



ANNOUNCEMENT

CanHepC - TRR179 Internship Exchange Program

The [Canadian Network on Hepatitis C](#) (CanHepC) and the TRR179 (collaborative research center “Determinants and dynamics of elimination versus persistence of hepatitis viruses”) are two research networks in Canada and Germany, respectively dedicated to hepatitis virus research.

CanHepC is a collaborative research network funded by the Canadian Institutes of Health Research (CIHR) and the Public Health Agency of Canada (PHAC) dedicated to translational research linking over 100 researchers, trainees, knowledge-users (community members, community-based organizations, policy and decision makers) in the field of Hepatitis C (HCV) from across Canada as well as international partners. **TRR179** is a collaborative research center funded by the German Research Foundation (DFG) consisting of 18 interdisciplinary research projects on three different partner sites in Germany (Heidelberg, Freiburg and Munich). The overall aim of the TRR179 is to identify the decisive virological and immunological mechanisms determining the outcome of hepatitis virus infection.

Together they are offering the opportunity for one CanHepC trainee and one student from the German TRR179 Hepatitis Network to do a 2-6 months internship with one the of PIs affiliated to the other network.

For the complete list of CanHepC PIs able to mentor please refer to the CanHepC website [member's page](#). The complete list of TRR179 PIs is available at the end of this document. Please note that you are responsible for making contact with your host PI and liaising with them regarding your application.

Who can apply?

- Doctoral students (PhD and MD) funded by either CanHepC or TRR179
- Postdoctoral students funded by either CanHepC or TRR179

What can be funded?

- Research topic of the applicant must be linked to the respective research focus of PhD/postdoctoral project
- Ideally, new methods, experimental setups, scientific experience will be gained by the exchange and transferred to the respective networks.

Duration of funding:

- 2 to 6 months

Value:

CanHepC applicants will receive max. \$7500 CAD and TRR179 students max. €5.000 EUR. These amounts will cover the following expenses (please note receipts need to be kept for reimbursement):

- Travel allowance
- Accommodation
- Other costs like e.g. visa costs, health insurance etc.

Important dates:

- Application opens **April 1st, 2017**
- Application deadline is **July 1st, 2017**

How to apply:

Application must be made online via the [CanHepC website](#). You will be asked to complete the online form providing all the necessary information (project title, objectives, qualifications, etc.) and to upload a certain number of documents (see the list below). Please note ONLY PDF documents can be uploaded, please convert your documents in pdf beforehand.

- Project description (2 page description of the project/new techniques &/or methods you wish to accomplish/gain during your internship including any preliminary work, aims & added value to both networks)
- CV of the applicant
- Motivation letter of the applicant
- Support letter from of the host PI including description of the facilities and resources that will be available to the intern

Selection procedure:

- Applications will be reviewed by a committee composed of 3 members of the TRR179 (one rep per sites) and 3 members of CanHepC.
- If awarded, the scholarship is valid for one year as of the day of the announcement of the results.

For any further information or if you have any specific questions please contact:

- Norma Choucha
CanHepC Administrative Coordinator
norma.choucha@canhepc.ca
- Steffi Schimang
TRR179 Network Coordinator
Steffi.Schimang@med.uni-heidelberg.de



TRR179 List of PIs

Principal investigators	Home institution and location	Project within TRR179
Bartenschlager, Ralf ralf_bartenschlager@med.uni-heidelberg.de	Department of Infectious Diseases, Molecular Virology (UN-HD) Heidelberg	Determinants of success and failure to control hepatitis C virus infection by the interferon system
Bauer, Tanja tanja.bauer@helmholtz-muenchen.de	Institute of Virology, German Center for Environmental Health (HMGU) Munich	Immune monitoring and Bioinformatics
Binder, Marco m.binder@dkfz.de	Virus-associated Carcinogenesis (DKFZ) Heidelberg	Global effects on host cell signalling by continuous stimulation of innate antiviral responses in persistent viral infections
Böttler, Tobias tobias.boettler@uniklinik-freiburg.de	Department of Medicine II (UN-FR) Freiburg	Characterization of follicular T helper cell responses in viral hepatitis
Cerwenka, Adelheid a.cerwenka@dkfz.de	Tumorimmunology (DKFZ) Heidelberg	Dissecting NK cell-mediated immune responses against hepatitis B virus and hepatitis C virus infection
Eils, Roland roland.eils@bioquant.uni-heidelberg.de	Department for Bioinformatics & Functional Genomics, Institute for Pharmacy and Molecular Biology (IPMB) and BioQuant (UN-HD) Heidelberg	Immune monitoring and Bioinformatics
Grimm, Dirk dirk.grimm@bioquant.uni-heidelberg.de	Department of Infectious Diseases, Virology (UN-HD) Heidelberg	Combinatorial knock-down/knock-out strategies to reconstitute anti-hepatitis B virus immune responses and to eliminate persisting hepatitis B virus cccDNA
Heikenwälder, Mathias heikenwaelder@helmholtz-muenchen.de	Institute of Immunology and Experimental Oncology (TUM) Munich	Lymphotoxin β receptor signalling-dependent control of virus clearance in chronic hepatitis B virus and hepatitis C virus infections
Hengel, Hartmut hartmut.hengel@uniklinik-freiburg.de	Institute of Virology (UN-FR) Freiburg	Integrated Research Training Group "Immunovirology" (Coordination: Eva Schnober)



TRR179 List of PIs

Hofmann, Maike maike.hofmann@uniklinik-freiburg.de	Department of Medicine II (UN-FR) Freiburg	Mechanisms of antiviral therapy-induced virus-specific CD8+ T cell restoration in chronic viral hepatitis
Hornung, Veit hornung@genzentrum.lmu.de	Gene Center and Department of Biochemistry (LMU) Munich	Mechanisms of interferon induction by hepatitis D virus and impact of chronic innate immune activation on antiviral immunity
Klingmüller, Ursula u.klingmueller@dkfz.de	Systems Biology of Signal Transduction (DKFZ) Heidelberg	Strategies to harness an effective antiviral response targeting hepatitis B virus
Knolle, Percy percy.knolle@tum.de	Institute of Molecular Immunology and Experimental Oncology (TUM) Munich	Role of myeloid cells in the liver for antiviral immunity; Mechanisms of interferon induction by hepatitis D virus and impact of chronic innate immune activation on antiviral immunity
Lohmann, Volker volker_lohmann@med.uni-heidelberg.de	Department of Infectious Diseases, Molecular Virology (UN-HD) Heidelberg	Contribution of innate immune responses to persistence versus clearance of hepatitis C virus and hepatitis A virus infections
Nassal, Michael nassal2@ukl.uni-freiburg.de	Department of Medicine II (UN-FR) Freiburg	Unravelling the role of DNA repair in the formation of the hepatitis B virus cccDNA persistence reservoir
Neumann-Haefelin, Christoph christoph.neumann-haefelin@uniklinik-freiburg.de	Department of Medicine II (UN-FR) Freiburg	Viral escape from dominant virus-specific CD8+ T cell responses in hepatitis B virus (HBV) mono-infection and HBV/hepatitis D virus co-infection and strategies to restore antiviral CD8+ T cell response; Immune monitoring and Bioinformatics
Ntziachristos; Vasilis v.ntziachristos@tum.de.de	Institute of Biological Imaging (TUM) Munich	Dynamics of antiviral T cell immunity against viral infection of the liver
Pichlmair, Andreas apichlmair@biochem.mpg.de	Innate Immunity Laboratory (MPI) Munich	Global effects on host cell signalling by continuous stimulation of innate antiviral responses in persistent viral infections



TRR179 List of PIs

<p>Protzer, Ulrike</p> <p>protzer@tum.de</p>	<p>Institute of Virology (TUM) Munich</p>	<p>Means of modification and degradation of hepatitis B virus cccDNA; Combinatorial knock-down/knock-out strategies to reconstitute anti-hepatitis B virus immune responses and to eliminate persisting hepatitis B virus cccDNA</p>
<p>Raziorrouh, Bijan</p> <p>Bijan.Raziorrouh@med.uni-muenchen.de</p>	<p>University hospital Munich-Großhadern (LMU) Munich</p>	<p>Generation of effective antiviral CD4+ T cell immunity in viral hepatitis and its association to unique signatures of transcription factors</p>
<p>Ruggieri, Alessia</p> <p>alessia_ruggieri@med.uni-heidelberg.de</p>	<p>Department of Infectious Diseases, Molecular Virology (UN-HD) Heidelberg</p>	<p>Role of the host stress response in the establishment of viral persistence: comparative analysis of hepatitis C virus and hepatitis A virus infection</p>
<p>Schiemann, Matthias</p> <p>matthias.schiemann@tum.de</p>	<p>Institute for Medical Microbiology, Immunology and Hygiene (TUM) Munich</p>	<p>Immune monitoring and Bioinformatics</p>
<p>Schreiner, Sabrina</p> <p>sabrina.schreiner@tum.de</p>	<p>Institute of Virology (TUM) Munich</p>	<p>Unravelling the role of DNA repair in the formation of the hepatitis B virus cccDNA persistence reservoir</p>
<p>Thimme, Robert</p> <p>robert.thimme@uniklinik-freiburg.de</p>	<p>Department of Medicine II (UN-FR) Freiburg</p>	<p>Mechanisms of antiviral therapy-induced virus-specific CD8+ T cell restoration in chronic viral hepatitis</p>
<p>Timmer, Jens</p> <p>jeti@fdm.uni-freiburg.de</p>	<p>Institute of Physics (UN-FR) Freiburg</p>	<p>Strategies to harness an effective antiviral response targeting hepatitis B virus</p>
<p>Urban, Stephan</p> <p>stephan.urban@med.uni-heidelberg.de</p>	<p>Department of Infectious Diseases, Molecular Virology (UN-HD) Heidelberg</p>	<p>Hepatitis B virus X-protein-mediated transcriptional regulation and stability of cccDNA</p>
<p>Wohlleber, Dirk</p> <p>dirk.wohleber@tum.de</p>	<p>Institute of Molecular Immunology and Experimental Oncology (TUM) Munich</p>	<p>Dynamics of antiviral T cell immunity against viral infection of the liver</p>