

SFB 620 "Immunodeficiency - Clinical Manifestations and Animal Models"

The Collaborative Research Centre

[CRC 620 "Immunodeficiency - Clinical Manifestations and Animal Models"](#)

(Coordinator Hanspeter Pircher, current funding period until June 2013) unites basic science oriented research projects related to immunodeficiency. Five projects are contributed by CCI investigators, another 5 projects by CCI-associated research groups.

The CRC 620 supplements the education and training programme of the CCI with the Integrated Research and Training Group (IRTG-IMM). The IRTG offers a structured educational programme for PhD and MD students that is also open to all CCI students.

[IRTG Programme 2009/2010](#)

The first annual CRC 620 IRTG-IMM retreat took place from 27-29 November 2009 in the Uni-Haus Schauinsland.

[SFB 620 Retreat Programme 2009](#)

The second CRC 620 IRTG-IMM retreat took place 29-30 October 2010.

The 2010 annual retreat organised by the SFB 620 took place from 29-30 November in the Uni-Haus, Schauinsland. Faculty include Prof. emer. Hans-Hartmut Peter, CCI; Michael Sixt, IST Austria; Claudia Berek, Berlin; Annette Oxenius, Zürich; Erik Glocker, London.

[Program CRC 620 Retreat 2010](#)

Stipends for medical doctoral students to carry out their thesis in one of the CRC 620 groups

The CRC 620 offers several stipends annually to MD students to carry out an experimental thesis in one of the CRC620 groups. MD students must be willing to work for at least one semester exclusively on their thesis. Applications are welcome from students who have already begun their thesis in one of the CRC groups (see below for more information on CRC groups).

Applications for MD stipends are open again - the deadline for submission is 31.05.2010. Please contact the IRTG coordination at tel. 203-6528 or 270-7756 if you have any questions. More information on the stipends is available in German [here](#).

[CRC 620 MD Stipends](#)

Animal models – PROJECT AREA A

- Project A1:
[H. Jumaa](#)
The role of SLP-65-induced FoxO transcription factors in B cell development
- Project A4: [S. Ehl](#) The impact of viral infections on the immunological and clinical phenotype of "leaky" SCID mice
- Project A10:
[R. Grosschedl](#)
Role of EBF transcription factors in normal and malignant lymphopoiesis
- Project A11N:
[T. Boehm](#)
Molecular Mechanisms of thymus colonization: reconstruction of the thymic niche
- Project A12N:
[P. Staeheli](#)
Interferon response and virus resistance of mice with defects in the innate immune system
- Project A13N: M. Prinz New faces of type I interferons: from immunosuppression to tissue homeostasis
- Project A14N:
[A. Diefenbach](#)
Analysis of CD8 T cell responses in immunodeficient mice lacking the NKG2D receptor
- Project A15N:
[R. Zeiser](#)
Control of graft-versus-host disease for enhanced immune reconstitution following allogeneic hematopoietic cell transplantation

- Project A16N:
[T. Fukao](#)
Exploring the Role of microRNAs in the immune system

Animal models and Human Systems – PROJECT AREA B

- Project B2:
[H. Pircher](#)
Local silencing of lymphocyte function by cadherins through interaction with the inhibitory receptor KLRG1
- Project B5:
[M. Reth](#)
Production and analysis of B-cell mutant mice with the Cre/loxP method
- Project B6:
[W. Schamel](#)
CD3 β -deficiency in humans and mice
- Project B8N: [P. Henneke](#) Inflammatory signal induction and termination in chronic granulomatous disease

Human Systems – PROJECT AREA C

- Project C1: [K. Warnatz](#) / HH. Peter Disturbed peripheral B cell differentiation in patients with common variable immunodeficiency (CVID) – origin and function of CD21^{low} B cells
- Project C6:
[R. Thimme](#)
Identification and functional analysis of regulatory T cells during chronic HCV infection
- Project C7N: [U. Salzer](#) Analysis of microRNAs in normal human peripheral B-cell development and patients with primary antibody deficiencies
- Project C8N:
[A. Prasse](#)
Defining defects of pulmonary immuno-regulation in patients with common variable immunodeficiency (CVID) and sarcoidosis

Central tasks – Z

- Project Z1:
[H. Pircher](#)
Administration and coordination of activities
- Project Z2:
[P. Fisch](#)
Molecular and cellular analyses in primary and secondary immunodeficiencies
- Project Z3N:
[A. Diefenbach](#)
/ [W. Schamel](#) Integrated Research Training Group of Immunodeficiency (IRTG-IMM). Coordinator: [Dr. Anne-Marie Perner](#)