seminar, excursion lab. and mausoleum</b> , ½ SWS, min. 5, max. 30	Leendertz	As a block, Date will be announced	Robert-Koch-Institute, Nordufer 20, 13353 Berlin
S 07d	„ <b>Bacterial Infections of the neonate host</b> “, lecture, 2 h, min. 5,	Fulde	tba max. 30	Institute for Microbiology and Epizootics
S 07f	<b>Basics of antimicrobial susceptibility testing of bacteria from animals: New developments and how to prevent commonly made mistakes</b> , 2 h, Min. 5	Schwarz	by arrangement max. 30	Institute for Microbiology and Epizootics
S 07g	<b>Bacterial resistance to antimicrobial agents: Resistance mechanisms and dissemination of resistance</b> , 2 h, min. 5,	Schwarz	by arrangement max. 30	Institute for Microbiology and Epizootics
S 07h	„ <b>Antimicrobial susceptibility testing of bacterial pathogens, practical training</b> “, 40 h, Min. 5, max. 8	Schwarz, Fessler, Schug, Scholtzek	5 days, As a block, tba	Institute for Microbiology and Epizootics
S 07i	<b>Veterinary medical diagnostics, practical training</b> , 1 SWS	Lübke-Becker and staff	daily 17:00	Institute for Microbiology and Epizootics

S 08a-2	<b>Application of bacteriophages to combat pathogenic microorganisms, practical course,</b>	Orquera, Hammerl (BfR)	3 ½ days, <b>24. – 27.9.2018</b> , <b>Max 6 Participants</b>	Düppel, Institute for Food Hygiene, Königsweg 69, Seminar room + Lab.,
S 10c	<b>„Environmental aspects of antibiotic resistant microorganisms“, practical and theoretical training, 3 h, Max 4</b>	Macarowa	by arrangement	Institute for Animal Hygiene, Düppel, room will be announced
S 12a	<b>Digitisation, Digital Pathology, Pattern Recognition, Seminar, 4 h Max. 20</b>	Klopfleisch	by arrangement  9.00 – 13.00	Düppel Robert-von-Ostertag-Str. 15, seminar room (Veterinary Pathology)
S 12c	<b>Molecular Basis of Cancer, Seminar, 4 h, Max. 20</b>	Gruber	by arrangement	Düppel Robert-von-Ostertag-Str. 15, seminar room (Veterinary Pathology)
S 14a	<b>Principles of immune Pharmacology, lecture, 2 h, max. 5 part.</b>	Bäumer	tba	Koserstr. 20, Institute for Pharmacology and Toxicology
S 16a	<b>Training school: Network engineering and data analysis, seminar, 8 h, Min. 6, max 12</b>	Belik	as a Block, 2 x 4 h each, tba, for the 2nd year of studies	Institute for Vet. Epidemiology and Biostatistics
S 20a	<b>Stem Cells as a Therapie method, lecture, 2 h, min. 5, max. 10</b>	Böttcher	by arrangement	Düppel Oertzenweg 19b, Clinic for Small Animals, library
S IZW1	<b>Retroviruses and Retroelements, Ancient DNA, Wildlife Diseases and Next Generation Sequencing Methods, 2 h,</b>	Alex Greenwood	By arrangement, talks during Spring School max. 30	Leibniz Institute for Zoo and Wildlife Research, Alfred-Kowalke-Str. 17, 10315 Berlin
S BCP1	<b>BCOP Assay (Bovine Corneal Opacity and Permeability Assay, seminar and practical training, 1 SWS, max. 10</b>	Vivian Kral	2 days, by arrangement	Dahlem, Institute of Pharmacy, Königin-Luise-Str. 2+4, seminar room and lab
BB3R	<b>Webinar “ Alternativen zu Tierversuchen in der Forschung und Lehre – Refine, Reduce &amp; Replace“, each 2 h,</b>	Thöne-Reinecke (WE11), BB3R	Program attached, Thursday 14:30 – 16:00 without limitation	Dahlem, Institute of Pharmacy, Königin-Luise-Str. 2+4, seminar room 1 (online participation)
S BfR 1	<b>Whole Genome Sequencing (WGS) for foodborne pathogen surveillance and outbreak investigation, seminar and practical training, Program: <a href="#">Konzept NGS Kurs final.docx</a></b>	Malorny, Hammerl, Deneke, Borowiak, Grützke, Tausch	As a Block, 5 days, tba <b>(will be planned between 19.2. and 22.2.2019)</b> max. 6 part	Bundesinstitut für Risikobewertung (BfR), Unit Molecular Microbiology and Genome Analysis, House 3, Room B226, Diedersdorfer Weg 1, 12277 Berlin

### monthly or weekly Seminars

S 03b	<b>Animal Biochemistry Seminary/ Tierbiochemisches Seminar, 2 SWS</b>	Einspanier	weekly Fri 9:00-10:30 max. 10	Düppel, Oertzenweg 19b, seminar room (Veterinary Biochemistry)
S 05e	<b>Seminars in Virology</b> (Seminar for Postgraduate Students and staff), 1 SWS	Osterrieder, Käufer, Veit	Mon. 14:00 (90 Min.) every 2 weeks, Min. 6	Düppel, Institute for Virology, Robert-von-Ostertag-Str. 7-13
S 06c	<b>Current Research Topics in Infection Immunology</b> (for Postgra. Stud.and IM-staff), 1 SWS	Hartmann	Fri 10.00-11.00 Every week, max. 8	Düppel, Institute for Immunology, Robert-von-Ostertag-Str. 7-13,

S 06e	<b>Berlin Parasitology Seminar</b> , Monthly seminar, invited guest speakers): Program 2018, 1 SWS	S. Hartmann, von Samson-Himmelstjernal	11.9.; 16.10.; 13.11. and 11.12.2018; Tue 5 pm. ; 35	Düppel or Mitte, Veterinarium Progressum or Humboldt Graduate School
S RvO	<b>„Berlin Seminar for Resistance Research 2018“</b> , 2 h each	Hartmann, Fulde	Program, Max. 25	<b>Robert-von-Ostertag-Haus (RvO)</b> ,Raum 042) Robert-von Ostertag-Str. 7-13, 14163 Berlin <b>Veterinarium Progressum (VP)</b> - Oertzenweg 19b, 14163 Berlin; <b>5pm</b>
S 07j	<b>Research topics in veterinary microbiology</b> , seminar, 1½ SWS	Schwarz, Fulde, Tedin, Lübke-Becker	Fri, , 9.00 – 10.00 h	Institute for Microbiology and Epizootics
S 12d	<b>Case Discussions in Veterinary Pathology</b> , Seminar, 1 SWS	Gruber, Klopffleisch, Kershaw, Mundhenk	Tue, every two weeks 14:00-15:30 by arrangement, Max. 20	Düppel Robert–von–Ostertag–Str. 15, „Sektionshalle“ (Veterinary Pathology)
S 12e	<b>AFIP Wednesday Slide Conferences</b> , Seminar 1 SWS	Gruber	7:00-8:00, every week, alternating days by arrangement. Max. 20	Vet. Pathology, Robert–von–Ostertag–Str. 15, seminar room
S 17d	<b>Seminar “Equine Surgery”</b> , Seminar, 1 SWS	Lischer	Thurs. 07:00, Max. 10	Room 116 (Seminarraum 3), 1 <sup>st</sup> floor Equine Clinic
S 17e	<b>Seminar “Equine Medicine”</b> , Seminar, 2 SWS	Gehlen	Thursday 8.15-8.45, Max. 10	Room 116 (Seminarraum 3), 1 <sup>st</sup> floor Equine Clinic

### Journal and Data Clubs

S 02c	<b>Journal Club: Cell and Epithelial Transport Mechanisms</b> , 1 SWS	Sponder	Thur. every 2 weeks 9:00 Max. 5	Düppel seminar room Veterinary Physiology, Oertzenweg 19b,
S 12f	<b>Journal Club „Diagnostic Veterinary Pathology“</b> , Seminar, 2 SWS	Gruber, Mundhenk	Tue, every two weeks 14:00-15:30 by arrangement. Max. 20	Düppel Robert–von–Ostertag–Str. 15, seminar room (Veterinary Pathology)
S 13e	<b>Journal Club Veterinary Parasitology</b> , 2 SWS	von Samson-Himmelst., Krücken, Clausen, Nijhof	(also during semester break) Mon 16:30 – 18:00 max. 20	Düppel, seminar room, Institute for Parasitology
S 17a	<b>Journal Club “Equine Surgery and Orthopaedia”</b> , Seminar, 2 SWS	Lischer	Tue. 07:15 , Max 30	Room 116 (Seminarraum 3), 1 <sup>st</sup> floor Equine Clinic
S 17b	<b>Journal Club “Equine Reproduction”</b> , Seminar, 2 SWS	Handler	Fri. 15:00, Max 30	Pferdezentrum Bad Saarow, Silberberg 1, 15526 Bad Saarow
S 17c	<b>Journal Club “Internal Medicine”</b> , Seminar, 2 SWS	Gehlen	Tuesday 8.15-8.45, Max 10	Room 116 (Seminarraum 3), 1 <sup>st</sup> floor Equine Clinic
S 17d	<b>Book Club “Internal Medicine”</b> , Seminar, 2 SWS	Gehlen	Monday 8.15-8.45, Max 10	Room 116 (Seminarraum 3), 1 <sup>st</sup> floor Equine Clinic
S 20d	<b>Journal Club „Veterinary Ophthalmology“</b> , ½ SWS	Eule	Mon. every 2 weeks	– Düppel Oertzenweg 19b, Clinic for Small Animals
S 20e	<b>Journal Club “Small Animal Internal Medicine / Oncology / Dermatology / Intensive Care Medicine”</b> , 1 SWS	Kohn	Mi 7.00-7.45 , max. 10	– Düppel Oertzenweg 19b, Clinic for Small Animals