



**UNIKLINIK  
RWTHAACHEN**

universität**bonn**

Spokesman: Prof. Dr. C. Trautwein, Med. Klinik III, RWTH Aachen

Vice Spokesman: Prof. Dr. Ch. Kurts, Institut für Experimentelle Immunologie, Universitätsklinik Bonn

## Transregional Collaborative Research Center 57 SFB/TRR57

Organ Fibrosis: From Mechanisms of Injury to Modulation of Disease

Funded by: Deutsche Forschungsgemeinschaft in Bonn

## 2<sup>nd</sup> Transregio Workshop 2<sup>nd</sup> funding period

### Program

October 18th, 2013

at the



**Universitätsclub Bonn**

**Konviktstr.9  
53113 Bonn**

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## SFB/TRR 57 Principal Investigators

P04 **Liedtke/Trautwein**, Aachen  
P06 **Lüdde/Trautwein**, Aachen  
P07 **Bernhagen/Berres**, Aachen  
P09 **Tacke**, Aachen  
P10 **Kurts**, Bonn  
P11 **Knolle**, Bonn  
P12 **Nattermann/Spengler**, Bonn  
P13 **Weiskirchen**, Aachen  
P17 **Müller/Ostendorf**, Aachen  
P18 **Trebicka/Sauerbruch**, Bonn  
P21 **Engel** Bonn  
P22 **Kroy/Streetz** Aachen  
P 24 **Latz** Bonn  
P25 **Boor/Floege** Aachen  
P26 **Scholten** Aachen  
P28 **Strnad** Aachen  
Q1 **Fischer/Kristiansen/Boor**, Bonn/Aachen  
Q2 **Tolba**, Aachen  
Q3 **Tacke/Weiskirchen**, Aachen  
Z **Trautwein**, Aachen

Universitätsclub Bonn  
Wolfgang-Paul-Saal/ground floor

Friday, October 18<sup>th</sup>

11:30 – 12:00 Welcome Snack

**Session 1**

Chair: Christian Kurts

- 12:00 P04 *Jörg-Martin Bangen*  
New concepts to inhibit liver fibrogenesis by targeting the Cyclin E/Cdk2 complex in hepatic cells
- 12:10 P04 *Roland Sonntag*  
Molecular imaging of Cyclin E1 in mouse models of acute and chronic liver disease
- 12:20 P06 *Christoph Roderburg*  
miRNAs in the pathophysiology of fibrotic diseases – implications for the management of liver cirrhosis
- 12:40 P07 *Dr. Daniel Heinrichs*  
The role of MIF in non-alcoholic fatty liver disease (NALD) and the metabolic syndrome
- 13:00 P21 *Akanksha Dixit*  
Role of Gr1+ inflammatory macrophages in pyelonephritis-induced fibrosis

13:20 – 13:40 Coffee Break

**Session 2**

Chair: Christian Trautwein

- 13:40 P09 *Julia Peusquens*  
The role of chemokine receptor CX3CR1 for myeloid cell subtypes in acute and chronic liver injury
- 14:00 P10 *Christoph Heuser*  
Cannabinoid receptors in renal fibrosis
- 14:20 P22 *Hannah Drescher*  
Dissecting anti-fibrotic mechanisms of HGF/c-Met during NASH development
- 14:40 P12 *Marianne Eisenhardt/Andreas Glässner*  
NK cells and liver fibrosis

15:00 – 15:20 Coffee Break

**Session 3**

Chair: Jonel Trebicka

- 15:20 P13 *Sorina Georgiana Boaru*  
Regulatory and functional aspects of inflammatory and fibrotic cascades in liver
- 15:40 P17 *Katja Berger*  
Are there stem cells in the kidney?
- 16:00 P18 *Sabine Klein*  
The specific role of mas-receptor and its modulation in liver fibrosis and portal hypertension.  
*Robert Schierwagen*  
The role of small GTPases in a novel NASH-model within metabolic syndrome.
- 16:20 P25 *Eva Maria Buhl*  
Role of PDGF-DD and PDGFR-beta in renal fibrosis

16:40 – 17:00 Coffee Break

**Session 4**

Chair: Ralf Weiskirchen

- 17:20 Q1 *Kanishka Hiththeiya:*  
Histopathological analysis and quantification of hepatic and renal fibrosis
- 17:20 P28 *Deniz Kuscuoglu*  
The role of iron metabolism in development of chronic liver disease
- 17:40 P26 *David Scholten*  
Hepatic stellate cell specific endoglin deletion modulates TGF- $\beta$  signaling and aggravates liver fibrosis in two experimental models of murine liver injury

18:00: Informal Get-Together

18:00 – 18:30: Mitgliedervollversammlung für alle Teilprojektleiter

18:30-20:00 Buffet Dinner

