

**9. BMFZ-KLAUSURTAGUNG  
Schloss Mickeln  
28. – 29. August 2014**

**Programm**

**Donnerstag, 28. August 2014**

<b>14.00 h</b>	<b>Begrüßung</b>	<b>Guido Reifenberger</b>
<b>14.15 h – 15.45 h</b>	<b>Sitzung 1</b>	<b>Moderation: Hans Werner Müller</b>
	Sodium dynamics during recurrent network activity	Claudia Karus, Christine Rose, Neurobiologie
	Intravenous immunoglobulin protects from antibody-mediated demyelination	Christine Baksmeier, Norbert Goebels, Neurologie
	Combination treatments for spinal cord repair	Veronica Estrada, Hans Werner Müller, Molekulare Neurobiologie, Neurologie
	Histamine - dopamine interactions in health and disease	Olga Sergeeva, Molekulare Neurophysiologie
	Molecular diagnostics of malignant gliomas using next-generation sequencing	Angela Veiser, Guido Reifenberger, Neuropathologie
	Quality considerations of NGS data generated with the semiconductor technology	Stefanie Stepanow, Karl Köhrer, Genomics & Transcriptomics Laboratory (GTL), BMFZ
<b>15.45 h – 16.15 h</b>	<b>Kaffeepause</b>	
<b>16.15 h – 18.00 h</b>	<b>Sitzung 2</b>	<b>Moderation: Guido Reifenberger</b>
	The lymphotoxin $\beta$ receptor (LT $\beta$ R) is essential for upregulation of IFN induced GBPs and survival after <i>T. gondii</i> infection	Ursula Sorg, Klaus Pfeffer, Medizinische Mikrobiologie und Krankenhaushygiene
	Identity and specific functions of type I IFN producing cells in viral infections and CNS autoimmunity	Stefanie Scheu, Klaus Pfeffer, Medizinische Mikrobiologie und Krankenhaushygiene
	<i>Chlamydia pneumoniae</i> – How to establish adhesion and entry into host cells	Katja Mölleken, Johannes Hegemann, Funktionelle Genomforschung der Mikroorg.
	Rolle und Bedeutung des neuronalen Proteins Reelin für die Hämostase und arterielle Thrombose	Meike Klier, Nina Gowert, Margitta Elvers, Hämostaseologie
	Intein mediated protein ligation of IL-6 and sIL-6R generates active H-IL-6	Jens Moll, Jürgen Scheller, Biochemie u. Molekularbiologie
	Data analysis tasks in biomedical research	Wolfgang Kaisers, Holger Schwender, Zentralbereich Bioinformatik u. Biostatistik (CBiBs), BMFZ
<b>18.30 h</b>	<b>Gemeinsames Abendessen, anschließend: Individuelle Diskussionsrunden in der Remise</b>	

**9. BMFZ-KLAUSURTAGUNG  
SCHLOSS MICKELN  
28. – 29. AUGUST 2014**

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**Freitag, 29. August 2014**

<b>9.00 h – 10.30 h</b>	<b>Sitzung 3 (DCC-Session, Disseminated Cancer Cells)</b>	<b>Moderation: Tanja Fehm</b>
	Targeting the origin of metastatic relapse: Molecular characterization of disseminated cancer cells	Nikolas Stoecklein, Experimentelle Chirurgische Onkologie
	First results of translational projects of Detect studies	Tanja Fehm, Frauenklinik
	Diagnostic leukapheresis enables reliable detection of circulating tumor cells of nonmetastatic cancer patients	Dieter Niederacher, Frauenklinik
	Isolation and characterization of EpCAM-negative CTC: epithelial-mesenchymal transition (EMT) and beyond	Hans Neubauer, Frauenklinik
	Towards the detection of disseminated melanoma cells	Bernhard Homey, Hautklinik
	Protein mass spectrometry: A versatile tool in biological research	Gereon Poschmann, Kai Stühler, Molecular Proteomics Laboratory (MPL), BMFZ
<b>10.30 h – 11.00 h</b>	<b>Kaffeepause</b>	
<b>11.00 h – 12.45 h</b>	<b>Sitzung 4</b>	<b>Moderation: Wolfgang Schulz</b>
	Functional inhibition of mesenchymal stem and progenitor cells (MSPC) significantly contributes to hematopoietic	Thomas Schroeder, Rainer Haas, Hämatologie, Onkologie u. Klin. Immunologie
	Mimicking neurogenesis with induced pluripotent stem cells [A model to study Alzheimer's Disease in a dish]	Friederike Schröter, James Adjaye, Stammzellforschung und Regenerative Medizin
	Characterization of apoptosis induction by the mycotoxin phomoxanthone A	Sebastian Wesselborg, Molekulare Medizin
	Mechanismen der Regulation genomisch geprägter Gene im Prostatakarzinom	Wolfgang Schulz Urologisches Forschungslabor
	Identifizierung von IL12 Signaltransduktionsdefizienz als neue Ursache für das Autoimmun-Lymphoproliferative Syndrom (ALPS)	Ute Fischer, Arndt Borkhardt, Kinder-Onkologie, -Hämatologie, Klin. Immunologie
	Development of a diagnostic test to analyse cardiopathogenic autoantibodies from dilative cardiomyopathy patients	Beatrice Bornholz, Friederich Boege, Klin. Chemie u. Laboratoriumsdiagnostik
	Mitochondrial stress extends lifespan in <i>C. elegans</i> through neuronal hormesis	Nataschia Ventura, Friederich Boege, Klin. Chemie u. Laboratoriumsdiagnostik
<b>13.00 h - 14.00 h</b>	<b>Gemeinsames Mittagessen</b>	
	<b>Ende der Klausurtagung</b>	