

## Posterbeiträge bei Bier und Brezeln

3. Dezember 2018, Foyer, Arnimallee 22

### Institut für Biologie

Nr.	Titel	Arbeitskreis
1	<i>Plant Epigenetics – how plants remember</i>	Prof. Dr. D. Schubert
2	<i>Theoretische Ökologie: Computermodelle können helfen Ökosysteme zu verstehen</i>	Prof. Dr. B. Tietjen
3	<i>Song learning in zebra finches</i>	Dr. D. Vallentin
4	<i>Pflanzenphysiologie</i>	Prof. Dr. M. Baier
5	<i>Ecological Novelty</i>	Prof. Dr. J. Jeschke
6	<i>Role of gene regulatory changes in human evolution</i>	Prof. Dr. K. Nowick
7	<i>Disease Evolutionary Ecology</i>	Prof. Dr. J. Wolinska
8	<i>Adaptation strategies of the human pathogen <i>Staphylococcus aureus</i> under infection conditions</i>	Prof. Dr. H. Antelmann
9	<i>Chemical and Molecular Ecology of Plant – Insect Interactions</i>	Prof. Dr. M. Hilker
10	<i>The plant, fungal and soil ecology lab</i>	Prof. Dr. M. C. Rillig
11	<i>N.N.</i>	Prof. C. Scharff, Ph.D.
12	<i>Plant-Insect-Interactions</i>	Prof. Dr. A. Steppuhn
13	<i>Neural Circuits for Learning and Coordinating Vocalizations</i>	Dr. D. Vallentin
14	<i>Cellular dissection of polarization vision circuitry in the <i>Drosophila</i> optic lobes</i>	Prof. Dr. M. Wernet
15	<i>From insect evolution to drug resistance</i>	Prof. Dr. J. Rolff
16	<i>Priming and Memory of Organismic Responses to Stress</i>	SFB 973

### Institut für Chemie und Biochemie

Nr.	Titel	Arbeitskreis
17	<i>Coordination chemistry with radioactive metal ions</i>	Prof. Dr. U. Abram
18	<i>The fellowship of the N-donor ligands: One metal to cleave them all – Cleavage of DNA and proteins by Cu(II) complexes</i>	Jun.-Prof. Dr. N. Kulak
19	<i>Phosphorus Chemistry: From Fundamentals to Applications</i>	Prof. Dr. C. Müller
20	<i>Recent Findings in Polyhalide and Fluorine Chemistry</i>	Prof. Dr. S. Riedel
21	<i>Where Catalysis and Switchable Molecular Materials Meet (Spectro-)Electrochemistry</i>	Prof. Dr. B. Sarkar
22	<i>Anorganische Festkörper- und Materialchemie – Auf der Jagd nach dem <math>[\text{FeS}_3]^{4-}</math></i>	Dr. G. Thiele
23	<i>New directions in inorganic fluorine chemistry</i>	Dr. M. Malischewski
24	<i>From the Development of New Methods to Natural Product Syntheses</i>	Prof. Dr. M. Christmann
25	<i>Macromolecular Drug Delivery Systems</i>	Prof. Dr. R. Haag
26	<i>Peptide und Protein Engineering</i>	Prof. Dr. B. Kocsch
27	<i>Supramolekulare Chemie – Aus der Lösung auf Oberflächen und in die Gasphase</i>	Prof. Dr. C. Schalley
28	<i>Homogene Übergangsmetallkatalyse: Neue Methoden und Mechanismen</i>	Jun.-Prof. Dr. C. Tzschucke
29	<i>Biomoleküle in der Gasphase</i>	Prof. Dr. K. Pagel
30	<i>Thermoresponsive Poly(glycidyl ether) Coatings as “Smart” Tissue Culture Substrates</i>	Dr. M. Weinhart
31	<i>Naturstoffsynthese als Motor für methodische und technische Innovation</i>	Jun.-Prof. Dr. P. Heretsch
32	<i>Research in the Hopkinson Group: Organofluorine and Photochemistry</i>	Jun.-Prof. Dr. M. Hopkinson
33	<i>Synthese und biophysikalische Charakterisierung makromolekularer Systeme</i>	Dr. S. Block

34	<i>Methods and materials development for electrochemical energy technologies</i>	Prof. Dr. C. Roth
35	<i>Nanoparticles in Fundamental and Applied Research</i>	Prof. Dr. E. Rühl
36	<i>Chemische Prozesse an Festkörperoberflächen</i>	Prof. Dr. T. Risse
37	<i>Quantum Chemical Calculations for Molecules, Surfaces and Solids</i>	Prof. Dr. B. Paulus
38	<i>Molecules Move</i>	Prof. Dr. B. Keller
39	<i>Unravelling Hidden Energy Pathways via Modelling of Biological Chromophores</i>	Dr. J. Götze
40	<i>Systematic Theoretical Study of Complete Classes of Compounds</i>	Dr. D. Andrae
41	<i>Theoretical Chemistry: Spectroscopy and Electron Dynamics of Nanostructured Material in Various Environments</i>	Dr. A. Bande
42	<i>Chemie-Lehrer*in werden und Chemieunterricht erforschen</i>	Prof. Dr. C. Bolte
43	<i>Zooming into Golgi biology with super-resolution imaging</i>	Jun.-Prof. Dr. F. Bottanelli
44	<i>Death of mRNA: Molecular mechanisms of mRNA degradation</i>	Jun.-Prof. Dr. S. Chakrabarti
45	<i>Nanoscope organization of the membrane cytoskeleton</i>	Prof. Dr. H. Ewers
46	<i>Compositional and conformational dynamics of antigen presentation</i>	Prof. Dr. C. Freund
47	<i>Alternative splicing in four dimensions: how, where, when and why?</i>	Prof. Dr. F. Heyd
48	<i>Signal transduction of TGF<math>\beta</math>/BMP in tissue repair</i>	Prof. Dr. P. Knaus
49	<i>Mechanisms of carbohydrate recognition during viral infection</i>	Dr. U. Neu
50	<i>Subcellular ion transport - from biophysics to physiology</i>	Dr. T. Stauber
51	<i>It's the niche that matters – controlling cell fate in development and disease</i>	Prof. Dr. S. Stricker
52	<i>Structural biochemistry</i>	Prof. Dr. M. Wahl

### **Institut für Pharmazie**

<b>Nr.</b>	<b>Titel</b>	<b>Arbeitskreis</b>
53	<i>Finding the Needle in the Haystack – Pharmaceutical Analysis of Complex Mixtures</i>	Prof. Dr. M. Parr
54	<i>Functional Colloids and Nanomaterials</i>	Prof. Dr. D. Klinger
55	<i>Clinical Pharmacy at FU Berlin – to foster rational use of medicine</i>	Prof. Dr. C. Kloft
56	<i>Forschungsschwerpunkte Pharmazeutische Biologie</i>	Prof. Dr. M. Melzig
57	<i>Mit Nanotechnologie noch schöner als Kleopatra!</i>	Prof. Dr. R. Müller
58	<i>Fragment-based drug discovery: Small molecules becoming BIG</i>	Prof. Dr. J. Rademann
59	<i>Smarter Models, Better Drugs - Molecular Design Lab</i>	Prof. Dr. G. Wolber
60	<i>Nanotechnologie – Schlüsseltechnologie für neue Therapien</i>	Dr. S. M. Pyo
61	<i>Alternatives to Animal Testing in the Assessment of Pharmacological Effects - From Development to Application</i>	Dr. C. Zoschke
62	<i>Berlin-Brandenburg research platform BB3R with integrated graduate education</i>	Prof. Dr. Schäfer-Korting
63	<i>PharMetrX 2008-2018: a 10-year successful Graduate Research Training program</i>	PharMetrX, Prof. Dr. C. Kloft

### **Gerätezentrum**

<b>Nr.</b>	<b>Titel</b>	<b>Arbeitskreis</b>
64	<i>Gerätezentrum BioSupraMol</i>	allgemein
65	<i>BioSupraMol - Elektronenmikroskopie</i>	Dr. C. Böttcher
66	<i>Optical Microscopy Unit</i>	Dr. K. Achazi
67	<i>Klassische und Supramolekulare Massenspektrometrie</i>	Dr. A. Springer
68	<i>Der Bereich Bio-Massenspektrometrie</i>	Dr. B. Kuroпка, Bio-MS
69	<i>Mass Spectrometric Assistance Addressing Pharmaceutical and Medical Challenges</i>	Dr. J. Joseph, Pharma-MS
70	<i>Übersicht –Kernresonanz bei unterschiedlichen Feldstärken</i>	Dr. A. Schäfer