

**Graduate Program Immunomodulation
Winter Semester 2012-2013 Program
Journal club**

Date	Chair	Speaker	Paper
18 th Oct. 2012	Pham Anh Thuy Duong	Cinthia Silva Nergui Dagvadorj	Shin-Young Na, Andreas Hermann, Monica Sanchez-Ruiz, Alexander Storch, Martina Deckert, and Thomas Hünig Oligodendrocytes Enforce Immune Tolerance of the Uninfected Brain by Purging the Peripheral Repertoire of Autoreactive CD8⁺ T Cells. Immunity 2012, 37: 134–146
25 th Oct. 2012	Zafar Mahmood	Akinbami Adenugba Pham Anh Thuy Duong	Matthias Eyrich , Susanne C. Schreiber, Gernot Wollny, Hendrik Ziegler, Ramona Schlenker, Katharina Koch-Büttner, Matthias Wölfel, Paul G. Schlegel and Karin Schilbach Pre-differentiated Human Committed T-lymphoid Progenitors Promote Peripheral T-cell Re-constitution After Stem Cell Transplantation in Immunodeficient Mice. Eur. J. Immunol. 2011, 41: 3596–3603
1 st Nov. 2012	No Jour Fixe due to Allerheiligen		
8 th Nov. 2012	Denise Mathes	Maria Bieringer Valentin Bruttel	Ivaylo Gentshev , Marion Adelfinger, Rafael Josupeit, Stephan Rudolph, Klaas Ehrig, Ulrike Donat, Stephanie Weibel, Nanhai G. Chen, Yong A. Yu, Qian Zhang, Martin Heisig, Douglas Thamm, Jochen Stritzker, Amy MacNeill, Aladar A. Szalay Preclinical Evaluation of Oncolytic Vaccinia Virus for Therapy of Canine Soft Tissue Sarcoma. PLoS ONE 2012, 7(5): 1-12
15 th Nov. 2012	Itsaso Montalbán	Lena Dietz Sarah Daßen	Dajana Reuter, Tim Sparwasser, Thomas Hünig, Jürgen Schneider-Schaulies Foxp3⁺ Regulatory T Cells Control Persistence of Viral CNS Infection. PLoS ONE 2012. 7(3): 1-8

Date	Chair	Speaker	Paper
22 nd Nov. 2012	Hani Alrefai	Julia Fischer Jonas Hummel	Sankar Bhattacharyya, Jolly Deb, Amiya K. Patra, Duong Anh Thuy Pham, Wen Chen, Martin Vaeth, Friederike Berberich-Siebelt, Stefan Klein-Hessling, Edward D. Lamperti, Kurt Reifenberg, Julia Jellusova, Astrid Schweizer, Lars Nitschke, Ellen Leich, Andreas Rosenwald, Cornelia Brunner, Swen Engelmann, Ursula Bommhardt, Andris Avots, Martin R. Müller, Eisaku Kondo, and Edgar Serfling NFATc1 Affects Mouse Splenic B Cell Function by Controlling the Calcineurin– NFAT Signaling Network. J. Exp. Med. 2011, 208(4): 823-839
29 th Nov. 2012	Mohindar Murugesh	Ana Laura Jordan G Christina Pachel	Britta Heinze, Stefanie Frey, Markus Mordstein, Anette Schmitt-Gräff, Stephan Ehl, Ursula J. Buchholz, Peter L. Collins, Peter Staeheli, and Christine D. Kreml Both Nonstructural Proteins NS1 and NS2 of Pneumonia Virus of Mice are Inhibitors of the Interferon Type I and Type III Responses <i>In Vivo</i>. J. Virol . 2011, 85(9) 4071–4084
6 th Dic. 2012	Christina Pachel	Franzisca Köhler Sonja Kern	Maria Bouzani, Michael Ok, Allison McCormick, Frank Ebel, Oliver Kurzai, C. Oliver Morton, Hermann Einsele and Juergen Löffler Human NK Cells Display Important Antifungal Activity against <i>Aspergillus fumigatus</i>, Which Is Directly Mediated by IFN- γ Release. J. Immunol. 2011, 187: 1369-1376
13 th Dic. 2012 2:00 pm	Tobias Pusch	Hani Alrefai Denise Mathes	Hiroaki Azukizawa, Anja Döhler, Nobuo Kanazawa, Arnab Nayak, Martin Lipp, Bernard Malissen, Ingo Autenrieth, Ichiro Katayama, Marc Riemann, Falk Weih, Friederike Berberich-Siebelt and Manfred B. Lutz Steady State Migratory RelB⁺ Langerin⁺ Dermal Dendritic Cells Mediate Peripheral Induction of Antigen-specific CD4⁺CD25⁺Foxp3⁺ Regulatory T Cells. Eur. J. Immunol. 2011, 41: 1420–1434
20 th Dic. 2012	Johannes Weirather	Itsaso Montalbán Zafar Mahmood	Nicole Hassold, Katharina Seystahl, Kristina Kempf, Doris Urlaub, Michael Zekl, Hermann Einsele, Carsten Watzl, Jörg Wischhusen and Ruth Seggewiss-Bernhardt Enhancement of Natural Killer Cell Effector Functions Against Selected Lymphoma and Leukemia Cell Lines by Dasatinib. Int. J. Cancer. 2012, 131: E916–E927
Christmas break			

Date	Chair	Speaker	Paper
10 th Jan. 2013	Sandeep Patil	Mohindar Murugesh Thomas Nerreter	Ulrich Hofmann, Niklas Beyersdorf, Johannes Weirather, Anna Podolskaya, Johann Bauersachs, George Ertl, Thomas Kerkau and Stefan Frantz Activation of CD4+ T Lymphocytes Improves Wound Healing and Survival After Experimental Myocardial Infarction in Mice. Circulation 2012, 125: 1652-1663
17 th Jan. 2013	Ana-Laura Jordán Garrote	Tobias Pusch Jasmin Kungl	Susanne Koethe, Elita Avota, and Sibylle Schneider-Schaulies Measles Virus Transmission from Dendritic Cell to T Cells: Formation of Synapse-Like Interfaces Concentrating Viral and Cellular Components. J. Virol. 2012, 86(18): 9773-9781
24 th Jan. 2013	Lena Dietz	Daniel Paletta Sandeep Patil	Sebastian F. M. Häusler, Itsaso Montalban del Barrio, Jenny Strohschein, P. Anoop Chandran, Jörg B. Engel, Arnd Hönig, Monika Ossadnik, Evi Horn, Birgitt Fischer, Mathias Krockenberger, Stefan Heuer, Ahmed Adel Seida, Markus Junker, Hermann Kneitz, Doris Kloor, Karl-Norbert Klotz, Johannes Dietl, Jörg Wischhusen Ectonucleotidases CD39 and CD73 on OvCA Cells are Potent Adenosine-generating Enzymes Responsible for Adenosine Receptor 2A-dependent Suppression of T Cell Function and NK Cell Cytotoxicity. Cancer Immunol. Immunother. 2011, 60(10): 1405-18
31 st Jan. 2013	Valentin Bruttel	Krisna Murti Lisa Prager	Martin Vaeth, Ulrike Schließer, Gerd Müller, Sonja Reißig, Kazuki Satoh, Andrea Tuettenberg, Helmut Jonuleit, Ari Waisman, Martin R. Mueller, Edgar Serfling, Birgit S. Sawitzki, and Friederike Berberich-Siebelt Dependence on nuclear factor of activated T-cells (NFAT) levels discriminates conventional T cells from Foxp3+ regulatory T cells. PNAS. 2012, 119 (40): 16258-16263
7 th Feb. 2013	Krisna Murti	Johannes Weirather Youngeun Yoo	Elisa Monzon-Casanova, Daniel Paletta, Lisa Starick, Ingrid Müller, Derek B. Sant'Angelo, Elwira Pyz and Thomas Herrmann Direct Identification of Rat iNKT Cells Reveals Remarkable Similarities to Human iNKT Cells and a Profound Deficiency in LEW Rats. Eur J Immunol, in press