

DCR 2025 Day of Clinical Research

Tuesday, 2 December 2025

Maurice E. Müller Auditorium, Inselspital



Welcome



Conference Convenor

Dear friends and colleagues,
fellow clinical researchers,

It is a great honour, on behalf of the dedicated staff of the Department of Clinical Research, to welcome you to our 3rd flagship Department of Clinical Research "**Day of Clinical Research**". This year we will have two major programs, commencing with our Day on Tuesday, December 2, with the "**Bern Highlights session**" showcasing the most significant studies published in the past year, and the "**Best of Junior Research**", chosen from abstracts submitted by a huge variety of clinical researchers across our campuses. Here we also feature our international guest speaker, this year covering the topic of Sepsis, which is highly relevant across all medical fields.

Then, on Tuesday, December 9, we have our **Posters and Junior Research Showcase**, providing a forum to display and promote the breadth of clinical research across the Faculty of Medicine, University of Bern, and University Hospitals.

We are pleased to again offer many prizes, as well as opportunities for cross-disciplinary discussions and collaborations to be fostered. I am very grateful to the excellent team at DCR who have worked so hard to make this event a true highlight of the Faculty calendar.

With very best wishes,

A handwritten signature in black ink, appearing to read 'Eva Segelov'.

Prof. Dr. Eva Segelov
Director Department of Clinical Research
University of Bern

Organizing Committee



Prof. Dr. med. Claudio Bassetti
Dean of the Faculty of Medicine, University of Bern
Senior Consultant, Neurology Clinic
Inselspital



Prof. Dr. med. Annalisa Berzigotti
Clinic Director and Chief Physician
University Clinic for Hepatology
Inselspital



Prof. Dr. med. Stephan Windecker
Clinic Director and Head Physician
University Clinic for Cardiology
Inselspital



Prof. Dr. med. Beat Roth
Clinic Director and Head Physician
University Clinic for Urology
Inselspital



Prof. Dr. med. Andri Rauch
Clinic Director and Head Physician
Department of Infectious Diseases
Inselspital



Prof. Dr. med. Lars Hemkens
Academic Director of Clinical Trials
Department of Clinical Research
University of Bern



Prof. Dr. med. Dr. rer. nat. Benjamin Ineichen
Head of Medical Data Science Unit
Department of Clinical Research
University of Bern



Prof. Dr. med. Kristina Adorjan
Clinical Director
University Hospital of Psychiatry and Psychotherapy, UPD
University of Bern



Prof. Dr. med. Uyen Huynh-Do
Head Physician
University Clinic for Nephrology and Hypertension
Inselspital



Prof. Dr. med. Daniel Surbek
Managing Co-Clinic Director and Head Physician
Obstetrics and Maternal-Fetal Medicine
Inselspital



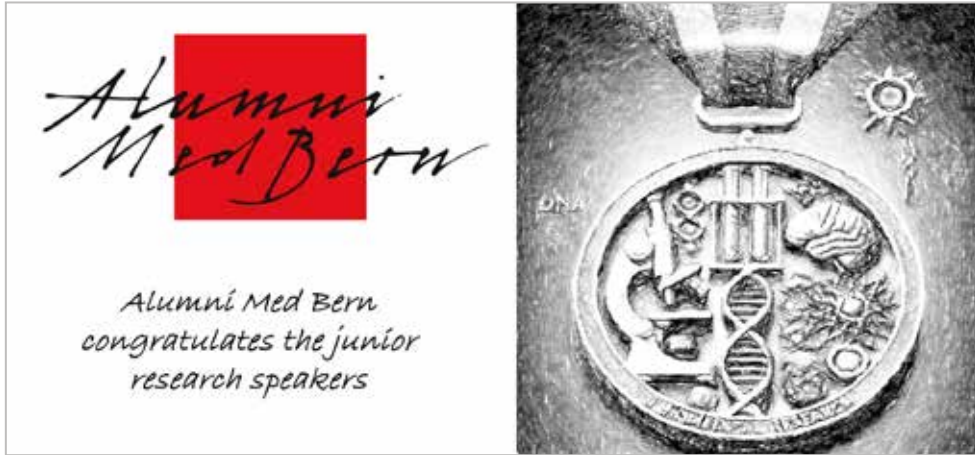
Prof. Dr. med. Carole Elodie Aubert
Head Physician and Deputy Head of Medical Polyclinic
University Clinic for General Internal Medicine
Inselspital



Prof. Dr. med. Guido Beldi
Head Physician
University Clinic for Visceral Surgery
Inselspital

Partners and Prizes

We thank the Alumni Med Bern for sponsorship of the prizes for the Junior Research 'Pecha Kucha' style presentations.



Program

Tuesday, 2 December 2025 | 11.45–17.30 | Maurice E. Müller Auditorium

Operationstrakt Ost (OpO) F, Inselspital

11.45 – 12.30 Lunch

12.30 Official opening

Prof. Dr. Nadia Mercader Huber
Vice Dean of the Faculty of Medicine at the University of Bern

12.40 Update on the DCR

Prof. Dr. Eva Segelov
Director, Department of Clinical Research, University of Bern

12.50 Keynote Talk 1: “Novel Designs for Clinical Research”

Prof. Dr. Lars Hemkens
Academic Director of Clinical Trials, Department of Clinical Research, University of Bern
Chaired by: Prof. Dr. Guido Beldi
Head of Visceral Surgery, Inselspital Bern

13.15 – 14.00 Bern Highlights

3 Presentations from the highest impact clinical trials published by Faculty Researchers in the past year, followed by a Panel discussion
Chaired by: Prof. Dr. Andri Rauch
Clinic Director of Infectious Diseases, Inselspital Bern

13.15 Prof. Dr. Tobias Reichlin

Head of Cardiology, Inselspital Bern
“Pulsed Field or Cryoballoon Ablation for Paroxysmal Atrial Fibrillation – SINGLE SHOT CHAMPION trial.”

13.30 Prof. Dr. Urs Fischer

Head and Chair of Neurology, Inselspital Bern
“Endovascular Treatment for Stroke Due to Occlusion of Medium or Distal Vessels (DISTAL Trial).”

Presented by Prof. Dr. Johannes Kaesmacher, PhD

Senior Physician (Oberarzt II), Neuroradiology, Inselspital Bern

13.45 Prof. Dr. Wolf E. Hautz

Senior Physician, Department of Emergency Medicine, Inselspital Bern
“Diagnoses supported by a computerised diagnostic decisionsupport system versus conventional diagnoses in emergency patients (DDX-

BRO): a multicentre, multiple-period, doubleblind, cluster-randomised, crossover superiority trial.”

14.00 Panel discussion: “The Secret of my Success”

Chaired by: Prof. Dr. Eva Segelov

14.30 Afternoon Tea

15.00 Keynote Talk 2: “Sepsis: The Future is Today”

Prof. Dr. Mervyn Singer
Professor of Intensive Care Medicine, Bloomsbury Institute, University College London
Chaired by: Prof. Dr. Joerg C. Schefold
Clinic Director of Intensive Care Medicine, Inselspital Bern

15.45 Junior Research Highlights

3 best Abstracts presented in modified Pecha Kucha style
Chaired by: Prof. Dr. Annalisa Berzigotti
Clinic Director of Visceral Surgery and Medicine, Inselspital Bern

Dr. med. Eloïse Magnenat

Resident at Department of Infectious Diseases, Inselspital Bern
“Physical inactivity is associated with persistent steatotic liver disease in people with HIV”

PD Dr. med. Christoph Saner

Senior Doctor at Department of Paediatrics, Inselspital Bern
“The Bern Obesity in Childhood and Adolescence Biorepository (BOCAB) — Insights on associations between socioeconomic position with severity of obesity and with dyslipidemia”

Mr. Jonas Keller

Department of Cardiology, Inselspital
“Incidence and burden of atrial fibrillation in cryptogenic stroke patients implanted with a cardiac monitor”

16.45 – 17.30 Presentation of prizes for Junior Research Highlights and Apéro

Keynote Speeches

Tuesday, 2 December 2025 | Maurice E. Müller Auditorium

Operationstrakt Ost (OpO) F, Inselspital

Keynote Talk 1

Novel Designs for Clinical Research



Prof. Dr. Lars Hemkens

*Academic Director of Clinical Trials
Department of Clinical Research
University of Bern*

Chaired by: Prof. Dr. Guido Beldi
*Head of Visceral Surgery
Inselspital Bern*

Lars G. Hemkens, MD, MPH is Academic Director of Clinical Trials at the Department of Clinical Research (DCR), University of Bern, and Professor at the University of Basel. He is also affiliated with the Research Center for Clinical Neuroimmunology and Neuroscience Basel (RC2NB) and the Meta-Research Innovation Center at Stanford (METRICS).

His research focuses on clinical trials, evidence-based medicine, and digital health. With his team, he develops and implements innovative study designs and pragmatic approaches that integrate research into routine care by leveraging digital technologies and real-world data. He is Co-Principal Investigator of MultiSCRIPT, a nationwide pragmatic platform trial and learning healthcare system that continuously evaluates healthcare innovations in real-world practice.

Keynote Talk 2

Sepsis: The Future is Today



Prof. Dr. Mervyn Singer

*Professor of Intensive Care Medicine
Bloomsbury Institute
University College London*

Chaired by: Prof. Dr. Joerg C. Schefold
*Clinic Director of Intensive Care Medicine
Inselspital Bern*

Professor Mervyn Singer is Professor of Intensive Care Medicine at University College London. His research focuses on sepsis and critical illness. He contributed to the development of the oesophageal Doppler haemodynamic monitor, which is used in clinical practice. During the COVID-19 pandemic, he was part of the UCL team involved in work on the UCL Ventura CPAP system.

He has served as a Senior Investigator at the National Institute for Health and Care Research (NIHR) and currently holds the title of NIHR Emeritus Senior Investigator. As Co-Chair of the international task force that produced the 2016 Sepsis-3 definitions, he played a central role in the development of the updated criteria for sepsis. At this event, he will deliver a lecture titled "Sepsis: The Future Is Today."

Bern Highlights

Tuesday, 2 December 2025 | Maurice E. Müller Auditorium, Inselspital

Bern Highlights

3 Presentations from the highest impact clinical trials published by Faculty Researchers in the past year, followed by a Panel discussion.

Chaired by: Prof. Dr. Andri Rauch, Clinic director at Department of Infectious Diseases, Inselspital Bern



Prof. Dr. Tobias Reichlin

Head of Cardiology, Inselspital Bern

"Pulsed Field or Cryoballoon Ablation for Paroxysmal Atrial Fibrillation- SINGLE SHOT CHAMPION trial"

N Engl J Med 2025;392:1497-507



Prof. Dr med. Urs Fischer

Head and Chair of Neurology, Inselspital Bern

"Endovascular Treatment for Stroke Due to Occlusion of Medium or Distal Vessels (DISTAL Trial)"

N Engl J Med 392.14 (2025): 1374-1384

Presented by Prof. Dr. Johannes Kaesmacher, PhD

Senior Physician (Oberarzt II), Neuroradiology, Inselspital Bern



Prof. Dr. Wolf E. Hautz

Senior Physician, Department of Emergency Medicine, Inselspital Bern

"Diagnoses supported by a computerised diagnostic decision-support system versus conventional diagnoses in emergency patients (DDX-BRO): a multicentre, multiple-period, double-blind, cluster-randomised, crossover superiority trial"

Lancet Digit Health 2025; 7: e136-44

Women in Clinical Research Lunch

Wednesday, 3 December 2025 | 12.00–13.30 | sitem-insel Flavour Kitchen

In collaboration with FELS Network

Meet **Prof. Mervyn Singer**

Keynote Speaker of the Day of Clinical Research

in an exclusive lunch setting.

Hear how he actively **supports and promotes women in clinical research**, gain insights into his perspectives and take the chance to engage in open, inspiring discussions with one of the leading minds in medicine.



Female
Empowerment in
Life
Sciences



Poster Display and Junior Research Highlights

Tuesday, 9 December 2025 | Felix Frey Auditorium E0.211, sitem-Insel

Poster Session

Junior and mid-career clinical researchers present ongoing and completed research in a Poster Display in two categories: "Clinical Studies" and "Imaging, Methodology and Technology". Each poster presenter will have 1 minute to summarize their work during the poster walk.

Oral Session

Junior and mid-career researchers will have the opportunity to present their ongoing or completed work in a modified PechaKucha or rapid-fire format.

Program

13.00	Poster Hanging and Viewing
13.30	Poster Walk Posters: "Clinical Studies" Posters: "Imaging, Methodology and Technology"
15.00	Junior Research Showcase Modified Pecha Kucha presentations of one completed studies, then five ongoing studies Chaired by: Prof. Dr. Uyen Huynh-Do Dr. med. Lydia Maderthaner Senior doctor, King's College, IoPPN, London, and Department of Neurology, Inselspital Bern "Sensor-Based Real-Life Assessment of Functional Movement Disorders (FMD): A Feasibility Study" Dr. med. Anja Dietze Resident, Department of Radiation Oncology, Inselspital Bern "COMPORT: COMpartmentalization in POstoperative RadioTherapy for Head and Neck Squamous Cell Carcinoma – A Phase II Clinical Trial"

Lucian Ulf Häfele

Clinical Research Associate, Department of Clinical Research (DCR), University of Bern
"The development of MASLD Among survivors of breast or colorectal cancer (EVALUATE)"

Dr. med. Yves Wintsch

Resident, Department of Visceral Surgery and Medicine, Inselspital Bern
"AI-guided postoperative infection surveillance: day-specific lab test recommendations tailored to surgical groups"

Robert Staeck

PhD Student, Institute of Social and Preventive Medicine (ISPM), University of Bern
"Physician emotional and personal self-disclosure during serious illness conversations: Effects on perceived trust, compassion, professionalism, and comfort"

Vera Bernhard

Data Scientist, Department of Clinical Research (DCR), University of Bern
"PsyNamic: A Living Systematic Review of Psychedelic Therapy in Psychiatric Disorders Using Large Language Models"

16.00 – 16.20	Break
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Poster Display and Junior Research Highlights

Tuesday, 9 December 2025 | Felix Frey Auditorium E0.211, sitem-Insel

16.20 Rapid Fire Presentations

9 Presentations, 3 Min each + 2 Min questions
Chaired by: PD Dr. Chris Saner, senior physician at Children's Clinic, Inselspital Bern

- **Dr. med. Ryota Kakizaki**
Department of Cardiology, Inselspital Bern
"Impact of Achieving Guideline-Endorsed LDL-Cholesterol Levels on Neoatherosclerosis Formation after STEMI: A Secondary Analysis of the CONNECT Randomized Clinical Trial"
- **Dr. Daniëlle Verschoor**
Postdoctoral Research Fellow, DCR / Segelov Research Group, University of Bern
"Gender disparities in academic careers: insight from habilitated researchers at the Medical Faculty in Bern"
- **Dr. med. Lukas Baumann**
ID Consultant, Department of Infectious Diseases, Infection Prevention and Control, Inselspital Bern
"Influenza vaccine elicited immune response in immunocompromised patients"
- **Dr. Patrick Bühlmann**
Advanced Postdoc, Department for BioMedical Research (DBMR), University of Bern
"Machine learning models to predict hepatocellular carcinoma recurrence after liver transplantation"
- **Dr. Jonathan Wermelinger**
Scientific Assistant, Department of Neurosurgery, Inselspital Bern
"The influence of a patient's mother tongue on parameters of cortico-cortical evoked potentials"
- **Dr. med. Fabio Ryser**
Resident, Department of Rheumatology and Immunology, Inselspital Bern

"Dupilumab Treatment Is Associated With Clinical Improvement and a Shift Toward a Health-Associated Nasal Passage Microbiota in Diffuse Type 2 Chronic Rhinosinusitis"

- **Dr. med. Lara Brockhus**
Scientific Assistant, Bern Institute for Primary Health Care (BIHAM), University of Bern
"The Effect of a Structured Drug Review on Death and Readmission in Patients with Heart Failure – a substudy of the OPERAM Trial"
- **Mayra Spizzo**
Research Assistant and PhD Candidate, Institute of Information Systems, University of Bern
"ChatGPT vs. Human? Interaction with Assistants to Generate Diagnoses"
- **Dr. Perrine Janiaud**
Senior Clinical Epidemiologist, Department of Clinical Research (DCR), University of Bern
"ChatGPT vs. Human? Interaction with Assistants to Generate Diagnoses"

17.10 – 17.45 Presentation of Prizes and Apéro

Prizes

200 CHF each
Best Poster in Clinical Studies
Best Poster in Imaging, methodology and technology
Best Oral Presentation Completed Studies
Best Oral Presentation Ongoing Studies
Best Rapid Fire Presentation

Poster Presenters

Tuesday, 9 December 2025 | Felix Frey Auditorium E0.211, sitem-Insel

Poster Presenters

Berk Can Acikgoz

PhD candidate at Department of Diagnostic, Interventional and Pediatric Radiology (DIPR), Inselspital Bern

"Hepatic PDFF quantification in patients with chronic liver disease using phase-cycled bSSFP"

Philipp Augsburger

PhD candidate at Department for BioMedical Research (DBMR), University of Bern

"Identifying early factors of unfavorable long-term health outcomes in girls with premature adrenarche"

Dr. Emily Louise Baadsvik

Member at the Chair of Bioimaging at Institute for Biomedical Engineering, ETH Zurich and University of Zurich

"Myelin Bilayer Mapping: A Novel MRI Approach for Quantifying Myelin Macromolecular Content"

Muriel Blatter

Master Thesis student at Bern Institute for Primary Health Care (BIHAM), University of Bern

"Deep Learning-Based Glioma Segmentation with Mueller Polarimetric Imaging: Error Sources and Performance Insights"

Dr. Tobias Blatter

Department of Visceral Surgery and Medicine, Inselspital Bern and Department for BioMedical Research (DBMR), University of Bern

"Higher Order Statistics of Perioperative Vital Signs as Early Predictors of Postoperative Infectious Complications"

Johannes Bruss

Department of Cardiology, Inselspital Bern
"NT-proBNP as a Predictor of Atrial Fibrillation Recurrence after Cryoballoon, Radiofrequency and Pulsed-Field Ablation"

Dr. med. Sigrid Breit

Doctor at University Hospital of Psychiatry and Psychotherapy, University of Bern

"The impact of semaglutide compared to bariatric surgery on obesity and mental illness outcome"

Louise Chaboud

PhD candidate at Department of Clinical Research, University of Bern

"Agreement of treatment effects in decentralized trials versus traditional trials: a meta-epidemiological study"

Susanne Dängeli

Therapy Expert, Physiotherapy at the Berner Reha Zentrum

"Physical Activity Monitoring After Inpatient Cardiopulmonary Rehabilitation: Device Preferences and Step Trajectories"

Olga Dmitrichenko

PhD candidate at Department of Neurology, Inselspital Bern

"The quest for the best: manual, atlas- and spatial prior-based delineation of locus coeruleus"

Dr. med. Eliane Dohner

Resident at Department of Visceral Surgery and Medicine, Inselspital Bern

"Correlation of Cyst Volume and Serological Kinetics in Hepatic Cystic Echinococcosis: Insights from Six Decades of Clinical Experience"

Jacqueline Dort

Master Thesis Student at University of Zurich
"Large scale assessment of public assessment reports for drug approval by six major regulatory authorities using LLMs"

Dr. med. Jonas Fischer

Resident at Department of Visceral Surgery and Medicine, Inselspital Bern

"Surgical Safety and Efficiency During an Electronic Health Record System Changeover: A Cohort Study"

Dr. Marco Gamardella

Fellow at Department of Cardiology, Inselspital Bern

"Cardiac Computed Tomography and Three-dimensional Transesophageal Echocardiography for Morphological Characterization and Device Sizing of the Left Atrial Appendage"

Éléa Gros

PhD candidate at Institute of Tissue Medicine and Pathology, University of Bern

"Building Multimodal Ground Truth: Aligning Histological and Polarimetric Whole Brain Images"

Dr. Hugo Guillen-Ramirez

Advanced Postdoc at Department of Visceral Surgery and Medicine, Inselspital Bern
"Clinically Informed Segmentation of Intra-operative Vital Signs: A Geometric Approach to Surgical Data Science"

Salome Häuselmann

PhD candidate at Department of Neurology, Inselspital Bern
"Microstructural white matter integrity in

relation to stress and pain measures in chronic primary pain"

Dr. Alan Haynes

Senior Statistician at Department of Clinical Research (DCR), University of Bern
"Improving Reproducibility in Clinical Research"

Nico Herwegh

PhD candidate at Center for Rehabilitation and Sports Medicine, Inselspital Bern
"Preliminary results from the MuscleHealth Study investigating Parameters of Muscle Health derived from Bio-Impedance and Mechanical Measurements as Indicators of Sarcopenia in Patients with Chronic Disease"

Julien Hirt

Community service worker at Department of Orthopaedic Surgery and Traumatology, Inselspital Bern
"Prevalence and Age Association of Morphological Variants of the Acetabular Lunate Surface";
"Gluteus Minimus Indentation: A Marker of Hip Instability in Patients With Acetabular Under-coverage and Femoral Torsional Abnormalities"

Arnas Jankauskas

University of Bern and at ETH Zürich
"Impact of Edema and Temperature on Polarimetric Imaging of Brain Tissue"

Flurina Jenal

Clinical Data Manager at Department of Clinical Research (DCR), University of Bern
"REDCap Insights & Key Figures"

Poster Presenters

Tuesday, 9 December 2025 | Felix Frey Auditorium E0.211, sitem-Insel

Chrysanthi Kouri

PhD candidate at Department of Paediatrics, Inselspital Bern and at Department for BioMedical Research (DBMR), University of Bern
"Long-Term health outcomes in adults with POR deficiency"

Dr. Tom Küffer

EP Lead Engineer at Department of Cardiology, Inselspital Bern
"Autonomic Effects of Pulsed Field Versus Cryoballoon Ablation: Insights from Continuous Rhythm Monitoring"

Anna Lange

PhD candidate at Institute of Social and Preventive Medicine (ISPM), University of Bern
"Key Stakeholder Perceptions of Medical Students' Training to Identify and Manage Their Emotions for Future Patient Care: A Qualitative Study"

Dr. med. Katharina Lucas

Resident at Department of Visceral Surgery and Medicine, Inselspital Bern
"AI-derived timelines after surgery: two actionable windows for preventing mortality and infection"

Marine Massy

Research associate at Department of Neurology, Inselspital Bern
"Female sex is associated with higher risk of experiencing a relapse after Fingolimod cessation"

Katrien Moens

PhD candidate at Institute of Social and Preventive Medicine (ISPM), University of Bern

"Clinicians' use of emotions during palliative care consultations: a social constructivist grounded theory."

Dr. André Moser

Senior Statistician at Department of Clinical Research (DCR), University of Bern
"Who's afraid of ordering?! A plea for using ordered clinical endpoints in planning clinical trials"

Dr. med. Henning Nilius

Resident at Department of Clinical Chemistry, Inselspital Bern
"Could the definition of "healthy" be the missing building block for precision medicine? First results from the laboratory reference cohort at Inselspital"

Dr. Eva Pedersen

Advanced Postdoctoral Research Fellow at Department of Clinical Research (DCR), University of Bern
"Gender-inequalities and experiences of academic career paths at the Faculty of Medicine, University of Bern."; "Professional Perspective on the Importance of Advance Care Planning: A Single-Oncology Center Study"

Rooholla Poursoleymani

PhD candidate at ARTORG Center for Biomedical Engineering Research, University of Bern
"Long-Term Risk Prediction of Type 2 Diabetes Using Early-Life and Genetic Data: A Machine Learning Approach in the Young Finns Study"

Dr. Omar Rodríguez Núñez

Postdoc researcher at Department of Neurosurgery, Inselspital Bern
"Feasibility study for in-vivo tissue classification during neurosurgery using imaging Mueller polarimetry"

Jessica Roos

Resident at Department of Neurology, Inselspital Bern
"Climate-related environmental factors and the impact on autoimmune inflammatory disorders of the central nervous system: a systematic review and meta-analysis"

Dr. med. Martin Scoglio

Resident at Department of Nephrology and Hypertension, Inselspital Bern
"Indapamide and Chlorthalidone to Reduce Urine Supersaturation for Secondary Prevention of Kidney Stones: a Randomized, Double-blind, Crossover Trial (INDAPACHLOR Trial)"

Dr. med. Bettina Serrallach

Department of Diagnostic and Interventional Neuroradiology, Inselspital Bern
"Impact of Time Delay Between Symptom Onset and Presentation on Brain MRI Findings and Lumbar Infusion Test Parameters in Spontaneous Intracranial Hypotension"

Xiao Shang

PhD candidate at Department of Ophthalmology, Inselspital Bern
"Lamina Cribrosa Morphology Change and the Rates of Peripapillary Retinal Nerve Fiber Layer Thinning in Glaucomatous Eyes after Trabeculectomy"

Anne Smit

PhD candidate at Department for BioMedical Research (DBMR), University of Bern
"Steroid profile mapping in the treatment control of 21-hydroxylase deficiency patients"

Theresa Storz

Department of Cardiology, Inselspital Bern
"Comparison of general anesthesia and deep sedation for complex atrial ablation procedures using a lattice-tip catheter with monopolar pulsed field and radiofrequency ablation"

Matteo Tagliabue

PhD candidate at Department of Diagnostic, Interventional and Pediatric Radiology (DIPR), Inselspital Bern
"Free-Breathing Quantitative Liver Mapping Using Fat-Suppressed 3D Radial Phase-Cycled bSSFP"

Maja Tarek

MD Student at Department of Clinical Research (DCR), University of Bern
"Systematic review of gender distribution throughout career path in academia in Europe"

Laura Winiger

Research Fellow at Department of Diabetes, Endocrinology, Nutritional Medicine and Metabolism, Inselspital Bern
"Brain Age in Adult Patients with Early-Treated Phenylketonuria"



28 January

From Collection to Cure: Managing Data That Drives Medicine

Eva Joho (MSc), Head of Data Management

Head of Data Management Unit at the Department of Clinical Research, University of Bern, specializing in research data governance and integrity.



25 February

Why individual learning is still important and how good online offers can support.

Prof. Dr. Phil. Sissel Guttormsen

Professor of Medical Education and Director of the Institute for Medical Education (IML) at the University of Bern, specialized in learning technologies and assessment.



25 March

The Swiss Brain Health Plan

Prof. Dr. med. Claudio L. A. Bassetti

Dean, Faculty of Medicine at the University of Bern, neurologist renowned for pioneering sleep–stroke research and leading academic neuroscience.



29 April

Genetic Studies in Underrepresented Populations: Insights from Sickle Cell Disease and Cystic Fibrosis in African Communities

Prof. Dr. Hugues Abriel

Vice-Rector for Research and Innovation, University of Bern, and Group Leader, Institute of Biochemistry and Molecular Medicine, specializing in genetic channelopathies and partnering with African universities on rare disease research.



20 May

Stem cell-based therapy of perinatal brain injury: From bench to bedside

Prof. Dr. med. Daniel Surbek

Head of Obstetrics and Maternal-Fetal Medicine and Managing Co-Director at the Inselspital Bern.

24 June

Prof. Dr. Leonhard Held

Professor of Biostatistics at the University of Zurich, Director of the Centre for Reproducible Science, and a specialist in spatial, Bayesian and applied methods for health research.

26 August

From Anecdote to Evidence - The DO-IT Journey in Anticoagulated Stroke Patients

PD Dr. Med. Thomas Raphael Meinel, PhD

Senior Physician at the Stroke Center, Inselspital Bern, researches cerebrovascular disease, cardiac diagnostics, and advances neurological education and evidence-based stroke care.

30 September

Milan Scheidegger, MD, PhD, MA HPK

Psychiatrist and neuroscientist leading psychedelic research at the University of Zurich, bridging neuropharmacology, therapy innovation, and mental health treatment.

28 October

Lum Kastrati, MD, PhD

Clinical-scientist specialising in real-world evidence, meta-research and cardiometabolic risk prediction.

25 November

Ethics in Clinical Practice: Prescription, dosage and moral side effects

Prof. Dr. Rouven Porz

Head of the Clinical Ethics Unit, Inselspital Bern, and President of the EACME (European Association of Centres of Medical Ethics).



Department of Clinical Research (DCR)

Advancing Clinical Research at the University of Bern

Research

The Department of Clinical Research (DCR) is the academic center for knowledge transfer and expert services related to clinical research at the University of Bern and University Hospital Clinics.

The DCR fosters professional, interdisciplinary collaboration in all aspects of clinical translation research and is dedicated to improving health outcomes through impactful, high-quality research.

Our own research initiatives aim to advance scientific knowledge and healthcare innovation, spanning both methodological development and practical application.

Key areas include:

- **Consulting**—Assistance in choosing appropriate designs, methods, procedures, and tools for research projects.
- **Research Groups**—Advancing knowledge through active engagement in multiple research projects across diverse scientific fields.
- **Medical Data Science Unit**—Advanced analytics, digital health methods and machine learning applications in clinical research.
- **Clinical Trial Methodology**—Developing novel tools, models and statistical approaches to enhance the design, conduct and analysis of clinical trials.
- **Education**—DCR offers a wide range of courses relevant to Clinical Researchers.

"We support your project from the initial idea to publication."

Collaborations / Services

The DCR offers comprehensive support throughout the complete research lifecycle of a clinical trial, from study conception to dissemination of results.

Collaborations / Services include:

- **Patient and Public Involvement (PPI)**—Exploring effective approaches to integrate patients and the public into all phases of the research process.
- **Clinical Study Management & Regulatory Affairs**—Support in study planning, methodology, project management, and regulatory compliance.
- **Data Management**—Expertise in handling and analyzing research data.
- **Monitoring**—Ensuring the integrity and quality of clinical trials.
- **Statistics and Methodology**—Statistical support for study design and data analysis.
- **Quality Management**—Maintenance and development of internal Quality Management Systems, ensuring adherence to legal and scientific principles.
- **Study Conduct (Study Nurses)**—Conduct on-site visits and manage study participant-related activities.
- **Medical Data Science**—including use of EPIC Data
- **Evidence Synthesis**—Systematic reviews and Delphi processes

dcr.unibe.ch



DCR Education Courses 2026

Save the Date

Clinical Investigator I: Basic GCP and Clinical Research Training

- 29 September

Clinical Investigator II: Advanced GCP and Clinical Research Training

- 5 May
- 24 November

GCP Refresher Training for Clinical Research

- 21 April
- 27 October

Medical Grant Writing for Clinicians

- 11 August
- 8 September
- 4 November

Advanced Statistics for Clinicians

- 15 September
- 20 October
- 17 November
- 15 December

Patient and Public Involvement for Clinicians

- 17 February

Clinical Trials in Action

- upon request

Contemporary Models of Clinical Research Excellence

- Available mid 2026

We are looking forward to welcoming all of you to the 4th DCR Day of Clinical Research.

Mark your calendars for

1 December 2026

Stay connected and follow us

LinkedIn



DCR Courses
Pre-Registration



dcr.unibe.ch





DEPARTMENT OF
CLINICAL RESEARCH

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Inselspital

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