CENTER OF NEUROLOGY

TÜBINGEN

ANNUAL REPORT 2011

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AWARDS

FUNDING

CLINICAL STUDIES

APPENDIX

PUBLICATIONS

University Hospital for Neurology
General Neurology
Neurology and Epileptology
Neurodegenerative Diseases
Cognitive Neurology
Cellular Neurology
Independent Research Groups
Publications in 2011

STAFF

TRAINING

CONFERENCES

APPENDIX

UNIVERSITY HOSPITAL OF NEUROLOGY

Head of Nursing Services

Monika Renner (PDL)
Klaus Siegle
Lieselotte Wollny

Station 41

Rainer Frey
Martina Gockner
Joachim Kraus
Benjamin Wurster

Station 42

Annette Eisele
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Iris Sadowski
Ulrike Schweizer
Sarah Sciarrone
Gudrun Siegl

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Emily Paul
Al Mahmoud Riyad
Inga Zengerle

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Nathalie Jaschinsky

Schüler

Larisa Gerasimenko
Christina Renz

Intensive Care/Stroke Unit

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Tobias Göttermann
Carmen Haag
Frank Hauber
Ilona Jankowsky
Regina Johner
Petra Kaschowitz
Dominik Kleck
Ines Lange
Christine Löw
Samanta Mekanovic
Jessica Meiß
Annette Mögle
Christine Moosmann
Birgit Moryson
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Christine Reuter
Claudia Romeikat
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Mirijam Schäfer
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Thyra Schmuck
Tanja Stiebich
Lothar Villinger
Angelika Weber
Gerda Weise
Bettina Weisser
Eva Wener-Buck
Barbara Werner
Ulrike Zimmermann

Case/Occupancy Management

Ulrich Braun
Wilhelm Eissler
Christina Tomschitz

Technicians

Margarete Dengler (EEG)
Anke Deutsch (EP)
Evelyn Dubois (CFS Chemistry)
Siegfried Ebner (CSF Chemistry)
Andrea Eckert (CSF Chemistry)
Carry Friedrich (ENG)
Jutta Grimm (EMG)
Renate Mahle (EEG, Neurosono)
Petra Schroth (CSF Chemistry)
Nathalie Vetter (ENG, Neurosono)
Barbara Wörner (EEG)

Secretaries

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Christine Riegraf
Annette Schmid
Susanne Stimmler
Diana Thomma
Doris Wieder

Medical Documentation

Sonja Brandner
Christine Brick
Horst Feuerbacher

APPENDIX

DEPARTMENT OF GENERAL NEUROLOGY

CLINICAL AND SCIENTIFIC STAFF

Head of the Department

Prof. Dr. Arthur Melms (Acting-Chairman)

Group leaders/Attending physicians

Prof. Dr. Herrmann Ackermann
PD Dr. Friedrich Asmus (unitil 01/2011)
PD Dr. Felix Bischof
Dr. Christoph Bux
Dr. Jite Erharhaghen (neuro-cardiology)
Prof. Dr. Thomas Haarmeier (until 06/2011)
PD Dr. Ulrike Naumann

Scientists/Residents

Dr. Eleni Adamopoulou
Dr. Christian Braun
Anne Clermont (unti 03/2011)
Christian Frischholtz
Dr. Ingo Hertrich
Juliane Klose
Dr. Benjamin Liske
Oliver Podlech
Oliver Preische
Dr. Caroline Schell
Dr. Dennis Schlak
Janina Seznec
Björn Silkenstedt
Marianne Varga
Martin Wolf
Dr. Lena Zeltner
Leopold Zizlsperger (until 08/2011)

Technical staff/Administration

S. Altenberendt
Dipl.-Ing. Rüdiger Berndt (Electronics, together with the Dept. of Cognitive Neurology)
Evelyn Dubois
Andrea Eckert
U. Hamacher
C. Herrmann
Simone Pöschel
Petra Schroth
Thilo Stehle

Medical Doctoral Students/Diploma Students

Iris Fischer
Peter Hoffmann
Elisabeth Höring
Fredrik Piehl
Jan Piehl
Lena Weber

Professorship for Neurorehabilitation

Prof. Dr. H. Ackermann
PD Dr. Ingo Hertrich

CLINICAL STUDIES

AX200 for the treatment of ischemic stroke A randomized, double-blind, placebo-controlled, phase II trial
Investigators: Arthur Melms, Thomas Haarmeier

WA 21493: A Phase II, multicenter, randomized, placebo and Avonex controlled dose finding study to evaluate the efficacy and safety of ocrelizumab in patients with relapsing-remitting multiple sclerosis.
Investigators: Arthur Melms, Felix Bischof

A double blind, placebo-controlled study of the safety and efficacy of ONO-4641 in patients with relapsing-remitting multiple sclerosis
Investigators: Arthur Melms, Felix Bischof

A randomized, open-label, multi-center Phase II trial of bevacizumab and radiotherapy followed by bevacizumab and irinotecan vs. temozolomide and radiotherapy followed by temozolomide monotherapy in patients with newly diagnosed glioblastoma and a non-methylated MGMT-promoter (GLARIUS)
Investigators: Christian Braun, Christoph Bux

NOA-08: Temozolomide (one week on/one week off) versus radiotherapy for first-line therapy of anaplastic astrocytoma and glioblastoma in the elderly: a randomized phase III study (Methvsalem) (phase III, recruitment ongoing)
Investigator: Christian Braun (previously Wolfgang Wick)

Primary chemotherapy with temozolomide vs. radiotherapy in patients with low grade gliomas after stratification for genetic 1p loss: a phase III study (EORTC 22033/26033) (phase III, recruitment ongoing)
Investigator: Christian Braun (previously Friederike Schmidt)

NOA05 Phase II-Studie zur Chemotherapie und Strahlentherapie der Gliomatosis cerebri
Investigator: Christian Braun (previously Ulrich Herrlinger)

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DEPARTMENT OF GENERAL NEUROLOGY

OSAG101 Multizentrische Phase III-Studie zur randomisierten Prüfung der Kombination aus Bestrahlung + Temodal + OSAG 101 versus Bestrahlung + Temodal
Investigator: Arthur Melms (previously Joachim Steinbach)

THIRD-PARTY FUNDING

Ongoing Grants

Erforschung der Molekularen Mechanismen einer ISCADOR-Behandlung im Glioblastom

Project leader:	PD Dr. Ulrike Naumann
Funding institution:	Hans Sauer Stiftung
Funding period:	01/2009 – 12/2011
Awarded on:	December 2008

Neurorehabilitation

Project leader:	Prof. Dr. Herrmann Ackermann
Funding institution:	Kooperationsvertrag Hohenurach
Funding period:	01/2007 – 12/2011

Clinical studies

Project leader:	Prof. Dr. Arthur Melms, and co-workers
Funding institution:	Pharmaceutical industry
Funding period:	01/2011 – 12/2011

SFB 685: Immunotherapy: Molecular Basis and Clinical Application
Project B2: T-cells and generation of antigens: Proteases in the MHC II pathway

Project leader:	Prof. Dr. Arthur Melms, Dr. Hubert Kalbacher
Funding institution:	DFG
Funding period:	07/2009-06/2013

MEDICAL THESES (COMPLETED IN 2011)

Applicant:	Alla Ryzhkova

Unterdrückung von Autoimmunreaktionen durch synthetische Copolymere

Supervisor:	Felix Bischof

STUDENT TRAINING

Lectures (Summer Term/Winter Term)

Brain Tumors
Faculty: Medicine: Graduate School for Cellular Neurology, Molecular Medicine

(1) Oncolytic Adenoviruses as Cancer Therapeutic Drugs
(2) Basics in Gene Therapy
(3) Literature: Molecular Neurooncology

Faculty:	Medicine
Coordinator:	PD Dr. Ulrike Naumann

LAB ROTATIONS

Summer Term 2011

Shohag Bhattacharyya
Effects of the expression of carboxypeptidase E in cytoskeletal formation of GBM cells
Coordinator: PD Dr. Ulrike Naumann

Winter Term 2011/2012

Katharina Böhm
Generation of adenoviruses expressing the N-terminus of cGKI-alpha or cGKI-beta
Coordinator: PD Dr. Ulrike Naumann

APPENDIX

DEPARTMENT OF EPILEPTOLOGY

CLINICAL AND SCIENTIFIC STAFF

Head of the Department

Prof. Dr. Holger Lerche

Group leaders/Attending physicians

PD Dr. Yvonne Weber
PD Dr. Marcel Dihné
PD Dr. Tobias Schmidt-Wilcke

Scientists/Residents

Felicitas Becker
Merle Bock
Dr. Nele Dammeier
Natalie Dorst
Yvonne Füll
Dr. Ulrike Hedrich
Dr. Yuanyuan Liu
Dr. Snezana Maljevic
Stephan Müller,
Dr. Barbara Kieninger
Dr. Daniel Kirschenbaum
Dr. Silke Klamer
Dr. Henner Koch
Martina Krautwald
Cristina Niturad
Dr. Gökce Orhan
Julian Schubert
Dr. Georgeta Teodorescu
Dr. Teresa Ulrich
Dr. Janine Walter
Dr. Stephan Wolking
Dr. Thomas Wuttke
Mariana Zaichuk

Technical staff/Administration

Yasemin Colakoglu
Jane Gollub
Christian Hengsbach
Nicole Jezutkovic
Heidrun Löffler
Sarah Rau
Annette Schmid

Medical Doctoral Students

Julia Knaus
Stephan Lauxmann
Andreas Naros
Niklas Schwarz

Master Students

Dorien Schepers

Other

Bachelor:
Sarah Merkle
Stephanie-Nadine Reichel

CLINICAL STUDIES

Investigators: Prof. Dr. H. Lerche, PD Dr. Y. Weber, Dr. S. Klamer, Dr. S. Wolking, N. Dorst, Dr. Schwendemann, Dr. N. Dammeier

Retigabin-Studie

„An Open-Label, Flexible-Dose Study of Retigabine immediate Release (IR) as Adjunctive Therapy to Specified monotherapy Antiepileptic Treatments in Adults with Partial-Onset Seizures." - GlaxoSmithKline Research & Development Limited

Vimpat Beobachtungs Studie

„Eine nicht-intervemtionelle Beobachtungsstudie zur Evaluation der Verträglichkeit und der Anfallskontrolle mit VIMPAT als Zusatztherapie zu einem Basisantiepileptikum bei Epilepsiepatienten mit fokalen Anfällen mit oder ohne sekundärer Generalisierung in der alltäglichen klinischen Praxis in Deutschland." – UCB, Monheim

Vimpat i. v. Studie/Register

„Einsatz von Lacosamid (Vimpat) i. v. in der klinischen Praxis" – Universitätsklinikum Kiel, Prof. Dr. med. U. Stephani

Perampanel Studie

„A Double-blind, randomized, Placebo-controlled, Multicenter, Parallel-group Study with an Open-label Extension Phase to Evaluate the Efficacy and Safety of Adjunctive Perampanel in Primary generalized Tonic-Clonic Seizures" - Eisai Inc. and Eisai Limited/PPD Germany GmbH

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DEPARTMENT OF EPILEPTOLOGY

EslicarbazepinStudie

„An Open-Label, Flexible-Dose Study of Retigabine immediate Release (IR) „Efficacy and Safety of Eslicarbazepine Acetate (BIA 2-093) as Monotherapy for Patients with newly diagnosed Partial-Onset Seizures: A Double-Blind, Randomized, Active-Controlled, Parallel-Group, Multicenter Clinical Study." – Bial, Portugal/Scope International, Mannheim

Midazolam Cluster Studie

„A Randomized, Double-Blind, Placebo-Controlled Study of the Safety and Efficacy of Intranasal Midazolam (USL261) in the Outpatient Treatment of Subjects with Seizure Clusters." – Upsher-Smith Labs/Pharmanet

THIRD-PARTY FUNDING

Ongoing Grants

Epilepsy and Migraine Integrated Network, 'Functional analysis of human ion channel mutations in cellular and animal models' (EMINet)

Project leader:	Prof. Dr. Holger Lerche
Funding institution:	BMBF (Nationales Genomforschungsnetz, NGFNplus)
Funding period:	05/2008-04/2013
Awarded on:	May 15, 2008

Genotype-phenotype correlations and disease mechanisms in benign familial neonatal seizures

Project leader:	Prof. Dr. Holger Lerche
Funding institution:	BFNS
Funding period:	05/2008-12/2011
Awarded on:	June 04, 2008

Consequences of mutations associated with idiopathic epilepsies and pharmacoresistance

Project leader:	Prof. Dr. Holger Lerche
Funding institution:	EU FP6 Integrated Project EPICURE
Funding period:	01/2007-06/2011
Awarded on:	2006

Differential role of neuronal Na^+channels

Project leader:	Prof. Dr. Holger Lerche
Funding institution:	DFG LE 1030/10-1
Funding period:	07/2006-06/2011
Awarded on:	March 2009

Rekrutierung von Patienten für genetische und pharmakogenetische Untersuchungen bei Epilepsien

Project leader:	Prof. Dr. Holger Lerche, PD Dr. Yvonne Weber
Funding institution:	Deutsche Gesellschaft für Epileptologie und pharmazeutische Industrie (UCB))
Funding period:	2010-2012
Awarded on:	May 11, 2010

Genotype-Phenotype correlations and disease mechanisms in benign familial neonatal seizures

Project leader:	Prof. Dr. Holger Lerche
Funding institution:	BFNS
Funding period:	05/2008-12/2011
Awarded on:	June 4, 2008

Generierung humaner, funktioneller neuronaler Netzwerke durch Kombination von Mikroelektroden Array- und embryonaler Stammzell-Technologie, ESSENCE

Project leader:	PD Dr. Marcel Dihné
Funding institution:	BMBF
Funding period:	2010-10/2013
Awarded on:	2009

New Grants

EuroEPINOMICS-FP-005: Complex genetics of Idiopathic Epilepsy (CoGIE)

Project leader:	Prof. Dr. Holger Lerche (coordinator), Dr. Snezana Maljevic
Funding institution:	DFG (via ESF EUROCORES)
Funding period:	07/2011 – 12/2014
Awarded on:	May 3, 2011

German Network of Neurological and Ophthalmological Ion Channel Disorders (IonNeurONet)

Project leader:	Prof. Dr. Holger Lerche (coordinator), Dr. Snezana Maljevic
Funding institution:	BMBF (Netzwerk “Seltene Erkrankungen”)
Funding period:	03/2012 – 03/2015
Awarded on:	September 16, 2011

Epilepsy Pharmacogenomics: delivering biomarkers for clinical use (EpiPGX)

Project leader:	Prof. Dr. Holger Lerche (deputy speaker)
Funding institution:	EU-279062
Funding period:	11/2011-12/2015
Awarded on:	July 2011

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DEPARTMENT OF EPILEPTOLOGY

Pharmacogenomics in the treatment of epilepsy' (IZEPHA) Twinning Grant

Project leader:	Prof. Dr. Holger Lerche
Funding institution:	50% Robert-Bosch-Stiftung, 50% Universität Tübingen
Funding period:	12/2011-11/2012
Awarded on:	April 12, 2011

MEDICAL THESES (COMPLETED IN 2011)

Applicant: Georgios Naros

Funktionelle Analyse einer neuen dominant-negativen Mutation des KCNQ2 Kaliumkanals und die elektrophysiologische Charakterisierung hippokampaler Neurone von KCNQ2 Knock-Out Mäusen im Hinblick auf die Bedeutung bei benignen familiären Neugeborenenkrämpfen

Supervisor: Prof. Dr. H. Lerche

DIPLOMA/MASTERS THESES (COMPLETED IN 2011)

Applicant: Dorien Schepers

Functional analysis of new KCNQ2 mutations associated with epileptic encephalopathy

Supervisor:	Prof. Dr. H. Lerche, Dr. S. Maljevic/Prof P. DeJonghe
Faculty:	University of Antwerp, Belgium

CONFERENCES

Young Neurologists Summer School 2011
25.07.-29.07.2011
Scientific Coordinators: Prof. Dr. H. Lerche, Dr. B. Liske, Dr. T. Wächter

Hertie-Institute for Clinical Brain Research – 10th Anniversary Symposium
07.10.-08.10.2011
Scientific Coordinators: Prof. Dr. Th. Gasser, Prof. Dr. H. Lerche, Prof. Dr. A. Melms, Prof. Dr. Thier, Prof. Dr. M. Jucker

Symposium für Epilepsie und Onkologie
29.01.2011
Scientific Coordinators: Prof. Dr. Holger Lerche, Dr. Benjamin Liske, Dr. Tobias Wächter

Stuttgarter Epilepsietag
25.07.-29.07.2011
Scientific Coordinators: Prof. Dr. A. Melms, Prof. Dr. H. Lerche, Prof. Dr. M. Tatagiba, Dr. S. Rona, Dr. I. Krägeloh-Mannr

Fortbildung Neurologie
14.05.2011
Scientific Coordinators: Prof. Dr. Th. Gasser, Prof. Dr. H. Lerche, Prof. Dr. A. Melms, PD Dr. Y. Weber

STUDENT TRAINING

Lectures (Summer Term/Winter Term)

Channelopathies
Faculty: "Genetic and Molecular Basis of Neural Diseases II", Graduate School of Cellular and Molecular Neuroscience
Coordinator: Prof. Dr. H. Lerche, Dr. S. Maljevic

Vorlesung Neurologie
Faculty: Faculty of Medicine
Coordinator: Prof. Dr. H. Lerche

Grundlagen Neurol. Therapie und Diagnostik
Faculty: Faculty of Medicine
Coordinator: Prof. Dr. H. Lerche

TüKliS Klinisches pharmakologisches Fallseminar PJ-Unterricht
Faculty: Dept. of Neurology and Epileptology, Hertie Institute of Clinical Brain Research, Center of Neurology, University of Tübingen
Coordinator: Prof. Dr. H. Lerche

EEG-Seminar/Epilepsie-Fallbesprechung
Faculty: Dept. of Neurology and Epileptology, Hertie Institute of Clinical Brain Research, Center of Neurology, University of Tübingen
Coordinator: Prof. Dr. H. Lerche

Wissenschaftliches Kolloquium
Faculty: Dept. of Neurology and Epileptology, Hertie Institute of Clinical Brain Research, Center of Neurology, University of Tübingen
Coordinator: Prof. Dr. H. Lerche

Seminars and Courses

Title: Workshop Molekulare Medizin
Host: Dr. S. Maljevic
Coordinator: PD Dr. U. Naumann

Title: IPSC Journal Club
Host: Dr. S. Maljevic, Dr. O. Rothfuss, B. Schmid
Coordinator: Dr. S. Maljevic

LAB ROTATIONS

Winter Term 2011/2012
Gizem Inak
Characterisation of novel KCNQ2 mutations associated with severe epileptic encephalopathies
Coordinator: Dr. S. Maljevic

Mehtap Bacioglu
Characterization of layer 2/3 cortical interneurons in a GEFS+ mouse model
Coordinator: Dr. U. Hedrich

APPENDIX

DEPARTMENT OF NEURODEGENERATIVE DISEASES

CLINICAL AND SCIENTIFIC STAFF

Head of the Department

Prof. Dr. Thomas Gasser

Group leaders/Attending physicians

Prof. Dr. Daniela Berg
Dr. Dr. Saskia Biskup
Prof. Dr. Philipp Kahle
Prof. Dr. Rejko Krüger
PD Dr. Walter Mätzler
Prof. Dr. Ludger Schöls

Scientists/Residents

PD Dr. Sorin Breit
Dr. Kathrin Brockmann
Dr. Lena Burbulla
Andres Caballero
Maik Engeholm
Dr. Fabienne Fiesel
Dr. Monika Fruhmann-Berger
Dr. Natalja Funk
Claudia Funke
Dr. Alexandra Gaenslen
Marta Garcia-Miralles
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Dr. Jana Godau
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Friederike Hans
Andreas Hummel
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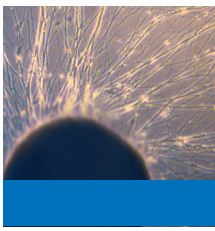
Martin Kuss
Dr. Stefanie Lerche
Dr. Rajka Liscic
Dr. Carina Mielke
Dr. Jennifer Müller vom Hagen
Carolin Obermaier
Ekaterina Otroshchenko
Emmy Rannikko
Erik Riesch
Carola Rotermund
Heinrich Schell
Dr. Julia Schicks

Benjamin Schmid
Stefan Schmid
David Schöndorf
Dr. Rebecca Schüle
Claudia Schulte
Dr. Manu Sharma
Poonam Sood
Vicky Spain
Dr. Wolfdieter Springer
Dr. Karin Srulijes
Dr. Matthis Synofzik
Catherine Thömmes
Dr. Tobias Wächter
Dr. Daniel Weiss
Dr. Sarah Wiethoff
Dr. Martina Wölfle
Dr. Isabel Wurster

Technical staff/Administration



Maren Albers
Cindy Boden
Christian Deuschle
Christian Erhardt
Dr. Bettina Faust
Katharina Gauss
Christina Gluitz
Christine Haaga
Tanja Heger
Mirjam Knöll
Tilman König
Brigitte Maurer
Petra Mech
Marita Munz
Dr. Angelika Oehmig
Ina Posner
Heide Schmid
Franziska Schiele
Susanne Stimmler
Yvonne Theurer
Stephanie Weber
Doris Wieder

APPENDIX

DEPARTMENT OF NEURODEGENERATIVE DISEASES

Medical Doctoral Students

Annegret Abaza
Grammato Amexi
Stefanie Bauer
Christian Bormann
Barbara Brändle
Steffen Brenner
Gülsüm Baysal
Sarah Dilger
Maren Ellerbrock
Karl Friedrich Ermisch
Ellen Fehlert
Kathrin Fischerkeller
Katharina Greulich
Eva Grüner
Jochen Hallwachs
Madeleine Heim
Manon Herfurth
Carina Hemminger
Katharina Hinger
Markus Hobert
Malte Kampmeyer
Barbara Kattner
Sebastian Kleinhans
Katharina Knauel
Angela Kuhn
Johannes Lang
Martin Linzner
Mirjam Mächtel
Caroline Merten
Sinja Meyer
Katharina Müller
Suzanne Nathan
Maxim Nechyporenko
Theofanis Ngamsri
Senait Ogbamicael
Natalie Philipp
Friedrich Pieper
Deborah Prakash
Benjamin Roeben
Jens Rolinger
Eva Schäffer
David Schreibner
Sonja Schürger
Ellen Silberhorn
Nike Spinnler
Johannes Stirnkorb
Raphaela Stocker

Velichka Stoycheva
Eva-Maria Strohmeier
Anne Vogel
Simon Weiss
Richard Wüst

Master Students

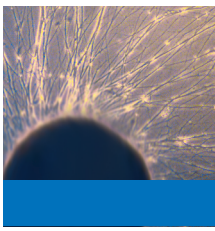
Amgard Droby
David Schöndorf
Madeleine Wendlik
Julia Westermeier

Diploma Students

Stefanie Bauer
Isabel Goerke
Verena Malcherek
Liane Schuster
Johannes Trambauer
Peter Wieghofer

Neuropsychologists

Dr. Susanne Gräber-Sultan
Dr. Inga Liepelt-Scarfone



CLINICAL STUDIES

Adagio Studie TVP1012/501 + Verlängerung – TVP Multi-Center, open-label,follow-up study designed to evaluate the long-term effects of Rasagiline in Parkinson´s disease subjects who participated the ADAGIO-study
Investigators: I. Wurster, D. Berg

Trust (Transdermal Rotigotine User Surveillance Study): A naturalistic, multisite, observational study of Rotigotine Transdermal Patch and other currently prescribed therapies in patients with Idiopathic Parkinson's Disease
Investigators: K. Srulijes, D. Berg

Settle-Extension 28850 – Open Label Trial of Determine the Long-Term Safety of Safinamide in Parkinson's Disease Patients
Investigators: I. Wurster, D. Berg

Pardoprunox: A multi-center, randomized, double-blind, Pramipexole-controlled Phase III study to assess the efficacy of Pardoprunox in reducing L-dopa induced dyskinesias
Investigators: K. Brockmann, I. Wurster, D. Berg

APPENDIX

DEPARTMENT OF NEURODEGENERATIVE DISEASES

CAFQ056A2217 (AFQ-Extension): A multi-center, randomized, double-blind, placebo-controlled Phase-III-study to assess the efficacy of AFQ056 in reducing L-dopa induced dyskinesias
Investigators: K. Brockmann, I. Wurster, D. Berg

Motion 27918 + 27938 (Extension) - A phase III, double-blind, placebo-contolled randomized trial to determine the efficacy and safety of a low (50mg/day) and high (100mg/day) dose of safinamide, as add-on-therapy, in subjects with early idiopathic Parkinson's Disease treated with a stable dose of a single dopamine agonist
Investigators: I. Wurster, D. Berg

Phytopharm - CoganeTM (PYM50028) „Eine multizentrische Studie, randomisierte, doppel-blinde, placebokontrollierte Phase-II-Parallelgruppenstudie zur Beurteilung der Wirksamkeit, Sicherheit und Verträglichkeit von CoganeTM (PYM50028), einem neuen, oral aktiven Induktor neurotropher Faktoren, bei männlichen und weiblichen Studienteilnehmern mit Morbus Parkinson im Frühstadium bei 28-wöchiger, einmal täglicher Verabreichung"
Investigators: K. Brockmann, I. Wurster, D. Berg

SP 1009 Aurora - Neupro® RLS Augmentation – Nicht interventionelle Studie
Investigator: D. Berg

AQW051A2209 "A multi-center, randomized, double-blind, placebo-controlled, parallel-group, multiple oral dose study to assess the efficacy and tolerability of AQW051 in reducing L-dopa induced dyskinesias in Parkinson's patients with moderate to severe L-dopa induced dyskinesias"
Investigators: K. Srulijes, D. Berg

PSP – Noscira: A Randomized, double-blind, placebo-controlled pararallel-group-Study to evaluate the Safety, Tolerability and Efficacy of two different oral doses of NP031112, a GSK-Inhibitor, versus placebo in the Treatment of patients with mild to moderate progressive supranuclear palsy
Investigators: K. Srulijes, W. Mätzler, D. Berg

MSA-RAS 202 Multi-center, randomized, double-blind, Placebo-controlled study to assess the efficacy, safety,an tolerability of Rasagiline Mesylate 1 mg in patients with multiple system atrophy of the parkinsonian subtype (MSA-P)
Investigators: K. Srulijes, I. Wurster, D. Berg
EarlyStim – The Effect of Deep Brain Stimulation of the Subthalamic Nucleus (STN-DBS) on Quality of Life in Comparison to Best Medical Treatment in Patients with Complicated Parkinson's Disease and Preserved Psychosocial Competence
Investigators: G. Deuschl, R. Krüger

A Randomized, Double-Blind, Double-Dummy, Efficacy, Safety and Tolerability Study of Levodopa – Carbidopa Intestinal Gel in Levodopa-Responsive Parkinson's Subjects
Investigator: R. Krüger

Open-Label, 12-Month Safety and Efficacy Study of Levodopa – Carbidopa Intestinal Gel in Levodopa-Responsive Parkinson's disease Subjects
Investigator: R. Krüger

Combined stimulation of subthalamic nucleus and substantia nigra pars reticulate for the treatment of refractory gait disorders in Parkinson's disease
Investigators: R. Krüger, D. Weiss

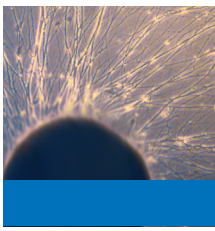
Global longterm registry of Levodopa-Carbidopa Intestinal Gel in Levodopa-Responsive Parkinson's disease Subjects
Investigator: R. Krüger

Wirksamkeit und Sicherheit der Tiefen Hirnstimulation des Nucleus pedunculopontinus zur Behandlung von Parkinson-Patienten mit ausgeprägter Gangstörung
Investigators: S. Breit, R. Krüger, A. Gharabaghi, C. Plewnia

Functional electrical stimulation in hereditary spastic paraplegia
Investigators: Rebecca Schüle, Sarah Wiethoff, Kathrin Karle and Ludger Schöls

A phase III double-blind, randomized, placebo-controlled study of the efficacy, safety and tolerability of idebenone in the treatment of Friedreich's ataxia patients (MICONOS)
Investigators: T. Lindig, C. Linnemann and L. Schöls

A phase III open-label, single-group extension study to obtain long-term safety and tolerability of idebenone in the treatment of Friedreich's ataxia patients (PROTI)
Investigators: J. Müller vom Hagen and L. Schöls



Randomized, double blind, placebo controlled study of Lu AA24493 in patients with Friedreich's ataxia to evaluate safety and tolerability and to explore efficacy (CEPO Phase IIa)
Investigators: T. Lindig , J. Müller vom Hagen and L. Schöls

A multi-center, randomized, double blind, placebo controlled, parallel group, multiple oral dose titration, proof of concept study in patients with Huntington's disease to assess the safety and tolerability of AFQ056 in reducing chorea
Investigators: T. Lindig , J. Müller vom Hagen and L. Schöls

THIRD-PARTY FUNDING

Ongoing Grants

Adagio Studie TVP1012/501 – Rasagilin im Langzeitverlauf

Project leader:	Prof. Daniela Berg
Funding institution:	TEVA
Funding period:	10/09 – 12/12
Awarded on:	Oct 5, 2009

TRUST – Beobachtungsstudie SP0948 (Transdermal Rotigotine User Surveillance Study)

Project leader:	Prof. Daniela Berg
Funding institution:	UCB
Funding period:	01/10 – 12/12
Awarded on:	July 14, 2010

APPENDIX

DEPARTMENT OF NEURODEGENERATIVE DISEASES

Settle-Extension 28850 – Open Label Trial of Determine the Long-Term Safety of Safinamide in Parkinson's Disease Patients

Project leader:	Prof. Daniela Berg
Funding institution:	Merck Serono
Funding period:	01/11 – 01/14
Awarded on:	Aug 02, 2010

Pardoprunox in Parkinson's disease dyskinesia (+ Extension)

Project leader:	Prof. Daniela Berg
Funding institution:	Abbott
Funding period:	03/09 - 12/12
Awarded on:	Mar 31, 2009

CAFQ056A2217 in dyskinetic Parkinson's disease patients (AFQ-Extension)

Project leader:	Prof. Daniela Berg
Funding institution:	Novartis
Funding period:	12/10 – 12/14
Awarded on:	Sept 17, 2010

Motion 27918 - A phase III, double-blind, placebo-contolled randomized trial to determine the efficacy and safety of a low (50mg/day) and high (100mg/day) dose of safinamide, as add-on-therapy, in subjects with early idiopathic Parkinson's Disease treated with a stable dose of a single dopamine agonist

Project leader:	Prof. Daniela Berg
Funding institution:	Merck Serono
Funding period:	07/10 - 07/11
Awarded on:	June 10, 2010

PSP-Noscira - NP031112 bei PSP

Project leader:	Prof. Daniela Berg
Funding institution:	Noscira
Funding period:	12/09 – 12/12
Awarded on:	Dec 8, 2009

MSA-RAS-202

Project leader:	Prof. Daniela Berg
Funding institution:	TEVA
Funding period:	12/09 – 12/12
Awarded on:	Dec 17, 2009

Prospective validation of risk markers for the development of Parkinson's disease

Project leader:	Prof. Daniela Berg
Funding institution:	Michael J. Fox Foundation for Parkinson's Research
Funding period:	12/07 – 12/11
Awarded on:	Nov 21, 2007

Progression markers in the suspected premotor phase and early Parkinson's disease

Project leader:	Prof. Daniela Berg
Funding institution:	Janssen Pharma
Funding period:	12/08 – 12/12
Awarded on:	Dec 5, 2008

MARK-MD, IAPP

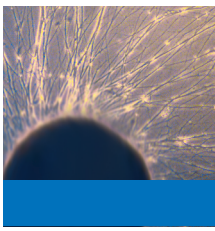
Project leader:	Prof. Daniela Berg
Funding institution:	EU
Funding period:	03/10 - 03/12
Awarded on:	Nov 20, 2009

Feasibility for MODEP

Project leader:	Prof. Daniela Berg
Funding institution:	Abbott
Funding period:	12/09 - 02/11
Awarded on:	Dec 28, 2009

PPMI – The Parkinson's Progression Markers Initiative

Project leader:	Prof. Daniela Berg
Funding institution:	Michael J. Fox Foundation for Parkinson's Research
Funding period:	03/10 – 03/15
Awarded on:	Mar 23, 2010



DEMPARK – Parkinsonkrankheit und Demenz: longitudinale Studie

Project leader:	Prof. Daniela Berg
Funding institution:	Philipps-Universität Marburg
Funding period:	01/10 – 12/12
Awarded on:	Jan 2010

Pool Projekt 2009-25 (Can a body-fixed sensor enhance the utility of the Timed-Up&Go Test for prediction and progression of Parkinsonson's Disease?)

Project leader:	Prof. Daniela Berg
Funding institution:	CIN
Funding period:	01/10 - 12/11
Awarded on:	July 23, 2010

Funktionelle Charakterisierung der Kinase LRRK2 (BI 1210/4-1)

Project leader:	Dr. Dr. Saskia Biskup
Funding institution:	DFG
Funding period:	07/09 - 07/12

APPENDIX

DEPARTMENT OF NEURODEGENERATIVE DISEASES

LRRK2 an der Schnittstelle von Apoptose und Proliferation

Project leader:	Dr. Dr. Saskia Biskup
Funding institution:	Thyssen
Funding period:	09/10 - 9/12

Development of LRRK2 BAC transgenic rats

Project leader:	Dr. Dr. Saskia Biskup and Prof. Dr. Olaf Riess
Funding institution:	MEFOPA
Funding period:	04/10 - 4/13

Macrophage Precursors as biomarker für LRRK2-associated disease

Project leader:	Dr. Dr. Saskia Biskup and Prof. Dr. Thomas Gasser
Funding institution:	MJFF
Funding period:	11/10 - 11/12

Biomarker study: Five year observational study to investigate relationships among Parkinson's disease symptoms, LRRK2 mutational status, and biomarkers expressed in the blood, urine, and cerebrospinal fluid of symptomatic, asymptomatic, and control subjects

Project leader:	Prof. Dr. Thomas Gasser
Funding institution:	Novartis
Funding period:	10/07 – 05/11
Awarded on:	May 21, 2007

Scientific Administrative Office, subproject 1, "Genomics of Parkinson's Disease", Parkinson Network, National Genome research Network (NGFN-Plus)

Project leader:	Prof. Dr. Thomas Gasser
Funding institution:	BMBF
Funding period:	06/08 - 05/11
Awarded on:	July 07, 2008

"Genomics of Parkinson's Disease", subproject 2, Parkinson Network, National Genome research Network (NGFN-Plus)

Project leader:	Prof. Dr. Thomas Gasser
Funding institution:	BMBF
Funding period:	06/08 - 05/11
Awarded on:	July 07, 2008

"Clinic and genetics of Parkinson's disease", Helmholtz alliance for mental health in an ageing society (HelMA)

Project leader:	Prof. Dr. Thomas Gasser
Funding institution:	Helmholtz Association
Funding period:	07/08 - 06/12
Awarded on:	May 05, 2008

"Identification of genes causing familial forms of Parkinson's disease", ERA-Net NEURON

Project leader:	Prof. Dr. Thomas Gasser
Funding institution:	BMBF
Funding period:	03/09-08/12
Awarded on:	April 07, 2009

"MeFoPa-Registry and -Biobank", Mendelian Forms of Parkinson's disease (MeFoPa)

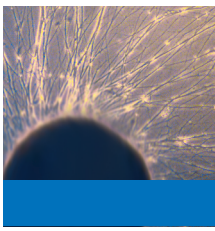
Project leader:	Prof. Dr. Thomas Gasser
Funding institution:	EU
Funding period:	04/10-03/13
Awarded on:	March 22, 2010

Functional Genomics of Parkinson's Disease

Project leader:	Prof. Dr. Philipp Kahle
Funding institution:	BMBF
Funding period:	06/08 - 05/13

Helmholtz Alliance for Mental Health in an Aging Society

Project leader:	Prof. Dr. Philipp Kahle
Funding institution:	Helmholtz Society
Funding period:	07/08 - 06/12



NEURASYN Academic-Industrial Training Network on α-Synuclein-related Brain Diseases

Project leader:	Prof. Dr. Philipp Kahle
Funding institution:	EU FP7
Funding period:	11/09 - 10/13

MEFOPA (Mendelian Forms of Parkinsonism)

Project leader:	Prof. Dr. Philipp Kahle (coordinator, recessive PARK genes)
Funding institution:	EU FP7
Funding period:	04/10 - 03/13

Novel Target Genes of TDP-43

Project leader:	Prof. Dr. Philipp Kahle
Funding institution:	DFG
Funding period:	04/10 - 03/13

Establishment of Immune-PCR Detection for Serine-129 Phosphorylated α-Synuclein as Biomarker in Human Cerebrospinal Fluid

Project leader:	Prof. Dr. Philipp Kahle
Funding institution:	Michael J. Fox Foundation
Funding period:	12/10 - 11/11

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DEPARTMENT OF NEURODEGENERATIVE DISEASES

Identification of early biomarkers of Parkinson's Disease

Project leader:	Prof. Dr. Rejko Krüger
Funding institution:	Böhringer-Ingelheim
Funding period:	09/11 - 08/12

Characterization of mitochondrial dynamics

Project leader:	Prof. Dr. Rejko Krüger
Funding institution:	Böhringer-Ingelheim
Funding period:	09/11 - 08/12

Mitochondrial stress response in neurodegeneration and aging

Project leader:	Prof. Dr. Rejko Krüger
Funding institution:	BMBF (NGFNplus Bund 01GS0468)
Funding period:	07/08 - 06/11

Effektivität und Sicherheit bilateraler tiefer Hirnstimulation des Thalamus zur Behandlung des Gilles-de-la-Tourette-Syndroms

Project leader:	Prof. Dr. Rejko Krüger / Apl.Prof. Dr. Christian Plewnia / Dr. Alireza Gharabaghi
Funding institution:	Medizinische Fakultät der Universität Tübingen (AKF)
Funding period:	11/09 - 10/11

Wirksamkeit und Sicherheit der Tiefen Hirnstimulation des Nucleus pedunculopontinus zur Behandlung von Parkinson-Patienten mit ausgeprägter Gangstörung

Project leader:	Prof. Dr. Rejko Krüger/Dr. Sorin Breit/Dr. Alireza Gharabaghi/ Apl.Prof. Dr. Christian Plewnia
Funding institution:	Medizinische Fakultät der Universität Tübingen (AKF)
Funding period:	12/09 - 11/11

Genetic-epidemiological confirmation of top hits of GWAS of Parkinson disease: A large multi-center collaborative study

Project leader:	Prof. Dr. Rejko Krüger/M. Sharma/Prof. Dr. Thomas Gasser
Funding institution:	Michael J. Fox Foundation
Funding period:	03/10 - 09/11

Funktionelle Charakterisierung der Bedeutung von Mutationen im Omi/HtrA2-Gen im Rahmen gestörter mitochondrialer Funktion und Dynamik bei der Parkinson-Krankheit

Project leader:	Prof. Dr. Rejko Krüger
Funding institution:	Deutsche Forschungs-Gemeinschaft (DFG; KR2119/3-2)
Funding period:	08/10 - 08/13

Mitochondrial stress response in neurodegeneration and aging – dissection of Omi/HtrA2 and DJ-1 mediated signaling pathways

Project leader:	Prof. Dr. Rejko Krüger
Funding institution:	BMBF; NGFNplus Verlängerung Bund 01GS0468
Funding period:	06/11 - 05/13

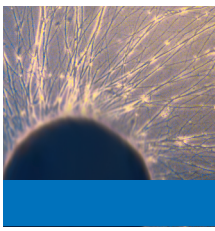
Die Bedeutung des Parkinson-assoziierten Proteins Mortalin im Rahmen mitochondrialer Signalwege der Neurodegeneration

Project leader:	Prof. Dr. Rejko Krüger
Funding institution:	Fritz-Thyssen-Stiftung AZ: 10.11.2.153
Funding period:	08/11 - 07/13

Die Bedeutung von Dj-1 bei der Regulation mitochondrialer Dynamik und Autophagie in murinen und humanen neuronalen Modellen der Parkinson-Krankheit

Project leader:	Prof. Dr. Rejko Krüger / Prof. Dr. Thomas Gasser
Funding institution:	Deutsche Forschungs-Gemeinschaft (DFG)
Funding period:	08/11 - 07/14

Combined stimulation of subthalamic nucleus and substantia nigra pars reticulata for the treatment of refractory gait disorders in Parkinson's disease: design of a two-armed double-blind cross-over study



Project leader:	Dr. Daniel Weiss
Funding institution:	Medtronic, Meerbusch, Germany
Funding period:	06/11 - 06/12

Neuronale Integration von Koordination der unteren Extremität bei Parkinsonpatienten mit tiefer Hirnstimulation

Project leader:	Dr. Daniel Weiss
Funding institution:	Medical Faculty, Tübingen University (AKF-259-0-0)
Funding period:	04/11 – 03/12

Wirksamkeit und Sicherheit der Tiefen Hirnstimulation des Nucleus pedunculopontinus zur Behandlung von Parkinson-Patienten mit ausgeprägter Gangstörung

Project leader:	Dr. Sorin Breit, Prof. R. Krüger, Prof. A. Gharabaghi, Prof. C. Plewnia
Funding institution:	Medical Faculty, Tübingen University (AKF)
Funding period:	01/11-12/12

Wirksamkeit und Sicherheit der Tiefen Hirnstimulation des Nucleus pedunculopontinus zur Behandlung von Parkinson-Patienten mit ausgeprägter Gangstörung

Project leader:	Dr. Sorin Breit, Prof. A. Gharabaghi
Funding institution:	Medtronic GmbH
Funding period:	07/09-06/12

APPENDIX

DEPARTMENT OF NEURODEGENERATIVE DISEASES

Ambulanz für Bewegungsstörungen: Lebensqualität bei Behandlung mit Botulinumtoxin

Project leader:	Dr. Tobias Wächter
Funding institution:	Merz Pharmaceuticals GmbH
Funding period:	10/11 - 09/12

Datenerhebung bei zervikaler Dystonie

Project leader:	Dr. Tobias Wächter
Funding institution:	Pharm Allergan GmbH
Funding period:	11/11 – 05/12

LEUKONET: Phenotypic variability, natural history and progression markers of late-onset leukodystrophies

Project leader:	Prof. Dr. Ludger Schöls
Funding institution:	BMBF
Funding period:	01/09 - 12/11
Awarded on:	Feb 3, 2009

mitoNET: Fission and fusion in mitochondrial diseases

Project leader:	Prof. Dr. Ludger Schöls / Prof. Dr. Doron Rapaport
Funding institution:	BMBF
Funding period:	01/09 - 01/12
Awarded on:	March 20, 2009

RISCA: Prospective study of individuals at risk for spinocerebellar ataxias type 1, 2, 3 and 6

Project leader:	Prof. Dr. Ludger Schöls
Funding institution:	EU
Funding period:	05/08 - 09/11
Awarded on:	April 25, 2008

EUROSPA: European network on spastic paraplegias

Project leader:	Prof. Dr. Ludger Schöls / PD Dr. Peter Bauer
Funding institution:	EU
Funding period:	06/08 – 10/11
Awarded on:	June 13, 2008

New Grants

Adagio-Studie (TVP-1012/501-Studie) - Verlängerung

Project leader:	Prof. Daniela Berg
Funding institution:	TEVA
Funding period:	01/12 - 12/12
Awarded on:	Oct 31, 2011

Motion Extension 27938

Project leader:	Prof. Daniela Berg
Funding institution:	Merck Serono
Funding period:	02/11 - 10/12
Awarded on:	Jan 29, 2011

Phytopharm - CoganeTM (PYM50028)

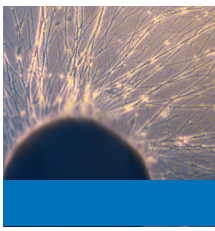
Project leader:	Prof. Daniela Berg
Funding institution:	Icon
Funding period:	09/10 - 12/12
Awarded on:	May 18, 2011

SP 1009 Aurora - Neupro® RLS Augmentation – multizentrische, nicht interventionelle Studie (NIS)

Project leader:	Prof. Daniela Berg
Funding institution:	UCB
Funding period:	07/11 - 12/13
Awarded on:	June 27, 2011

AQW051A2209

Project leader:	Prof. Daniela Berg
Funding institution:	Novartis
Funding period:	07/11 - 12/12
Awarded on:	Aug 10, 2011



MJFF Research Grant "Longitudinal Follow Up of Clinical and Neuroimaging Signs as Well as Biomarkers in Symptomatic and Asymptomatic LRRK2 Mutation Carriers in Comparison to Idiopathic PD and Controls"

Project leader:	Prof. Daniela Berg, Prof. Thomas Gasser
Funding institution:	Michael J. Fox Foundation
Funding period:	06/11 - 06/13
Awarded on:	Jan 24, 2011

dPV Fellowship Projekt 2011 / 2012

Project leader:	Prof. Daniela Berg
Funding institution:	dPV
Funding period:	07/11 - 06/12
Awarded on:	July 5, 2011

Progression Marker Study – Amendment 2

Project leader:	Prof. Daniela Berg
Funding institution:	Johnson & Johnson
Funding period:	01/12 - 12/13
Awarded on:	July 4, 2011

APPENDIX

DEPARTMENT OF NEURODEGENERATIVE DISEASES

Biomarker Pilot Study

Project leader:	Prof. Daniela Berg
Funding institution:	Boehringer Ingelheim
Funding period:	10/11 - 03/12
Awarded on:	Sept 13, 2011

PPMI – The Parkinson's Progression Markers Initiative – Amendment 4

Project leader:	Prof. Daniela Berg
Funding institution:	Michael J. Fox Foundation
Funding period:	01/12 - 12/13
Awarded on:	Sept 22, 2011

Q-Motor-Projekt

Project leader:	Prof. Daniela Berg
Funding institution:	Novartis
Funding period:	11/11 - 03/12
Awarded on:	Nov 07, 2011

Pool-Projekt 2010-18 „Autonomic end organ responses and disease-associated genetic profile in subjects with and without increased risk for Alzheimer's and Parkinson's disease "

Project leader:	Prof. Daniela Berg
Funding institution:	CIN
Funding period:	10/11 - 09/12
Awarded on:	May 13, 2011

Pool-Projekt 2010-19 "Magnetic resonance spectroscopic imaging; MRSI; substantia nigra; Parkinson's disease"

Project leader:	Prof. Daniela Berg
Funding institution:	CIN
Funding period:	07/11 - 06/12
Awarded on:	May 13, 2011

Pre-motor Studie "Prospektive Kohortenstudie zur Bestimmung von Prämotor- und Risikofaktoren bei Morbus Parkinson"

Project leader:	Prof. Daniela Berg
Funding institution:	TEVA
Funding period:	01/12 - 12/12
Awarded on:	Dec 29, 2011

Pre-Parkinson's disease – potential markers. International Expert Meeting 2011

Project leader:	Prof. Daniela Berg
Funding institution:	Abbott, Boehringer Ingelheim, GE Healthcare, Merck Serono, Novartis, TEVA, UCB
Funding period:	19 - 21/05/11
Awarded on:	May 11, 2011

Scientific Administrative Office, subproject 1, "Genomics of Parkinson's Disease", Parkinson Network, National Genome research Network (NGFN-Plus)

Project leader:	Prof. Dr. Thomas Gasser
Funding institution:	BMBF
Funding period:	06/11- 05/13
Awarded on:	Nov 20, 2011

"Genomics of Parkinson's Disease", subproject 2, Parkinson Network, National Genome research Network (NGFN-Plus)

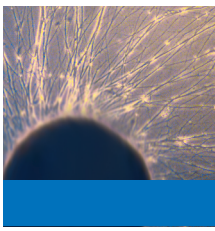
Project leader:	Prof. Dr. Thomas Gasser
Funding institution:	BMBF
Funding period:	06/11- 05/13
Awarded on:	Nov 20, 2011

Competence Net Degenerative Dementias – Frontotemporal Dementias

Project leader:	Prof. Dr. Philipp Kahle (Project Coordinator)
Funding institution:	BMBF
Funding period:	02/11 - 01/14
Awarded on:	March 8, 2011

Functional Genomics of Parkison's Disease

Project leader:	Prof. Dr. Philipp Kahle
Funding institution:	BMBF
Funding period:	06/11 - 05/13



Genetic disorders in Arab societies of Israel and the Palestinian Authorities

Project leader:	Prof. Dr. Ludger Schöls
Funding institution:	DFG 754/5-1
Funding period:	05/11 – 04/13
Awarded on:	Feb 14, 2011

Genetische Grundlagen der Hereditären Spastischen Spinalparalysen

Project leader:	Dr. Rebecca Schüle / Prof. Dr. Ludger Schöls
Funding institution:	HSP-Selbsthilfegruppe Deutschland e.V.
Funding period:	04/11 - 03/13
Awarded on:	Feb 28, 2011

Nosology and molecular diagnosis of the degenerative recessive ataxias (EUROSCAR)

Project leader:	Prof. Dr. Ludger Schöls / PD Dr. Peter Bauer
Funding institution:	EU
Funding period:	05/12 - 04/15
Awarded on:	Dec 5, 2011

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DEPARTMENT OF NEURODEGENERATIVE DISEASES

AWARDS

Prof. Dr. Thomas Gasser
K. J. Zülch Award of the Max-Planck-Gesellschaft

Dr. Lena Burbulla
Travel grant 15th International Congress of Parkinson's Disease and Movement Disorders, 2011 Toronto/Canada

Dr. Lena Burbulla
Stipend Lindauer Nobel Laureate Meeting 2011

Dr. Lena Burbulla
Selection for Blue Ribbon Session 15th International Congress of Parkinson's Disease and Movement Disorders, 2011 Toronto/Canada

Dr. Daniel Weiss
Travel grant 15th International Congress of Parkinson's Disease and Movement Disorders, 2011 Toronto/Canada

Dr. Julia Schicks
Travel award of the Movement Disorders Society, Toronto, Canada

Dr. Matthis Synofzik
Travel award of the Movement Disorders Society, Toronto, Canada

PHD THESES (COMPLETED IN 2011)

Applicant: Sven Geisler

Investigation of the Lysosomal Contribution to the Pathogenesis of Parkinson's Disease
Supervisor: Prof. Dr. Philipp Kahle
Faculty: Biology, Univ. Tübingen

Applicant: Dr. Lena Burbulla – summa cum laude

Identification and functional characterization of the role of the mitochondrial chaperone mortalin in neurodegeneration in Parkinson's disease
Supervisor: Prof. Dr. Rejko Krüger
Faculty: Faculty of Medicine and Faculty of Mathematics and Natural Sciences

MEDICAL THESES (COMPLETED IN 2011)

Applicant: Barbara Unmuth

"Prospektive Evaluation der Spezifität und Sensitivität des transkraniellen Ultraschalls in der Diagnostik von Parkinsonfrühsyndromen"
Supervisor: Prof. Daniela Berg

Applicant: Stefanie Keller

“Butyrylcholinesterase Allelfrequenz und Protein-Aktivität bei Lewy-Körper-Erkrankungen“
Supervisor: Prof. Daniela Berg

Applicant: Carina Döring

“Retrospektive Studie und klinischer Gruppenvergleich zur Häufigkeit von Dyskinesien bei Patienten mit idiopathischem Parkinson-Syndrom in Abhängigkeit von Depressionen”
Supervisor: Prof. Daniela Berg

Applicant: Teresa Schubert

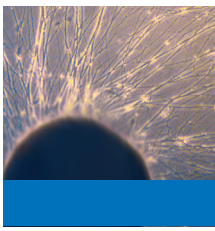
„Hyperechogenität der Substantia nigra in der transkraniellen Sonographie – ein Risikomarker für die Entwicklung eines Morbus Parkinson“
Supervisor: Prof. Daniela Berg

Applicant: Josephine Christ

„Alltagsfähigkeit bei Parkinson Patienten: Selbsteinschätzung, Fremdbeurteilung und objektive Beurteilungsverfahren“
Supervisor: Prof. Daniela Berg

Applicant: Dr. med. Vera Katharina Siegert

Störungen des axonalen Transports bei der hereditären spastischen Spinalparalyse im Drosophila-Modell
Supervisor: Prof. Dr. Ludger Schöls



DIPLOMA/MASTERS THESES (COMPLETED IN 2011)

Applicant: Amgard Droby

“Detection of slight morphological changes in subjects presumed to be in the pre-motor phase of Parkinson’s disease using MRI”
Supervisor: Prof. Dr. Daniela Berg

Applicant: David Schöndorf

Modelling Parkinson’s disease with LRRK2 mutated iPS cells
Supervisor: Prof. Dr. Thomas Gasser
Faculty: Medical Faculty

Applicant: Liane Schuster
Regulation of Parkin Ubiquitin Ligase Activities Towards Mitophagy
Supervisor: Prof. Dr. Philipp Kahle
Faculty: Biology, Univ. Stuttgart

Applicant: Isabel Goerke

Regulation of the PINK1/Parkin-Directed Mitophagy
Supervisor: Prof. Dr. Philipp Kahle
Faculty: Biology, Univ. Stuttgart, Biology, Univ. Hohenheim

APPENDIX

DEPARTMENT OF NEURODEGENERATIVE DISEASES

Applicant: Madeleine Wendlik

Mitochondrien- Morphologie und -Funktion in Fibroblasten und Myoblasten bei Patienten mit mitochondrialen Erkrankungen
Supervisor: Dr. Kathrin Karle

CONFERENCES

Pre-Parkinson's disease – potential markers. International Expert Meeting 2011
Schloß Weitenburg 19.-21.05.2011
Scientific Coordinator: Prof. D. Berg, Prof. W. Poewe (Innsbruck)

Workshop "Transcranial Sonography (TCS) in Parkinsonian Syndromes", 2011
University Hospital Tübingen, Neurology, 07.-08.02.2011
Scientific Coordinator: Prof. D. Berg

Workshop "Transcranial Sonography (TCS) in Parkinsonian Syndromes", 2011
University Hospital Tübingen, Neurology, 12.-13.09.2011
Scientific Coordinator: Prof. D. Berg

ISN Satellite Meeting "From Genes to Pathogenesis: The Evolving Spectrum of Synucleinopathies"
Naxos, Greece, Sep. 3-4, 2011
Scientific Coordinator: Prof. P. Kahle, Member Organizers Committee

Süddeutsches Stimulatortreffen
Odelzhausen, 14.-15.04.2011
Scientific Coordinators: Dr. T. Wächter, Prof. R. Krüger

Hands On 'Fortgeschrittenes Parkinson-Syndrom'
Tübingen, 28.-29.10.2011
Scientific Coordinators: Dr. T. Wächter, Prof. R. Krüger

Tübinger Infotag zur Tiefen-Hirnstimulation bei Dystonie; Einführung, Beispiele und Diskussion
Tübingen, 27.10.2011
Scientific Coordinators: Dr. T. Wächter, Prof. R. Krüger

Tübinger Summer School für Junge Neurologen
Tübingen, 25.7.-29.7.2011
Scientific Coordinators: Dr. T. Wächter, Dr. Liske, Prof. H. Lerche

Expertentreffen zu Dystonie und Botulinumtoxintherapie
Tübingen, 04.05.2011
Scientific Coordinator: Dr. T. Wächter

Expertentreffen zu Dystonie und Botulinumtoxintherapie
Tübingen, 02.10.2011
Scientific Coordinator: Dr. T. Wächter

Course on Neuroepidemiology
Erice, Italien, 28.-29.10.2011
Scientific Coordinators: Prof. G. Savettieri, Prof. R. Krüger

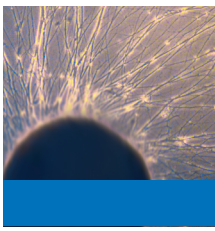
Genetic Disorders in Arab Societies of Israel and the Palestinian Authorities
Tübingen, 19.-21.5.2011
Scientific Coordinator: Prof. L. Schöls

STUDENT TRAINING

Lectures (Summer Term/Winter Term)

Introduction to Clinical Neurology (Summer Term/Winter Term)
Faculty: Medical School
Coordinators: Prof. D. Berg, PD Dr. F. Bischof

Neurologische Untersuchung für Fortgeschrittene
Faculty: Medical Faculty
Coordinators: Prof. T. Gasser, Prof. D. Berg, Prof. R. Krüger, Prof. L. Schöls



Einführung in die klinische Medizin (Neurologie)
Faculty: Medical Faculty
Coordinators: Prof. T. Gasser, PD Dr. F. Bischof, Prof. A. Melms

Genetic and Molecular Basis of Neural Diseases
Faculty: Medical Faculty
Coordinators: Prof. T. Gasser, Prof. M. Jucker

Geriatrisch-neurologische-psychiatrische Fallkonferenz
Faculty: Medical Faculty
Coordinators: T. Gasser, D. Berg, G. Eschweiler, T. Leyhe, C. Mänz, C. Morawetz

Medizin des Alterns und des alten Menschen, Palliativmedizin, Psychosomatik
Faculty: Medical Faculty
Coordinators: T. Gasser, M.-J. Berneburg, S. Bredanger, G. Eschweiler, E. Heidemann, H.-C. Heitkamp, R. Hering, J. Kuprion, G. Marckmann, A. Mueck, M. Pfister, S. Plontke, P. Reitze, M. Röcken, T. Schlunk, G. Schnauder, M. Wickert

Vorlesung Grundlagen der Neurologie
Faculty: Medical Faculty
Coordinators: Prof. T. Gasser, Prof. A. Melms

APPENDIX

DEPARTMENT OF NEURODEGENERATIVE DISEASES

Neurochemistry and Neurotransmitters (full winter term)
Faculty: Graduate School for Cellular and Molecular Neurosciences
Coordinator: Prof. P. Kahle, Lecturer

Biochemistry II (1 wk Block Hormones)
Faculty: Medicine, Univ. Tübingen
Coordinator: Prof. P. Kahle, Lecturer

Neurobiochemistry (Ring Lecture)
Faculty: Molecular Medicine
Coordinator: Prof. P. Kahle, Lecturer

Genetic and Molecular Basis of Neural Diseases
Faculty: Graduate School of Cellular and Molecular Neuroscience
Coordinator: Prof. M. Jucker

Parkinson für Pharmazeuten
Faculty: Faculty of Pharmacology
Coordinator: Prof. P. Ruth

Neurogenetic Disorders
Faculty: Summer School of Young Neurologists
Coordinator: Prof. H. Lerche

Seminars and Courses

Neurology Seminar and Bedside Teaching (Summer Term/Winter Term)
Host: Medical School
Coordinators: Prof. D. Berg, PD Dr. F. Bischof, Prof. Dr. T. Haarmeier, Prof. R. Krüger, Prof. L. Schöls, PD Dr. Y. Weber, and staff of the Departments of General Neurology and Neurodegenerative Diseases

TüKliS "Treatment of Neurological Disorders" (Summer Term/Winter Term)
Host: Medical School
Coordinators: Prof. D. Berg, PD Dr. Bischof, Prof. Dr. T. Haarmeier, Prof. R. Krüger, Prof. A. Melms, Prof. L. Schöls, PD Dr. Y. Weber, Prof. T. Gasser, Prof. H. Lerche, Prof. A. Melms, Prof. H.-O. Karnath

Bedside teaching in the final year of medical studies (Summer Term/Winter Term)
Host: Medical School
Coordinators: Prof. D. Berg, PD Dr. Bischof, Prof. Dr. T. Haarmeier, Prof. R. Krüger, Prof. A. Melms, Prof. L. Schöls, PD Dr. Y. Weber, Prof. T. Gasser, Prof. H. Lerche, Prof. A. Melms, Prof. H.-O. Karnath

Neurobiologisches Montagskolloquium (Summer Term/Winter Term)
Host: Medical School
Coordinators: Prof. D. Berg, PD Dr. Bischof, Prof. Dr. T. Haarmeier, Prof. R. Krüger, Prof. A. Melms, Prof. L. Schöls, PD Dr. Y. Weber, Prof. T. Gasser, Prof. H. Lerche, Prof. A. Melms, Prof. H.-O. Karnath

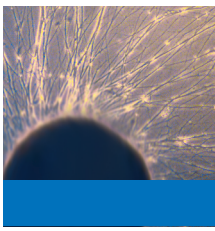
Neurologischer Untersuchungskurs
Coordinators: Prof. T. Gasser, Prof. A. Melms, Prof. H. Lerche

Wissenschaftliches Kolloquium
Coordinators: Prof. T. Gasser,Prof. T. Haarmeier,Prof. A. Melms, Prof. H. Lerche, Prof. P. Thier

Genetische Diagnostik in der Neurologie: Wann? Wo? Wie? machen
Host: Prof. L. Schöls
Coordinator: Prof. R. Krüger

Pathologische oszillatorische Aktivität bei Bewegungsstörungen: Pathophysiologische Konzepte und klinische Implikationen
Host: Prof. L. Timmermann
Coordinator: Prof. R. Krüger

Behandlung der Carotisstenosen: operativ vs endovaskulär
Host: Prof. T. Haarmeier
Coordinator: Prof. R. Krüger



Die klinische Variabilität der Glucose-Transporter-Typ-1-Syndrome
Host: PD Dr. Y. Weber
Coordinator: Prof. R. Krüger

Iron in the Brain
Host: Prof. D. Berg
Coordinator: Prof. R. Krüger

Neuropsychologische Aspekte von Stress und Lampenfieber
Host: PD Dr. W. Maetzler
Coordinator: Prof. R. Krüger

Translational Implications of alpha-Synuclein Research
Host: Prof. D. Di Monte
Coordinator: Prof. R. Krüger

Neues zu den muskulären Kanalopathien
Host: Prof. F. Lehmann-Horn
Coordinator: Prof. R. Krüger

Vorhofohrverschluss – Alternative zur Antikoagulation?
Host: May
Coordinator: Prof. R. Krüger

APPENDIX

DEPARTMENT OF NEURODEGENERATIVE DISEASES

Functional Imaging in the Epilepsies
Host: Prof. M. Richardson
Coordinator: Prof. R. Krüger

Fallbericht Station 43
Host: Dr. K. Brockmann
Coordinator: Prof. R. Krüger

Using Drosophila to Study Mechanisms of Axonal Regeneration and Degeneration After Injury
Host: Dr. Cathy Collins
Coordinator: Prof. R. Krüger

Spatial Attention and Parietal Subregions: Lesion Mapping and fMRI Converge
Host: Prof. Vandenberghe
Coordinator: Prof. R.Krüger

Hirntoddiagnostik
Host: Dr. M. Dihné
Coordinator: Prof. R. Krüger

EEG-Seminar
Host: PD Dr. Y. Weber
Coordinator: Prof. R. Krüger

Epidemiology of neurodegenerative diseases: lessons from the past and plans for the future
Host: Prof. M. Breteler
Coordinator: Prof. R. Krüger

The Potential of Induced Pluripotent StemCells in Development and Regenerative Medicine
Host: Prof. H. R. Schöler
Coordinator: Prof. R. Krüger

Reward Representation and Rule-based Cognitive Decisions in Auditory Cortex
Host: Prof. H. Scheich
Coordinator: Prof. R. Krüger

Mechanisms of Axonal De- and Regeneration in the CNS
Host: Dr. P. Ligor
Coordinator: Prof. R. Krüger

Epileptic Seizures in the MNRI: Haemodynamic Mapping of Ictal Networks
Host: Prof. J. Lemieux
Coordinator: Prof. R. Krüger

Lipd Metabolism and Neurodegeneration
Host: Prof. I Björkhem
Coordinator: Prof. R. Krüger

Stem Cell-derived In Vitro Neuronal Network Activity
Host: Dr. M. Dihné
Coordinator: Prof. R. Krüger

Seminar: Neurologie
Host: Medizinische Fakultät
Coordinator: PD. Dr. F. Bischof

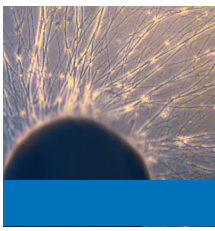
Therapieseminar: Genetische Diagnostik
Host: Neurologische Klinik, UKT
Coordinator: Prof. R. Krüger

Bedside Teaching: Neurologische Untersuchung für Fortgeschrittene
Host: Medizinische Fakultät
Coordinator: Prof. L. Schöls

LAB ROTATIONS

Summer Term 2011

Christine Schurr
Semester Practical Course Biology (Human Genetics)
Coordinators: Prof. Philipp Kahle, Direct Supervisor: Dr. Fabienne Fiesel



Johannes Trambauer
Biochemistry
Coordinators: Prof. Philipp Kahle, Direct Supervisor: Emmy Rannikko

Mehtab Bacioglu
Alpha-Synuclein and Mitochondrial Morphology
Coordinator: Prof. Rejko Krüger

Clara Geiger
BOGY-Praktikum
Coordinator: Prof. Rejko Krüger

Labvisit for Masterstudents
Coordinator: Prof. Rejko Krüger

Nadine Breitkreutz
Charakterisierung von Motoneuronen und sensiblen Ganglienzellen in einem Mausmodell der SPG31
Coordinator: Dr. Kathrin Karle

APPENDIX

DEPARTMENT OF NEURODEGENERATIVE DISEASES

Winter Term 2011/2012

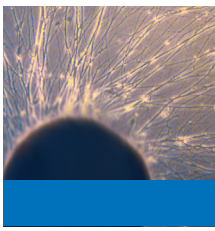
Analysis of genes FBXO7 and GBA as possible causatives of early onset Parkinson's Disease
Coordinator: Prof. Dr. Thomas Gasser

Julia Westermeier
Labrotation
Coordinator: Prof. Dr. Rejko Krüger

Julia Westermeier
Master Thesis (Nov 2011)
Coordinator: Prof. Dr. Rejko Krüger

Joel Wellbourne-Wood
Praktikum
Coordinator: Prof. Dr. Rejko Krüger

Labvisit according to the Lindau-Nobellaureate Meeting
Coordinator: Prof. Dr. Rejko Krüger



APPENDIX

DEPARTMENT OF COGNITIVE NEUROLOGY

CLINICAL AND SCIENTIFIC STAFF

Head of the Department

Prof. Dr. Peter Thier

Group leaders/Attending physicians

Prof. Dr. Martin Giese
Prof. Dr. Thomas Haarmeier (until 07/2011)
Dr. Marc Himmelbach
Prof. Dr. Uwe Ilg
Prof. Dr. Dr. Hans-Otto Karnath
Prof. Dr. Cornelius Schwarz
PD Dr. Fahad Sultan

Scientists/Residents

Dr. Daniela Balslev
Dr. Marissa Barabas
Dr. Alia Benali
Dr. Dominik Brugger
Dr. Sergejus Butovas (until 09/2011)
Dr. Enrico Chiovetto
Dr. Peter Dicke
Dr. Dominik Endres
Dr. Bianca de Haan
Dr. Alla Ignashchenkova (until 09/2011)
Dr. Winfried Ilg
Dr. Axel Lindner
Dr. Jason Martin
Dr. Christine Pedroarena
Dr. Tobias Pflugshaupt
Dr. Jörn Pomper
Piret Rebassoo
Julia Suchan

Technical staff/Administration

Mirjana Angelovska
Rüdiger Berndt
Ira Breitkreuz
Dr. Friedemann Bunjes
Ute Großhennig
Dagmar Heller-Schmerold
Dr. Martin Löffler
Ursula Pascht
Susanne Smidt (until 07/2011)

PhD Doctoral Students

Artin Atabaki
Tobias Beck
Ulrich Biber (until 04/2011)
Svenja Borchers
Christoph Budziszewski
Andrea Christensen
André Maia Chagas
Nabil Daddaoua
Falk Fleischer (until 11/2011)
Petya Georgieva
Salah Hamodeh
Julian Hofmann
Bettina Joachimsthaler
Marc Junker
Mohammad Khazali
Ananya Kundu (until 03/2011)
Dongyun Li
Walter Linzenbold
David Mack
André Mandler
Karolina Marciniak
Urszula Mihulowicz
Jens R. Müller
Albert Mukovskiy
Nima Noury
Bartholomäus Odoj
Artur Pilacinski
Barbara Piotrowska
Johannes Rennig
Bernd Ritzinger
Akshay Sharma
Aleksandra Smilgin
Zong-Peng Sun
Nick Taubert
Christian Waiblinger
Melanie Wallscheid
Barbara Wirxel
Ida Zündorf

Medical Doctoral Students

Heike Beha
Caroline Bergner
Maria Bither
Annika Burghardt
Anna Maria Friemann

APPENDIX

DEPARTMENT OF COGNITIVE NEUROLOGY

Lena Gebert
Magdalena Gössling
Lisanne Jourdan
Kathrin Konzelmann
Karla Lauer
Lukas Olszewski
Sebastian Scheidt
Isabelle Schmeh
Jessica Schwarz
Tina Stoll
Carlo Wilke
Lisa Ziegler

Master Students

Dan Arnstein
Anne Bräuer
Seda Cavdaroglu
Marina Fridman
Elisabeth Kiely
Girija Ravishankar
Manuel Roth

Diploma Students

Monika Eckstein
Katrin Festl
Viviane Zwanger

CLINICAL STUDIES

Quantification of subtle movement changes in healthy subjects with increased echogenicity of the substantia nigra
Investigators: W. Ilg, I. Liepelt, C. Urban, N. Röhrich, M. A. Giese, D. Berg

Motor learning in patients suffering from cerebellar ataxia
Investigators: W. Ilg, M. Synofzik, S. Burkhard, D. Brötz, M. A. Giese, L. Schöls

Examination of the influence of visual feedback on real and pantomimed object use in apraxia
Investigators: A. Christensen, W. Ilg, M.A. Giese, H.-O. Karnath,

Affective biological motion recognition in schizophrenia
Investigators: J. Peterman, S. Park, M. A. Giese, A. Christensen, J. Mayer

Die Rolle des parietalen Kortex bei der Wahrnehmung der eigenen Bewegungen
Investigators: M. Synofzik, A. Lindner

Examination of the influence of the cerebellum on the interaction between action and perception
Investigators: D. Timmann-Braun, W. Ilg, A. Christensen, M. A. Giese

Videogame-based coordinative training in children with degenerative ataxia
Investigators: W. Ilg, M. Synofzik, M. A. Giese, L. Schöls

Neurobiologische Grundlagen der Emotionserkennung aus menschlichen Gangsequenzen bei Gesunden und Patienten mit psychischen Erkrankungen
Investigators: A.-C. Ehlis, A. Christensen, A. Fallgatter, M. A. Giese

THIRD-PARTY FUNDING

Ongoing Grants

Smart eyes: Attending and recognizing instances of salient events (ICT-215866-SEARISE)

Project leader:	Prof. Dr. Martin Giese
Funding institution:	EU
Funding period:	03/2008-02/2011
Awarded on:	April 21, 2009

Setup and maintenance of the Section for Computational Sensomotorics (EXC 307 – CIN)

Project leader:	Prof. Dr. Martin Giese
Funding institution:	DFG
Funding period:	08/2008-10/2017
Awarded on:	October 26, 2007

Adaptive modular architecture for rich motor skills (ICT-248311-AMARSi)

Project leader:	Prof. Dr. Martin Giese
Funding institution:	EU
Funding period:	03/2010-02/2013
Awarded on:	February 26, 2010

Emotional interaction grounded in realistic context (ICT-249858 TP3-TANGO)

Project leader:	Prof. Dr. Martin Giese
Funding institution:	EU
Funding period:	04/2010-03/2013
Awarded on:	April 29, 2010

Beteiligung der Colliculi superiores an der räumlichen Planung und Ausführung von visuell gesteuerten Handbewegungen (HI 1371/1-1)

Project leader:	Dr. Marc Himmelbach, Prof. Dr. Dr. Hans-Otto Karnath
Funding institution:	DFG
Funding period:	09/2008-08/2011
Awarded on:	December 13, 2007

Human reaching and grasping - cognitive networks of visual action control (ERC-2007-StG 211078-GRASP-CN)

Project leader:	Dr. Marc Himmelbach
Funding institution:	EU
Funding period:	09/2008-08/2013
Awarded on:	August 26, 2008

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DEPARTMENT OF COGNITIVE NEUROLOGY

Schülerlabor Neurowissenschaften (00.139.2008)
Project leader: Prof. Dr. Uwe Ilg
Funding institution: Tschira-Stiftung
Funding period: 01/2009-07/2012
Awarded on: September 3, 2008

Design and development of a mobile robot supporting the rehabilitation of free walking
Project leader: Dr. Winfried Ilg, Prof. Dr. Martin Giese
Funding institution: CIN (DFG)
Funding period: 01/2011-12/2011
Awarded on: September 1, 2010

European Research Network for Investigating Human Sensorimotor Function in Health and Disease (05RNP089 ERNI-HSF)
Project leader: Prof. Dr. Dr. Hans-Otto Karnath
Funding institution: ESF
Funding period: 01/2007-12/2011
Awarded on: December 2006

Selektive auditive räumliche Aufmerksamkeit in akustisch komplexen Situationen (KA 1258/12-1)
Project leader: Prof. Dr. Dr. Hans-Otto Karnath
Funding institution: DFG
Funding period: 07/2010-06/2013
Awarded on: May 27, 2010

How do cortical representations of eye position impact spatial cognition? (FP7-People-2009-IEF)
Project leader: Prof. Dr. Dr. Hans-Otto Karnath
Funding institution: EU
Funding period: 09/10-08/12
Awarded on: August 6, 2010

How do cortical representations of eye position impact spatial cognition? (Nr. 09-072209)
Project leader: Prof. Dr. Dr. Hans-Otto Karnath
Funding institution: Danish Council
Funding period: 09/2010-08/2012
Awarded on: September 8, 2010

Procedural learning deficits in patients with subcortical stroke (HIH S.07.00058)
Project leader: Prof. Dr. Andreas Luft, Prof. Dr. Dr. Hans-Otto Karnath
Funding institution: Hertie Foundation
Funding period: 01/2007-12/2011
Awarded on: December 1, 2006

Störungen motorischen Handelns nach Schädigungen des parietalen und des temporalen Kortex beim Menschen (KA 1258/10-1)
Project leader: Prof. Dr. Dr. Hans-Otto Karnath, Dr. Marc Himmelbach
Funding institution: DFG
Funding period: 01/2010-12/2011
Awarded on: November 5, 2009

Symptomorientierte voxelbasierte statistische Läsionsanalyse bei Aphasie und Akalkulie (KA 1258/11-1)

Project leader:	Prof. Dr. Dr. Hans-Otto Karnath
Funding institution:	DFG
Funding period:	07/2010-06/2014
Awarded on:	November 9, 2009

Leibniz Graduate School for Primate Neurobiology (NEUROPRIM)

Project leader:	Dr. Axel Lindner, Dr. Alexander Gail
Funding institution:	Leibniz-Gemeinschaft
Funding period:	07/2009-06/2011
Awarded on:	September 16, 2008

Mini-Graduiertenkolleg 'Was it me? The neurocognitive and philosophical basis of agency'

Project leader:	Prof. Dr. Sabine Döring, Dr. Axel Lindner, Dr. Matthis Synofzik
Funding institution:	DFG (CIN)
Funding period:	12/2009-11/2011
Awarded on:	November 25, 2009

National Network of Computational Neuroscience (Bernstein Center). Projekt "Die neuronalen Grundlagen sensorischer Vorhersagen für Wahrnehmung und Verhalten", C4

Project leader:	Dr. Axel Lindner, Prof. Dr. Martin Giese
Funding institution:	BMBF
Funding period:	05/2010-04/2015
Awarded on:	July 5, 2010

Entwicklung von dynamischer Hirnstimulation für die Anwendung in zukünftigen kortikalen sensorischen Neuroprothesen (SCHW 577/9-1)

Project leader:	Prof. Dr. Cornelius Schwarz
Funding institution:	DFG
Funding period:	08/2009-01/2013
Awarded on:	April 22, 2009

FG BARREL CORTICAL FUNCTION, TP 6 Neuronal processing of task-specific afferent whisker information in the rat barrel cortex (SCHW 577/10-1)

Project leader:	Prof. Dr. Cornelius Schwarz
Funding institution:	DFG
Funding period:	01/2010-12/2012
Awarded on:	December 4, 2009

National Network of Computational Neuroscience (Bernstein Center). Projekt "Bildgebung neuronaler Populationskodierungen von Wahrnehmungsgrößen in wachen Tieren", B2

Project leader:	Prof. Dr. Cornelius Schwarz
Funding institution:	BMBF
Funding period:	05/2010-04/2015
Awarded on:	July 5, 2010

APPENDIX

DEPARTMENT OF COGNITIVE NEUROLOGY

Schülerlabor Competence Center Neuroscience (1.03.1/08/008)

Project leader:	Prof. Dr. Peter Thier
Funding institution:	Hertie Foundation
Funding period:	07/2008-06/2011
Awarded on:	July 4, 2008

Leibniz Graduate School for Primate Neurobiology (NEUROPRIM)

Project leader:	Prof. Dr. Peter Thier
Funding institution:	Leibniz-Gemeinschaft
Funding period:	08/2009-07/2011
Awarded on:	September 16, 2008

Cerebellar-Cortical Control: Cells, Circuits, Computation, and Clinic (C7) (PITN-GA-2009-238214)

Project leader:	Prof. Dr. Peter Thier
Funding institution:	EU
Funding period:	11/2009-10/2013
Awarded on:	September 30, 2009

IZKF Promotionskolleg Molekulare Medizin. Promotionsstipendium A. Friemann

Project leader:	Prof. Dr. Peter Thier
Funding institution:	Medical Faculty Tübingen
Funding period:	04/2010-03/2011
Awarded on:	March 23, 2010

National Network of Computational Neuroscience (Bernstein Center). Projekt "Inferenz-prozesse in der visuellen Bewegungswahrnehmung", C3

Project leader:	Prof. Dr. Peter Thier, Prof. Dr. Martin Giese
Funding institution:	BMBF
Funding period:	05/2010-04/2015
Awarded on:	July 5, 2010

New Grants

D-USA-Verbund: Wie dynamisch ist neuronale Kodierung? Zustandsabhängige Stimulus-selektivität in thalamo-cortikalen Netzwerken im Tasthaarsystem der Ratte (01GQ1113)

Project leader:	Prof. Dr. Cornelius Schwarz
Funding institution:	BMBF
Funding period:	12/2011-10/2014
Awarded on:	October 28, 2011

Neuroanatomy of selective attention: testing the competitive interaction hypothesis (Junior-antrag) (F 1312057.1)

Project leader:	Dr. Bianca de Haan
Funding institution:	Medical Faculty, fortüne program
Funding period:	1 year
Awarded on:	April 7, 2011

Mechanismen und Störungen visuell gesteuerter Alltagshandlungen (KA 1258/15-1)

Project leader:	Prof. Dr. Dr. Hans-Otto Karnath, Prof. Dr. Martin Giese
Funding institution:	DFG
Funding period:	Starting 2011
Awarded on:	July 29, 2011

From 3D surface models to the cellular and molecular architecture of the dentate nucleus: characterizing human-typical traits in the cerebellum (SU 171/3-1)

Project leader:	PD Dr. Fahad Sultan
Funding institution:	DFG
Funding period:	11/2011-10/2014
Awarded on:	July 25, 2011

Cerebral processing of multimodal emotional signals

Project leader:	Prof. Dr. Dirk Wildgruber, Prof. Dr. Dr. Hans-Otto Karnath
Funding institution:	DFG (CIN)
Funding period:	12/2011-11/2012
Awarded on:	September 29, 2011

Videogame-based coordinative training in children with degenerative ataxia

Project leader:	Dr. Winfried Ilg, Dr. Matthis Synofzik
Funding institution:	Oliver-Vaihinger-Fond, Stiftung für kranke Kinder
Funding period:	starting 07/2011
Awarded on:	May 26, 2011

Adaptive Brain Computations

Project leader:	Prof. Dr. Martin Giese
Funding institution:	EU Training Network (ITN)
Funding period:	06/2012-05/2016
Awarded on:	December 08, 2011

AWARDS

Prof. Dr. Dr. Hans-Otto Karnath

NORA Advancement of Science Award 2011

Dr. Marc Himmelbach

Cortex Prize 2011, Federation of the European Societies of Neuropsychology

Dr. Dominik Endres, Andrea Christensen, Dr. Lars Omlor, Prof. Dr. Martin Giese

Best Applied Paper Award: 34th German Conference on Artificial Intelligence

Dr. Dominik Endres, Prof. Dr. Heiko Neumann, Dr. Marina Kolesnik, Prof. Dr. Martin Giese

Best Paper Award: Hooligan Detection: the Effects of Saliency and Expert Knowledge. 4th International Conference on Imaging for Crime Detection and Prevention, ICDP-11, London

APPENDIX

DEPARTMENT OF COGNITIVE NEUROLOGY

PHD THESES (COMPLETED IN 2011)

Applicant: Dr. Claire Roether

The expression of emotions through full-body movement: features and asymmetry

Supervisor: Prof. Dr. Martin Giese, Prof. Dr. Heinrich Bülthoff
Faculty: Graduate Training Center of Neuroscience

Applicant: Elisabeth Becker-Weber

Spatial neglect and visual extinction: incidence and new assessment forms after right- as well as left hemisphere stroke

Supervisor: Prof. Dr. Dr. Hans-Otto Karnath
Faculty: Graduate Training Center of Neuroscience

MEDICAL THESES (COMPLETED IN 2011)

Applicant: Christoph Zrenner

Entwicklung und Validierung einer neuen experimentellen Methode zur Untersuchung der Interaktion zwischen Gehirn und Außenwelt

Supervisor: Prof. Dr. Peter Thier

Applicant: Lena Gebert

The neural bases of gaze following in social cognition

Supervisor: Prof. Dr. Peter Thier

Applicant: Patrizia Szponik

GABAAß3-Knock-Down mittels siRNA-Injektion (RNAi) mit kombinierter Elektroporation im Neokortex junger Ratten

Supervisor: Prof. Dr. Peter Thier

DIPLOMA/MASTERS THESES (COMPLETED IN 2011)

Applicant: Seda Cavdaroglu

Neural correlates of self-other distinctions in action perception

Supervisor: Dr. Axel Lindner, Prof. Dr. Uwe Ilg
Faculty: Faculty of Science

Applicant: Anita Dieckgraeff

Detektion von Bewegungsplanung mit Hilfe eines EEGs

Supervisor: Dr. Martin Bogdan, Dr. Axel Lindner
Faculty: Faculty of Science

Applicant: Martina Krause

Untersuchung motorischer Adaption zur Gleichgewichtskontrolle bei Ganzkörperbewegungen

Supervisor: Dr. Winfried Ilg, Prof. Dr. Martin Giese, Prof. Dr. Peter Thier
Faculty: Faculty of Science

Applicant: L. Müller

Clinical diagnosis of optic ataxia

Supervisor: Dr. Marc Himmelbach
Faculty: Medical Faculty

Applicant: Manuel Roth

When the past determines the future: Updating of sensory predictions and its dysfunction in cerebellar disease

Supervisor: Dr. Axel Lindner, Dr. Matthis Synofzik
Faculty: Medical Faculty

Applicant: Akshay M. Sharma

Do F5 mirror neurons encode the goal state of observed actions

Supervisor: Prof. Dr. Peter Thier
Faculty: Graduate Training Center of Neuroscience

Applicant: Henrike Stutzki

Adaptation of goal-directed hand movements during the use of a computer mouse pad

Supervisor: Prof. Dr. Uwe Ilg
Faculty: Faculty of Science

Applicant: Christian Puzicha

Adaptive ICMs in the rat barrel cortex demandings on the electrodes

Supervisor: Prof. Dr. Cornelius Schwarz
Faculty: Graduate Training Center of Neuroscience

Applicant: André Maia Chagas

Information theoretic analysis of spike trains from rat trigeminal ganglion

Supervisor: Prof. Dr. Cornelius Schwarz
Faculty: Graduate Training Center of Neuroscience

Applicant: Katrin Festl

Blickbewegungen bei der Emotionseinschätzung animierter Läufer

Supervisor: Prof. Dr. Martin Giese, Prof. Dr. Rolf Ulrich
Faculty: Medical Faculty

Applicant: Viviane Zwanger

Implementierung von szenischem Kontextwissen in das SEARISE System

Supervisor: Dr. Dominik Endres, Prof. Dr. Martin Giese, Prof. Dr. Hanspeter Mallot
Faculty: Faculty of Science

Applicant: Judith Neuhaus

Video games change eye movements

Supervisor: Prof. Dr. Uwe Ilg
Faculty: Faculty of Science

APPENDIX

DEPARTMENT OF COGNITIVE NEUROLOGY

Applicant: Katharina Negele
Gender differences in the N170 during facial recognition
Supervisor: Prof. Dr. Uwe Ilg
Faculty: Faculty of Science

Applicant: Thorsten Thiede
Adaptation exemplified for the motion after effect
Supervisor: Prof. Dr. Uwe Ilg
Faculty: Faculty of Science

CONFERENCES

Bernstein / CIN Symposium "Bayesian Inference: From Spikes to Behavior" 2011
Tübingen, 09.-10.12.2011
Scientific Coordinator: Prof. Dr. Martin Giese

ECVP Symposium „Deforming shapes - deformable templates" 2011
Toulouse, 28.08.-01.09.2011
Scientific Coordinators: Prof. Dr. Martin Giese, Prof. Dr. Qasim Zaidi

APGV 2011, Program Chair
Toulouse, 27.08.-28.08.2011
Scientific Coordinators: Prof. Dr. Martin Giese, Prof. Dr. Diego Guitierrez

International Inaugural Workshop of the CIN Graduiertenkolleg "Rational Agency" 2011
Tübingen, 06.-07.06.2011
Scientific Coordinators: Prof. Dr. Sabine Döring, Dr. Axel Lindner, Dr. Kirstin Volz, Dr. Hong Yu Wong

Lesion Analysis Workshop 2011
Tübingen, 27.05.2011
Scientific Coordinators: Prof. Dr. Dr. Hans-Otto Karnath, Dr. Bianca de Haan

Symposium at the Vision Science Society Meeting – "Perception of Emotion from Body Expression: Neural Basis and Computational Mechanisms" 2011
Naples, 06.05.2011
Scientific Coordinator: Prof. Dr. Martin Giese

STUDENT TRAINING

Lectures (Summer Term/Winter Term)

Motor Systems
Faculty: Graduate Training Center of Neuroscience
Coordinator: Prof. Dr. Peter Thier

Neurophysiology

Faculty:	Graduate Training Center of Neuroscience
Coordinator:	Prof. Dr. Cornelius Schwarz, Dr. Christine Pedroarena

Dynamics of Neural Systems

Faculty:	Graduate Training Center of Neuroscience
Coordinator:	Prof. Dr. Martin Giese

Neuropsychology

Faculty:	Graduate Training Center of Neuroscience
Coordinator:	Prof. Dr. Dr. Hans-Otto Karnath

Fundamentals of Sensorimotor Integration

Faculty:	Faculty of Science
Coordinator:	Prof. Dr. Uwe Ilg

Funktionelle Neuroanatomie

Faculty:	Graduate Training Center of Neuroscience
Coordinator:	PD Dr. Fahad Sultan

Statistische Methoden in der künstlichen Intelligenz

Faculty:	Faculty of Science
Coordinator:	Prof. Dr. Martin Giese, Dr. Dominik Endres

Perception

Faculty:	Graduate Training Center of Neuroscience
Coordinator:	Prof. Dr. Martin Giese

Seminars and Courses

Neurokolloquium

Host:	Miscellaneous
Coordinator:	Prof. Dr. Peter Thier

Neurobiologisches Montagskolloquium

Host:	Miscellaneous
Coordinator:	Prof. Dr. Uwe Ilg

Weekend Seminar on Neural Prosthetics

Host:	Graduate Training Center of Neuroscience
Coordinator:	Dr. Axel Lindner, Dr. Thomas Münch

Lab Practicals Neurophysiology

Host:	Graduate Training Center of Neuroscience
Coordinator:	Prof. Dr. Cornelius Schwarz

APPENDIX

DEPARTMENT OF COGNITIVE NEUROLOGY

Aktuelle Probleme in der Neuropsychologie
Host: Prof. Dr. Dr. Hans-Otto Karnath
Coordinator: Prof. Dr. Dr. Hans-Otto Karnath

Praktikum Klinische Neuropsychologie
Host: Prof. Dr. Dr. Hans-Otto Karnath
Coordinator: Prof. Dr. Dr. Hans-Otto Karnath

Aktuelle Probleme der Sensomotorik
Host: Prof. Dr. Peter Thier
Coordinator: Prof. Dr. Peter Thier

Neurobiologie des Kleinhirns
Host: Prof. Dr. Peter Thier
Coordinator: Prof. Dr. Peter Thier

Summer Retreat Heiligkreuztal – The sexual brain
Host: Graduate Training Center of Neuroscience
Coordinator: Prof. Dr. Uwe Ilg

Statistische Methoden in der künstlichen Intelligenz (Übungen)
Host: Prof. Dr. Martin Giese, Dr. Dominik Endres
Coordinator: Prof. Dr. Martin Giese

LAB ROTATIONS

Summer Term 2011
Nick Del Grosso
Differential electrical stimulation detection thresholds in the rat barrel cortex
Coordinator: Prof. Dr. Cornelius Schwarz

Mariana Zaichuk
Synaptic properties of cerebello-thalamic synapse
Coordinator: Dr. Christine Pedroarena

Winter Term 2011/2012

Tim Schröder
Causal inference in self-action perception and its modulation by agency priors
Coordinator: Dr. Axel Lindner, Prof. Dr. Martin Giese

Marina Fridman
Accumulating evidence for race versus diffusion models
Coordinator: Dr. Axel Lindner

Thomas Börner

Searching for memory in whisker-mediated trace eyeblink conditioning

Coordinator: Prof. Dr. Cornelius Schwarz

Girija Ravishankar

Neural model for dynamical face recognition

Coordinator: Dr. Axel Lindner, Prof. Dr. Martin Giese

APPENDIX

DEPARTMENT OF CELLULAR NEUROLOGY

CLINICAL AND SCIENTIFIC STAFF

Head of the Department

Prof. Dr. Mathias Jucker

Group leaders

Dr. Frank Baumann
Dr. Ellen Kilger

Scientists/Residents

Dr. Janaky Coomaraswamy
Bahareh Eftekharzadeh
Dr. Yvonne Eisele
Sarah Fritschi
Dr. Stefan Grathwohl
Dr. Tsuyoshi Hamaguchi
Jasmin Hefendehl
Götz Heilbronner
Stephan Käser
Franziska Langer
Dr. Christian Liebig
Luis Maia
Dr. Giusi Manfredi
Amudha Nagarathinam
Renata Novotny
Dr. Jörg Odenthal
Dr. Angelos Skodras
Dr. Nicholas Varvel
Dr. Bettina Wegenast-Braun
Ulla Welzel
Lan Ye

Technical staff/Administration

Andrea Bosch
Isolde Breuer
Anika Bühler
Simone Eberle
Bernadette Graus
Michael Hruscha
Christian Krüger
Ulrike Obermüller
Claudia Schäfer

Medical Doctoral Students

Roswitha Kemmner
Niels Rupp

Master Students

Mehtap Bacioglu
Gonca Bayraktar
Judith Finkbeiner
Borka Jojic
Jasmin Mahler
Stefan Weiß

Diploma Students

Jennifer Jüngling-Öszoy

THIRD-PARTY FUNDING

Ongoing Grants

Generation of APP transgenic mice

Project leader:	Prof. Dr. Mathias Jucker
Funding institution:	Koesler
Funding period:	01/2005 – 12/2011
Awarded on:	December 29, 2004

NGFN-Plus: Pathomechanism of Cerebral Amyloid Angiopathy (01GS08131)

Project leader:	Prof. Dr. Mathias Jucker
Funding institution:	BMBF / DLR
Funding period:	06/2008 – 05/2011
Awarded on:	May 21, 2008

Transgene Mausmodelle für die familiäre britische und dänische Demenz: Rolle der Amyloidose für Neurodegeneration und Dysfunktion

Project leader:	Dr. Janaky Coomaraswamy
Funding institution:	Carl-Zeiss Foundation
Funding period:	02/2009 – 01/2011
Awarded on:	June 25, 2008

Hertie-Stipendienprogramm Neurowissenschaften

Project leader:	Jasmin Hefendehl
Funding institution:	Hertie Foundation
Funding period:	12/2008 – 11/2011
Awarded on:	August 12, 2008

APPENDIX

DEPARTMENT OF CELLULAR NEUROLOGY

ERA-Net "NEURON" Transfer of misfolded protein as a pathogenetic mechanism in neurodegenerative disease (01EW0901)

Project leader:	Prof. Dr. Mathias Jucker
Funding institution:	BMBF / DLR
Funding period:	02/2009 - 01/2012
Awarded on:	February 11, 2009

EC-FP7 (LUPAS, Luminescent polymers for in vivo imaging of amyloid signatures) FP7-Health-2009-1.2-5, Project No. 242098s

Project leader:	Prof. Dr. Mathias Jucker
Funding institution:	Commission of the European Community
Funding period:	11/2009 – 10/2012
Awarded on:	October 22, 2009

Membrane anchored Aβ as a prerequisite for neurotoxicity *in vitro* and *in vivo*? (BA 2257/2-1)

Project leader:	Dr. Frank Baumann
Funding institution:	DFG
Funding period:	02/2010 – 02/2013
Awarded on:	December 17, 2009

Research fellowship

Project leader:	Dr. Nicholas Varvel
Funding institution:	Alexander von Humboldt Foundation
Funding period:	06/2009 – 05/2011
Awarded on:	April 6, 2009

Research fellowship

Project leader:	Dr. Tsuyoshi Hamaguchi
Funding institution:	Alexander von Humboldt Foundation
Funding period:	10/2009 – 09/2011
Awarded on:	April 6, 2009

AD pathologies in the absence of microglia (NIRG-10-173099)

Project leader:	Dr. Nicholas Varvel
Funding institution:	Alzheimer's Association USA
Funding period:	10/2010 – 09/2012
Awarded on:	September 3, 2010

Research fellowship

Project leader:	Dr. Luis Oliveira da Maia
Funding institution:	Ministério da Ciéncia e de Tecnologia, Lisboa
Funding period:	12/2010 – 12/2012
Awarded on:	May 21, 2010

Donation for Alzheimer research

Project leader:	Prof. Dr. Mathias Jucker
Funding institution:	Anonymous donor
Funding period:	12/2010 – 12/2012
Awarded on:	December 10, 2010

New Grants

Generation of APP transgenic mice

Project leader:	Prof. Dr. Mathias Jucker
Funding institution:	Koesler
Funding period:	01/2011 – 12/2011
Awarded on:	January 10, 2011

Kompetenznetz Demenzen – Amyloid (01GI1004F)

Project leader:	Prof. Dr. Mathias Jucker
Funding institution:	BMBF /DLR
Funding period:	01/2011 – 12/2013
Awarded on:	February 21, 2011

NGFN-Plus: Pathomechanism of Cerebral Amyloid Angiopathy (01GS08131), 2nd funding period

Project leader:	Prof. Dr. Mathias Jucker
Funding institution:	BMBF / DLR
Funding period:	06/2011 – 05/2013
Awarded on:	May 16, 2011

Roman Herzog Postdoctoral Fellowship

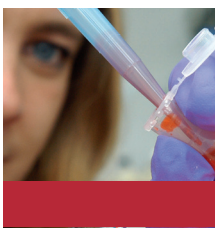
Project leader:	Dr. Jonas Neher
Funding institution:	Hertie Foundation
Funding period:	12/2011 – 11/2012
Awarded on:	June 9, 2011

PHD THESES (COMPLETED IN 2011)

Applicant:	Stefan Grathwohl

The Role of Resident and Peripheral Monocytic Cells in Mouse Models of Cerebral Amyloidosis

Supervisor:	Prof. Dr. Mathias Jucker
Faculty:	Faculty of Science, Medical Faculty



MEDICAL THESES (COMPLETED IN 2011)

Applicant:	Roswitha Annette Kemmner

Einfluss der B-Zelldefizienz auf die zerebrale Amyloidose in einem transgenen Mausmodell der Alzheimer-Demenz

Supervisor:	Prof. Dr. Mathias Jucker

APPENDIX

DEPARTMENT OF CELLULAR NEUROLOGY

DIPLOMA/MASTERS THESES (COMPLETED IN 2011)

Applicant: Gonca Bayraktar

Novel luminescent conjugated oligothiophenes (LCOs) for ex vivo optical imaging of protein aggregates in transgenic mouse models of Alzheimer´s Disease

Supervisor: Dr. Bettina Wegenast-Braun
Faculty: Graduate School of Cellular & Molecular Neuroscience, Faculty of Biology, Faculty of Chemistry and Pharmacy, Faculty of Medicine

Applicant: Judith Finkbeiner

Exogenous Induction of Cerebral β-Amyloidosis by Intraperitoneal Application of β-Amyloid Containg Brain Extracts

Supervisor: Dr. Yvonne Eisele
Faculty: Graduate School of Cellular & Molecular Neuroscience, Faculty of Science, Faculty of Medicine

Applicant: Jennifer Jüngling-Öszoy

Die Rolle der Monozyten als potentielle AƒÀ-Peptidtrager zur Rekrutierung von AƒÀ aus der Peripherie zum ZNS

Supervisor: Dr. Frank Baumann
Faculty: Faculty of Science

Applicant: Stefan Weiß

The potential role of mitochondrial Aβ in Alzheimer's disease

Supervisor: Dr. Frank Baumann
Faculty: Graduate School of Cellular & Molecular Neuroscience, Faculty of Biology, Faculty of Chemistry and Pharmacy, Faculty of Medicine

STUDENT TRAINING

Lectures (Summer Term/Winter Term)

Genetic and Molecular Basis of Neural Disease I
Faculty: Graduate School of Cellular and Molecular Neuroscience
Coordinator: Prof. Dr. Mathias Jucker, Dr. Frank Baumann, Prof. Dr. Thomas Gasser, Prof. Dr. Ludger Schöls

Cellular and Molecular Neuroscience
Faculty: Graduate School of Neuronal & Behavioural Sciences
Coordinator: Prof. Dr. Horst Herbert, Dr. Frank Baumann

Seminars and Courses

Neurohistology/pathology and Quantitative Neuromorphology
Host: Graduate School of Cellular and Molecular Neuroscience
Coordinator: Prof. Dr. Mathias Jucker, Dr. Yvonne Eisele, Dr. Bettina Wegenast-Braun

LAB ROTATIONS

Summer Term 2011

Graduate School of Cellular and Molecular Neuroscience

Coordinator: Prof. Dr. Mathias Jucker, Prof. Dr. Philipp Kahle, Dr. Simone Di Giovanni, Prof. Dr. Rejko Krüger, Prof. Dr. Ludger Schöls, Prof. Dr. Thomas Gasser, Dr. Ingrid Ehrlich

Winter Term 2011/2012

Graduate School of Cellular and Molecular Neuroscience

Coordinator: Prof. Dr. Mathias Jucker, Prof. Dr. Rejko Krüger, Prof. Dr. Philipp Kahle, Prof. Dr. Ludger Schöls, Dr. Simone Di Giovanni, Dr. Tobias Rasse, Dr. Frank Baumann, Prof. Dr. Holger Lerche, Dr. Snezana Maljevic

APPENDIX

INDEPENDENT RESEARCH GROUP NEUROREGENERATION AND REPAIR

CLINICAL AND SCIENTIFIC STAFF

Head of the Research Group

Dr. Simone Di Giovanni

Scientists/Residents

Elisa Floriddia
Kirsi Forsberg
Yashashree Joshi
Radhika Puttagunta
Giorgia Quadrato
Khizr Rathore

Technical staff/Administration

Anja Wuttke

Master Students

Stefanie Alber

THIRD-PARTY FUNDING

Ongoing Grants

The role of p53 and cGKI pathways in axonal regeneration following CNS injury

Project leader:	Dr. Simone Di Giovanni
Funding institution:	DFG
Funding period:	02/2011-02/2014
Awarded on:	December 2011

Enhancement of acetyl-p53 transcriptional activity to promote corticospinal regeneration and functional recovery following spinal injury

Project leader:	Dr. Simone Di Giovanni
Funding institution:	Wings for Life
Funding period:	10/2010-10/2012
Awarded on:	June 2010

PHD THESES (COMPLETED IN 2011)

Applicant:	Perrine Gaub

HDAC in axonal regeneration

Supervisor:	Dr. Simone Di Giovanni
Faculty:	Faculty of Medicine

DIPLOMA/MASTERS THESES (COMPLETED IN 2011)

Applicant: Stefanie Alber

BDNF/NFATc4 axis in the regulation of adult hippocampal neurogenesis

Supervisor: Dr. Simone Di Giovanni
Faculty: Faculty of Medicine

CONFERENCES

41st annual meeting of the Society for Neuroscience – Neuroscience 2011

Washington, November 12-16, 2011
Scientific Coordinator: Society for Neuroscience

APPENDIX

INDEPENDENT RESEARCH GROUP PHYSIOLOGY OF LEARNING AND MEMORY

CLINICAL AND SCIENTIFIC STAFF

Head of the Research Group

Dr. Ingrid Ehrlich

Scientists/Residents

Dr. Daniel Bosch

Technical staff/Administration

Andrea Gall

Medical Doctoral Students

Douglas Asede
Elsa Bonnard
Cora Hübner

Master Students

Cyril Daniel

THIRD-PARTY FUNDING

Ongoing Grants

Synaptic Mechanisms of Fear Memory in the amygdala: Role of plasticity in prefrontal cortical inputs and specialized inhibitory circuits

Project leader:	Dr. Ingrid Ehrlich
Funding institution:	NARSAD (National Alliance for Research in Schizophrenia and Depression, USA)
Funding period:	07/2010 – 06/2012
Awarded on:	June 2009

Development of optogenetic tools for probing synaptic and network mechanisms in learning and memory

Project leader:	Dr. Ingrid Ehrlich, Dr. Anton Sirota
Funding institution:	CIN, Exc 307 (Pool Project)
Funding period:	11/2010 – 10/2012
Awarded on:	May 10, 2010

New Grants

Mechanisms underlying developmental changes in fear and extinction learning

Project leader:	Dr. Daniel Bosch
Funding institution:	CIN, Exc 307 (Pool Project)
Funding period:	04/2011 – 04/2013
Awarded on:	February 28, 2011

Functional role of AMPA-R signaling at neuron-glia synapses in white matter

Project leader:	Dr. Maria Kukley, Dr. Ingrid Ehrlich
Funding institution:	CIN, Exc 307 (Pool Project)
Funding period:	12/2011 – 12/2012
Awarded on:	September 14, 2011

Emotional modulation of ventral hippocampal connectivity with the amygdala

Project leader:	Dr. Ingrid Ehrlich, Dr. Menahem Segal
Funding institution:	CIN, Exc 307 (CIN-Weizmann project)
Funding period:	01/2012 – 12/2012
Awarded on:	December 21, 2011

AWARDS

Dr. Ingrid Ehrlich

2011 Teaching Award

Faculty:	Graduate Training Center of Neuroscience, Tuebingen

STUDENT TRAINING

Lectures (Summer Term/Winter Term)

Molecular and Cellular Basis of Learning and Memory

Faculty:	Graduate School of Cellular and Molecular Neuroscience, Graduate School of Neural and Behavioral Sciences, Tuebingen
Coordinator:	Dr. Ingrid Ehrlich

LAB ROTATIONS

Winter Term 2011/2012

Pallavi Rao

Graduate Training Center of Neuroscience

Coordinator:	Dr. Horst Herbert

APPENDIX

INDEPENDENT RESEARCH GROUP SYNAPTIC PLASTICITY

CLINICAL AND SCIENTIFIC STAFF

Head of the Research Group

Dr. Tobias Rasse

Scientists/Residents

Petra Füger
Shabab Hannan
Jeannine Kern
Josephine Ng
Vrinda Sreekumar
Dr. Doychin Stanchev
Dr. Karthikeyan Tangavelou,
Dr. Natalia Veresceaghina
Yao Zhang
Jun-yi Zhu

THIRD-PARTY FUNDING

Ongoing Grants

Characterizing the role of fluglotse's FHA domain

Project leader:	Dr. Tobias Rasse
Funding institution:	DFG
Funding period:	08/2010-07/2013
Awarded on:	July 8, 2010

New Grants

BMBF Antrag: CNDD Research Project 2 (FTD)

Project leader:	Prof. Philipp Kahle
Funding institution:	BMBF
Funding period:	04/2011 – 12/2013
Awarded on:	September 17, 2010

STUDENT TRAINING

Lectures (Summer Term/Winter Term)

Microscopy – Cell Imaging Techniques

Faculty:	Graduate School of Cellular & Molecular Neuroscience
Coordinator:	Dr. Tobias Rasse

Model Organisms in Neurobiology

Faculty:	Graduate School of Cellular & Molecular Neuroscience
Coordinator:	Prof. Dr. Robert Feil

Cell Biochemistry in Model Organisms
Faculty: Mathematics and Natural Sciences
Coordinator: Prof. Dr. Gabriele Dodt

Seminar and Courses

Cell Biochemistry in Model Organisms
Coordinator: Prof. Dr. Gabriele Dodt

LAB ROTATIONS

Winter Term 2011/2012

Synaptic Homeostasis at the Drosophila NMJ
Coordinator: Yao Zhang

APPENDIX

LIST OF PUBLICATIONS IN 2011 (IN ALPHABETICAL ORDER)

PEER REVIEWED ARTICLES

Baas U, **De Haan B**, Grässli T, **Karnath H-O,** Mueri R, Perrig W, Wurtz P, Gutbrod K. Personal neglect – a disorder of body representation? *Neuropsychologia. 2011;49:898-905.*

Baizer JS, Sherwood CC, Witelson SF, Hof PR, **Sultan F.** Neurochemical and structural organization of the principal nucleus of the inferior olive in the human. *Anatomical Record. 2011;294(7):1198-1216.*

Balzer-Geldsetzer M, Ferreira Braga da Costa AS, Kronenbürger M, Schulz JB, Röske S, Spottke A, Wüllner U, Klockgether T, Storch A, Schneider C, Riedel O, Wittchen H-U, Seifried C, Hilker R, Schmidt N, Witt K, Deuschl G, Mollenhauer B, Trenkwalder C, **Liepelt-Scarfone I**, **Gräber-Sultan S**, **Berg D**, **Gasser T**, Kalbe E, Bodden M, Oertel WH, Dodel R. Parkinson's Disease and Dementia: a Longitudinal Study (DEMPARK). *Neuroepidemiology. 2011, Nov 4;37(3-4):168-176.*

Benali A, Trippe J, Weiler E, Mix A, Petrasch-Parwez E, Girzalsky W, Eysel UT, Erdmann R, Funke K. Theta-burst transcranial magnetic stimulation alters cortical inhibition. *J Neurosci. 2011;31(4):1193-1203.*

Berg D, **Godau J,** Trenkwalder C, Eggert K, Csoti I, Storch A, Huber H, Morelli-Canelo M, Stamelou M, Ries V, Wolz M, Schneider C, Di Paolo T, Gasparini F, Hariry S, Vandemeulebroecke M, Abi-Saab W, Cooke K, Johns D, Gomez-Mancilla B. AFQ056 treatment of levodopa-induced dyskinesias: Results of 2 randomized controlled trials. *Mov Disord. 2011, Jun;26(7):1243-50.*

Berg D, Seppi K, Behnke S, **Liepelt I**, **Schweitzer K**, Stockner H, Wollenweber F, **Gaenslen A,** Mahlknecht P, Spiegel J, **Godau J,** Huber H, **Srulijes K**, Kiechl S, Bentele M, Gasperi A, Schubert T, Hiry T, Probst M, Schneider V, Klenk J, Sawires M, Willeit J, **Maetzler W**, Fassbender K, **Gasser T**, Poewe W. Enlarged Substantia Nigra Hyperechogenicity and Risk for Parkinson Disease. A 37-Month 3-Center Study of 1847 Older Persons. *Arch Neurol. 2011, Jul;68(7):932-7.*

Berg D, Steinberger JD, Warren Olanow C, Naidich TP, Yousry TA. Milestones in magnetic resonance imaging and transcranial sonography of movement disorders. *Mov Disord. 2011, May;26(6):979-92.*

Berg D. Hyperechogenicity of the substantia nigra: pitfalls in assessment and specificity for Parkinson's disease. *J Neural Transm. 2011, Mar;118(3):453-61.*

Berg D. Substantia nigra hyperechogenicity is a risk marker of Parkinson's disease: yes. *J Neural Transm. 2011;118:613-619.*

Berg D. Tracking of striatal degeneration in prediagnostic Parkinson's disease: first steps into a promising future. *Lancet Neurol. 2011, Sep;10(9):775-6.*

Berret B, **Chiovetto E**, Nori F, Pozzo T. Evidence for composite cost functions in arm movement planning: an inverse optimal control approach. *PLoS Comput Biol. 2011;7:e1002183.*

Berret B, **Chiovetto E**, Nori F, Pozzo T. Manifold reaching paradigm: how do we handle target redundancy? *J Neuropyhsiol. 2011;106:2086-2102.*

Biber U, **Ilg UJ** (2011) Visual stability and the motion aftereffect: A psychophysical study revealing spatial updating. *PLoS ONE, 2011, 6(1):e16265*

Bischof F. Acute inflammatory neuropathies: new evidence for disease classification from Japan. *J Neurol Neurosurg Psychiatry. 2011, Mar;82(3):239. PubMed PMID: 21325024.*

Blaschka F, **Synofzik M**, **Schöls L**, Rau I, Gal A, Mussig K. [Rare differential diagnosis of primary adrenal insufficiency: case 6/2011]. *Deutsche Medizinische Wochenschrift. 2011Jun;136(24):1316.*

Boehme R, Uebele VN, Renger JJ, **Pedroarena C**. Rebound excitation triggered by synaptic inhibition in cerebellar nuclear neurons is suppressed by selective T-type calcium channel block. *J Neurophysiol. 2011;106(5):2653-61.*

Borchers S*, **Christensen A*** (*equal contribution), **Ziegler L**, **Himmelbach M**. Visual action control does not rely on strangers-effects of pictorial cues under monocular and binocular vision. *Neuropsychologia. 2011;49:556-63.*

Borchers S, Hauser T-K, **Himmelbach M**. Bilateral hand representations in human primary proprioceptive areas. *Neuropschologia. 2011;49:3383-91.*

Borchers S, **Himmelbach M**, Logothetis N, **Karnath H-O**. Direct electrical stimulation of human cortex – the gold standard for mapping brain functions? *Nature Reviews Neuroscience. 2011;13(1):63-70.*

Bouman L, Schlierf A, Lutz AK, Shan J, Deinlein A, Kast J, Galehdar Z, Palmisano V, Patenge N, **Berg D**, **Gasser T**, Augustin R, Trümbach D, Irrcher I, Park DS, Wurst W, Kilberg MS, Tatzelt J, Winklhofer KF. Parkin is transcriptionally regulated by ATF4: evidence for an interconnection between mitochondrial stress and ER stress. *Cell Death Differ. 2011, May;18(5):769-82.*

Braun C, Eisele E, Wühle A, Stüttgen MC, **Schwarz C**, Demarchi G. Mislocalization of near-threshold tactile stimuli in humans: a central or peripheral phenomenon. *Eur J Neurosci. 2011;33:499-508.*

Brockmann K, **Gröger A**, Di Santo A, **Liepelt I**, **Schulte C**, Klose U, **Maetzler W**, Hauser AK, Hilker R, Gomez-Mancilla B, **Berg D**, **Gasser T**. Clinical and brain imaging characteristics in leucine-rich repeat kinase 2-associated PD and asymptomatic mutation carriers. *Mov Disord. 2011, Nov;26(13):2335-42.*

Brockmann K, **Srulijes K**, Hauser AK, **Schulte C**, Csoti I, **Gasser T**, **Berg D**. GBA-associated PD presents with nonmotor characteristics. *Neurology. 2011, Jul 19;77(3):276-80.*

Brötz D, **Karnath H-O**. Pusher-Symptomatik: Zusammenfassung der aktuellen Erkenntnisse. *Neuroreha. 2011;2:74-80.*

Brück C, Wildgruber D, Kreifelts B, Ethofer T, **Weiss D**, **Krüger R**, **Wächter T**. Influence of deep brain stimulation in the subthalamic nucleus in Parkinson's disease on comprehension of emotional prosody. *PLoS One. 2011, 6:e19140*

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