



HOSTS

OF ENO ENTER

Dr. Carine Ali

University of Caen Normandy
Caen, France



- **Type of neurotrauma:** Traumatic brain injury (and related forms)
- **Clinical/experimental:** Experimental
- **Focus:** Animal models, immunoMRI
- **Project suggestions:** Molecular imaging of TBI, histological analyses
- **Offers mentoring beyond exchange stay:** Yes
- **Suggestions for activities outside the lab:** Visit WW-II memorial, beaches, Mont Saint Michel
- **Link to website:** <https://www.bb-c.fr>

Dr. Leda Dimou

University of Ulm
Ulm, Germany



- **Type of neurotrauma:** Traumatic brain injury (and related forms)
- **Clinical/experimental:** Experimental
- **Focus:** Animal models, glial cell reaction, neurodegeneration
- **Project suggestions:** Effects of TBI on the brains of healthy and Parkinson's Disease mouse models
- **Offers mentoring beyond exchange stay:** Yes
- **Suggestions for activities outside the lab:** Visit Ulmer Münster (tallest church in the world)
- **Link to website:** –

Dr. Valentina Di Pietro

University of Birmingham
Birmingham, United Kingdom



- **Type of neurotrauma:** Traumatic brain injury (and related forms)
- **Clinical/experimental:** Experimental
- **Focus:** Biomarkers, animal models, cell biology
- **Project suggestions:** Functional study of microRNAs involved in TBI
- **Offers mentoring beyond exchange stay:** Yes
- **Suggestions for activities outside the lab:** Enjoy sea life and Cadbury factory (Birmingham)
- **Link to website:** www.birmingham.ac.uk/staff/profiles/inflammation-ageing/dipietro-valentina

Dr. Rebecca Henry

University College Dublin
Dublin, Ireland



- **Type of neurotrauma:** Traumatic brain injury (and related forms)
- **Clinical/experimental:** Experimental
- **Focus:** Animal models, neuroinflammation, immunometabolism, obesity
- **Project suggestions:**
 - Investigate the impact of co-morbid diet-induced obesity and TBI on adipose tissue/liver inflammation (qRT-PCR, ELISA, histology)
 - Explore microglia immunometabolic changes in TBI (in vitro models, Seahorse analysis)
 - Determine the impact of TBI with/without diet on microglia
- **Offers mentoring beyond exchange stay:** Yes
- **Suggestions for activities outside the lab:** Visit Kilmainham goal museum, Howth Cliff walk, seafood
- **Link to website:** <https://people.ucd.ie/rebecca.henry/about>

Dr. Andrew Greenhalgh

University of Manchester
Manchester, United Kingdom



- **Type of neurotrauma:** Traumatic brain injury (and related forms)
- **Clinical/experimental:** Experimental
- **Focus:** Neuroimmunology, meningeal barriers, repeated head injury
- **Project suggestions:** Assessing the meningeal response to repeated head injury (RHI) with high-dimensional flow cytometry (conventional/spectral). Modulating the immune response and behavioural outcomes in RHI.
- **Offers mentoring beyond exchange stay:** Yes
- **Suggestions for activities outside the lab:** Hiking in the Peak District, live music events
- **Link to website:** <https://sites.manchester.ac.uk/lydia-becker-institute/2024/09/19/could-the-immune-system-be-responsible-for-the-acute-symptoms-and-long-term-issues-associated-with-concussion/>

Dr. Elisabeth Kaufmann

Ludwig-Maximilians-Universität
Munich, Germany



- **Type of neurotrauma:** Traumatic brain injury (and related forms), brain trauma due to seizures
- **Clinical/experimental:** Clinical
- **Focus:** Optical coherence tomography (OCT), neuroimaging
- **Project suggestions:** Evaluation of the acute effects of brain trauma on the retinal integrity, assessed via OCT
- **Offers mentoring beyond exchange stay:** Yes
- **Suggestions for activities outside the lab:** Discover the beauty of Munich and the surrounding area
- **Link to website:** www.lmu-klinikum.de/neurologie/forschung-studien/epilepsie/35c1a05f9aa0c86d

Dr. Inga Koerte

Ludwig-Maximilians-Universität
Munich, Germany



- **Type of neurotrauma:** Traumatic brain injury (and related forms)
- **Clinical/experimental:** Clinical
- **Focus:** Neuroimaging
- **Project suggestions:**
 - Effect of mild TBI in children and adolescents across pubertal stages
 - Long-term effects of repetitive head impacts in contact-sports
 - How does the brain respond to injury during intoxication, as studied in our unique Oktoberfest project
 - Why do men and women recover differently from brain injury
 - Neurobiological underpinnings in neuroimaging of rodents
- **Offers mentoring beyond exchange stay:** Yes
- **Suggestions for activities outside the lab:** Visit English Garden, beer gardens, Oktoberfest, hiking in Alps, museums
- **Link to website:** www.pediatric-neuroimaging.de

Dr. David Loane

Trinity College Dublin
Dublin, Ireland



- **Type of neurotrauma:** Traumatic brain injury (and related forms)
- **Clinical/experimental:** Experimental
- **Focus:** Animal models, inflammation, neurodegeneration, aging, neuroprotection
- **Project suggestions:** Neuroimmune mechanisms in TBI using genetic and cellular models
- **Offers mentoring beyond exchange stay:** Yes
- **Suggestions for activities outside the lab:** Hiking in Irish countryside (e.g. Connemara), attend sporting events (e.g. rugby, soccer, GAA), visiting Irish pubs (e.g. Guinness Storehouse), dining in city restaurants
- **Link to website:** www.tcd.ie/biochemistry/research/loane

Dr. Niklas Marklund

Lund University,
Lund, Sweden



- **Type of neurotrauma:** Traumatic brain injury (and related forms)
- **Clinical/experimental:** Clinical and experimental
- **Focus:** Axonal/white matter injury, behavioral sequelae, link to dementia
- **Project suggestions:**
 - Immunohistochemistry/confocal imaging
 - Behavioral assessment
 - Analysis of human TBI tissue
- **Offers mentoring beyond exchange stay:** Yes
- **Suggestions for activities outside the lab:** Enjoy “student life” in Lund, Skissernas Museum, Malmö exhibits and concerts
- **Link to website:** <https://portal.research.lu.se/sv/organisations/lubin-lab-lund-brain-injury-laboratory-for-neurosurgical-research>

Dr. Virginia Newcombe

University of Cambridge
Cambridge, United Kingdom



- **Type of neurotrauma:** Traumatic brain injury (and related forms)
- **Clinical/experimental:** Clinical
- **Focus:** Neuroimaging, biomarkers, prognostication
- **Project suggestions:** Biomarkers for diagnosis and prognosis after mild TBI
- **Offers mentoring beyond exchange stay:** Yes
- **Suggestions for activities outside the lab:** Punting on the river Cam, explore a college, tea in Grantchester, Fitzwilliam museum, visit London
- **Link to website:** www.tbiresearch.co.uk

Dr. Carmen Nussbaum

Ludwig-Maximilians-Universität
Munich, Germany



- **Type of neurotrauma:** Traumatic brain injury (and related forms)
- **Clinical/experimental:** Experimental
- **Focus:** C. elegans model, cell biology
- **Project suggestions:** Elucidating the long-term effects of neurotrauma during aging
- **Offers mentoring beyond exchange stay:** Yes
- **Suggestions for activities outside the lab:** Visit Haus der Kunst, English Garden with Eisbach
- **Link to website:** <https://nussbaumlabor.com>

Dr. Matej Oresic

Örebro University
Örebro, Sweden



- **Type of neurotrauma:** Traumatic brain injury (and related forms)
- **Clinical/experimental:** Metabolomics/lipidomics from patient samples and experimental models
- **Focus:** Fluid biomarkers and systems biology of TBI
- **Project suggestions:**
 - Metabolomic analyses of Center-TBI and TBI-REPORTER data
 - Metabolomic, proteomic, and gut microbiome analyses of longitudinal blood, stool, and brain microdialysis (in sTBI) samples
- **Offers mentoring beyond exchange stay:** Yes
- **Suggestions for activities outside the lab:** Explore the city of Örebro with its historic castle and plenty of choices for dining and entertainment, explore the Swedish lake region
- **Link to website:** www.oru.se/english/research/research-groups/rg/?rdb=g326

Dr. Katrin Rauen

Universität Zürich,
Zurich, Switzerland



- **Type of neurotrauma:** Traumatic brain injury (and related forms)
- **Clinical/experimental:** Clinical
- **Focus:** Multimodal clinical trial in mild TBI patients including quality of life, cognition, psychiatric and sleep disorders, neuroinflammation, neurodegenerative markers, advanced neuroimaging techniques
- **Project suggestions:** Psychometric outcome assessments and neuroimaging
- **Offers mentoring beyond exchange stay:** Yes
- **Suggestions for activities outside the lab:** Explore Zurich and the Swiss mountains
- **Link to website:**
www.neuroscience.uzh.ch/en/research/index_alphabetical.html#R

Dr. Francesco Roselli

University of Ulm
Ulm, Germany



- **Type of neurotrauma:** Traumatic brain injury (and related forms), spinal cord injury
- **Clinical/experimental:** Clinical, experimental
- **Focus:** Neuroinflammation, neurobiology, vascular biology, neuroimaging, metabolism, biomarkers
- **Project suggestions:** Human astrocyte metabolism
- **Offers mentoring beyond exchange stay:** Yes
- **Suggestions for activities outside the lab:** Visit Ulmer Münster, travel to the mountains
- **Link to website:** <https://francescoroselli.wixsite.com/rosellilab>

Dr. Elisa Zanier

Mario Negri Institute,
Milano, Italy



- **Type of neurotrauma:** Traumatic brain injury (and related forms)
- **Clinical/experimental:** Experimental
- **Focus:** Neurodegeneration, biomarkers, cell therapy
- **Project suggestions:**
 - Mechanistic link driving transition from biomechanical impact to neurodegeneration
 - Astrocytic involvement in post-traumatic epilepsy
 - Electrophysiological signatures of brain injury evolution and repair
- **Offers mentoring beyond exchange stay:** Yes
- **Suggestions for activities outside the lab:** Visit Duomo di Milano, Leonardo da Vinci's The Last Supper, Sforza Castle, nightlife in Navigli District
- **Link to website:** www.marionegri.it/departments/acute-brain-and-cardiovascular-injury