

Organisation and Imprint

Venue

Kaiserin-Friedrich-Haus
Robert-Koch-Platz 7
10115 Berlin/DE
www.kaiserin-friedrich-stiftung.de

Date

26–28 August 2015

Conference Website

www.dgmn-conference.de



Hosting society

German Society for Neuropathology and
Neuroanatomy (DGNN)
www.dgmn.de

Conference Chair

Prof. Dr. med. Frank Heppner
Department of Neuropathology
Charité – Universitätsmedizin Berlin
Campus Charité Mitte
Charitéplatz 1
10117 Berlin/DE

Conference language

The official conference language is English.

Publishing of Abstracts

Abstracts are published via the online portal German Medical
Science (GMS).

Congress Organisation and Industrial Exhibition

Conventus Congressmanagement & Marketing GmbH
Ulrike Eisner
Carl-Pulfrich-Straße 1
07745 Jena/DE
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General Information

Registration Fees

Regular 220 EUR
Student* 110 EUR

Workshop (limited places – first come, first served)
26 August 2015 50 EUR

Social Program

Social Dinner 27 August 2015
Regular 60 EUR
Student* 35 EUR

Guided Tour through the Charité Campus Mitte
26 August 2015 6 EUR
Guided City Tour along the Berlin Wall
28 August 2015 12 EUR

* Please provide proof via email registration@conventus.de and quote **DGNN** or
fax +49 3641 31 16-244.

Please find the actual general terms and conditions at the conference
website: www.dgmn-conference.de.

Check-In

The Check-In desk will be located in the foyer on the first floor.

Speakers' Desk

Speakers are requested to submit their slides at least 90 minutes
before their presentations at the speakers' desk in the back of the
lecture hall.

Industrial Exhibition

There is an accompanying industrial exhibition. The exhibitors are
looking forward to welcoming you and to present their comprehensive
range of innovative products.

General Information

Certification

The DGNN 2015 has been acknowledged for certification (CME cred-
its) of the Scientific and Teaching Program at the Berlin Chamber of
Physicians.

Scientific Program

Workshop, 26 August 2015 4 Points, Category C
26 August 2015 3 Points, Category B
27 August 2015 6 Points, Category B
28 August 2015 6 Points, Category B

Daily registration at the certification desk of the "LÄK" (near Check-
In) is a mandatory requirement! Your name badge will contain an
individual barcode. For certification, we kindly ask you to scan your
name badge as well as your EFN-barcode once a day at the certifica-
tion desk. Here, you will also receive your daily certificate for your
Medical Chamber.

Opening Hours

	26 August	27 August	28 August
Industrial Exhibition	11 ⁰⁰ –18 ³⁰	08 ⁰⁰ –19 ⁰⁰	08 ⁰⁰ –16 ³⁰
Poster Exhibition		08 ⁰⁰ –19 ⁰⁰	08 ⁰⁰ –16 ³⁰
Check-In	09 ⁰⁰ –18 ³⁰	08 ³⁰ –19 ⁰⁰	08 ⁰⁰ –16 ⁰⁰
Speakers' Desk	09 ⁰⁰ –18 ³⁰	08 ³⁰ –19 ⁰⁰	08 ⁰⁰ –16 ⁰⁰

Catering

Catering will be provided during the official program breaks in the
industrial exhibition.

Internet

The Kaiserin-Friedrich-Haus will provide a free Wifi access.

Login data:

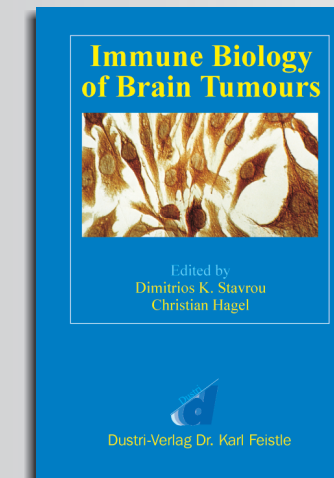
Net: Hörsaal

Code: hoersaal10115

People with disabilities:

There will be no barrier-free access to the venue. People with dis-
abilities are kindly requested to contact Conventus.

Neurology – Oncology – Paediatrics



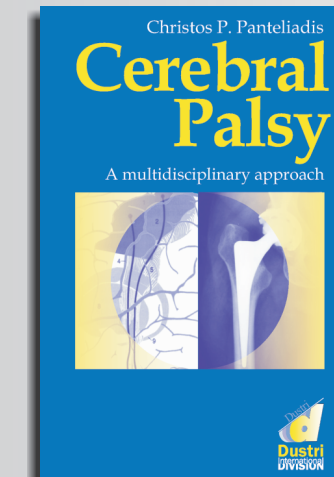
D.K. Stavrou
C. Hagel

Immune Biology of Brain Tumours

2010. XIV, 232 pages,
24 figures, 14 in colour,
11 tables,
16 x 24 cm, hardcover,
ISBN 978-3-87185-401-9
US\$ 65.00 / Euro 50.00
+ shipping

Topics:

Introduction – general considerations – brain tumour immunology –
glioma-associated antigens – radioimmunoscintigraphy of gliomas –
applications of monoclonal antibodies in clinical neurooncology



C.P. Panteliadis

Cerebral Palsy

2011. XV, 312 pages,
98 figures, 15 in colour,
19 tables,
16 x 24 cm, hardcover,
ISBN 978-3-87185-403-3
US\$ 85.00 / Euro 65.00
+ shipping

Topics:

Definition – epidemiology – neuropathology – prevention – clinical
characteristics – diagnosis – treatment (physiotherapy, orthopedic
management, surgery, medication) – comorbidities – prognosis

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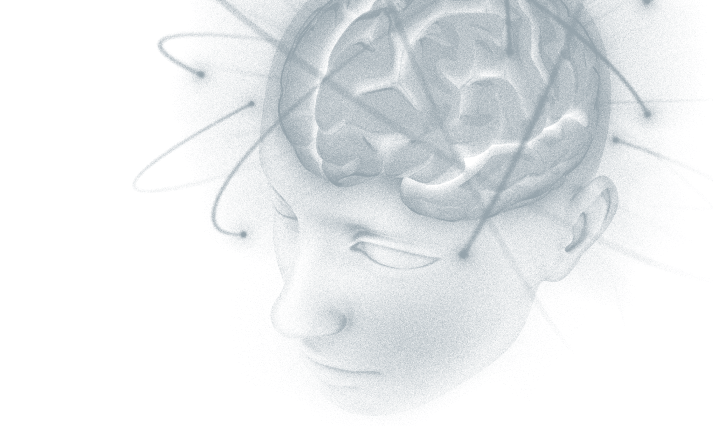
Clinical Neuropathology

State: 30 July 2015



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tis, Herpes simplex, Otitis media, Rhinitis, Zahnschmerz,
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plasma, Lymphadenopathie, Überempf.reakt., Anorexie,
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Funktionsstör., Obstipation, Zahnkaries, Dyspepsie, Dys-
phagie, Darmkonstipation, Erbrechen, abnormer Leber-
funktionsst. Ekchymose, Hyperhidrose, Pruritus, Stör. d.
Haut, Unikaria, Nackenschm., Hamdrang, Pollakisurie,
Harnretention, Schüttelfrost, Gesichtsrötung, Atrophie a.
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Reakt., peripheres Ödem, Ödem, Fyrexie. Gelegentl.:
Abszess, Zellulitis, Furunkel, Herpes zoster, Pyelonephri-



**26–28 August
2015**

**BERLIN
Germany**



www.dgmn-conference.de

Welcome Note of the Conference Chair

Dear colleagues, guests and friends,

It is my great pleasure to welcome you to the 60th Annual Meeting of the German Society for Neuropathology and Neuroanatomy (DGNN) at the Kaiserin-Friedrich-Haus, very nearby the historical campus of the Charité – Universitätsmedizin Berlin, right at the center of Berlin. As an ideal location for scientific exchange and training of young as well as experienced scientists and physicians, we hope for numerous participation and interesting contributions.

The meeting will cover the broad spectrum of diagnostic and experimental neuropathology comprising the areas neurodegeneration, neurooncology, myopathology and neuroinflammation/neuroimmunology. Various emerging neuroscience topics will be presented and intensely discussed, e. g. within panel discussions, by outstanding international leaders in the field. In order to meet the interests of all participating groups including young researchers, the program will be further completed by poster presentations (“data blitz”) and workshops.

We are looking forward to an exciting meeting!



Frank Heppner, M. D.
Director, Department of Neuropathology
Congress President DGNN Meeting 2015

Scientific Program • Wednesday, 26 August 2015

09 ⁰⁰ –12 ⁰⁰ Seminarraum	DGNN Workshop	
09 ⁰⁰	Neuropathologische Diagnostik von Hirntumoren – alte und neue Herausforderungen Werner Paulus (Münster/DE)	
10 ⁰⁰	Myopathologie der Myositiden Werner Stenzel (Berlin/DE)	
	Hans-Hilmar Goebel (Berlin/DE)	
11 ⁰⁰	Neurodegenerative Erkrankungen: neuropathologische Diagnose und Staging am Beispiel von M. Alzheimer und Frontotemporalen Demenzen Manuela Neumann (Tübingen/DE)	
	Dietmar Thal (Ulm/DE)	
14 ⁰⁰ –15 ⁰⁰ Hörsaal	Opening Ceremony	
Chair	F. Heppner	
14 ⁰⁰	Welcome Axel Radlach Pries, Dean of the Charité (Berlin/DE)	
	Frank Heppner, Congress President (Berlin/DE)	
14 ¹⁰	Potential role of extracellular tau in development and spread of tauopathy effects of anti-tau antibodies David Holtzman (St. Louis, MO/US)	
15 ⁰⁰ –16 ⁴⁰ Hörsaal	Neurodegeneration I	
Chairs	M. Neumann/D. Thal	
15 ⁰⁰	Tau signatures in familial prion diseases and FTDP-17 MAPT Bernardino Ghetti (Indianapolis, IN/US)	
15 ³⁰	Activation of resident brain microglia by viral infection leads to transient clearance of infectious prions from the brain Susanne Krasemann (Hamburg/DE)	
ND 6	In vivo imaging of presynaptic pathology in a mouse model of Alzheimer’s disease Mario Dorostkar (München/DE)	
15 ⁴⁰	ER chaperone Sigma 1 receptors (SigR1) in the pathogenesis of amyotrophic lateral sclerosis (ALS) and Huntington’s disease (HD) Anand Goswami (Aachen/DE)	
ND 8		
15 ⁵⁰		
ND 5		

Scientific Program • Wednesday, 26 August 2015

16 ⁰⁰	Integrated analysis of the epigenome in Alzheimer’s disease brains and during ageing Theo Franz Josef Kraus (München/DE)	
ND 1	Brain infarction, dementia, and related vessel disorders – impact of infarct size, distribution, and its association with vessel and heart disorders Moritz Hecht (Ulm/DE)	
16 ¹⁰	Phosphorylated α-synuclein in skin nerve fibers differentiates Parkinson’s disease from multiple system atrophy Leonora Zange (Berlin/DE)	
ND 2	Insights in aggregation behaviour and lipidmembrane interaction potential of mutants of alpha-synuclein in vitro Viktoria Ruf (München/DE)	
16 ²⁰		
ND 3		
16 ³⁰		
ND 4		
16 ⁴⁰ –17 ¹⁰	Coffee Break and Industrial Exhibition	
17 ¹⁰ –17 ⁵⁰ Hörsaal	Neurodegeneration II	
Chairs	C. Mawrin/F. Heppner	
17 ¹⁰	Prion-like propagation of synucleinopathy in mice expressing wild-type alpha-synuclein Gültekin Tamgüney (Bonn/DE)	
ND 7	Towards development of new therapeutics for synucleinopathies in preclinical models Eliezer Masliah (San Diego, CA/US)	
17 ²⁰		
17 ³⁰ –18 ³⁰ Hörsaal	Open Topic I	
Chairs	C. Mawrin/F. Heppner	
17 ³⁰	High-pressure freezing for EM to study plasticity and pathology of identified central synapses Michael Frotscher (Hamburg/DE)	
OT 1	News and views on mitochondrial encephalomyopathies Hannes Vogel (Stanford, CA/US)	
18 ⁰⁰		
18 ⁴⁵ –20 ⁴⁵ Hörsaal	DGNN Society Meeting	

Scientific Program • Thursday, 27 August 2015

08 ³⁰ –10 ²⁰ Hörsaal	Neurooncology I	
Chairs	G. Reifenberger/A. Koch	
08 ³⁰	Experimental models of brain metastasis and new therapeutic approaches Rolf Bjerkvig (Bergen/NO)	
09 ⁰⁰	Molecular classification of brain tumors Stefan Pfister (Heidelberg/DE)	
09 ³⁰	A mouse model for Embryonal Tumors NO 1 with Multilayered Rosettes (ETMRs) predicts tumor responsiveness to Sonic hedgehog inhibitors Julia Pöschl (München/DE)	
NO 1	Histopathological WHO grading and H3.3K27 mutational status represent independent prognostic markers in pediatric high grade gliomas Torsten Pietsch (Bonn/DE)	
09 ⁴⁰	CD74 expression in tumour cells is a positive prognostic marker for brain metastases patients Pia S. Zeiner (Frankfurt a. M./DE)	
NO 2	DNA methylation array-based molecular 4profiling for brain tumour classification David Capper (Heidelberg/DE)	
09 ⁵⁰	Papillary tumor of the pineal region – a distinct molecular entity Stephanie Heim (Münster/DE)	
NO 7		
10 ⁰⁰		
NO 4		
10 ¹⁰		
NO 6		
10 ²⁰ –10 ⁴⁰ Hörsaal	Open Topic II	
Chairs	G. Reifenberger/A. Koch	
15 ⁴⁰	SIGMA1Receptor of mice and men Hamid Azzedine (Aachen/DE)	
OT 2	Claudin-3 maintains bloodbrain barrier and delays recovery from stroke Ingolf Blasig (Berlin/DE)	
15 ⁵⁰		
OT 3		
10 ⁴⁰ –11 ⁰⁰	Coffee Break and Industrial Exhibition	
11 ⁰⁰ –12 ⁰⁰ Seminarraum/ Clubraum	Poster Session I	
12 ⁰⁰ –12 ³⁰ Hörsaal	Poster Flash I	

Scientific Program • Thursday, 27 August 2015

12 ³⁰ –13 ³⁰	Lunch Break and Industrial Exhibition	
13 ³⁰ –15 ⁴⁰ Hörsaal	Myopathology	
Chairs	J. Weis/W. Stenzel	
13 ³⁰	Modern molecular genetics in diagnostic myology Markus Schülke (Berlin/DE)	
14 ⁰⁰	Specific auto-antibodies in inflammatory myopathies lead to the identification of new clinico pathological syndromes Olivier Benveniste (Paris/FR)	
14 ³⁰	Neurodevelopmental, neurodegenerative and neuromuscular disorders due to defects in cellular trafficking and autophagy Karl-Heinz Jungbluth (London/GB)	
15 ⁰⁰	The spectrum of glycogen storage diseases – How essential is a muscle biopsy? Benedikt Schoser (München/DE)	
15 ³⁰	Proteasome immunosubunits in the pathogenesis of myopathies Salyan Bhattarai (Berlin/DE)	
M1		
15 ⁴⁰ –16 ¹⁰	Coffee Break and Industrial Exhibition	
16 ¹⁰ –17 ⁵⁰ Hörsaal	Neuroinflammation/Neuroimmunology I	
Chairs	T. Kuhlmann/C. Stadelmann-Nessler	
16 ¹⁰	Contributions of innate immune activation to neurodegeneration in Alzheimer’s disease Michael Heneka (Bonn/DE)	
16 ⁴⁰	Vascular Determinants of Lesion Formation in Multiple Sclerosis Alexandre Prat (Montréal/CA)	
17 ¹⁰	Pathologic mechanisms of disease progression in multiple sclerosis Wolfgang Brück (Göttingen/DE)	
17 ⁴⁰	Fluorescence lifetime imaging reveals oxidative stress mechanisms in chronic neuroinflammation Helena Radbruch (Berlin/DE)	
NI 1		
17 ⁵⁰ –18 ¹⁰	Coffee Break and Industrial Exhibition	

Scientific Program • Thursday, 27 August 2015

18 ¹⁰ –18 ⁵⁰ Hörsaal	Neuroinflammation/Neuroimmunology II	
Chairs	W. Brück/I. Blümcke	
18 ¹⁰	Temporal modulation of the immunomodulatory surface molecule CD47 is a precondition for remyelination in MS lesions Andreas Junker (Göttingen/DE)	
NI 2	Pathological features of steroid mitigated CNS lymphoma mimicking inflammatory demyelination Alonso Barrantes-Freer (Göttingen/DE)	
18 ²⁰	Host microbiota constantly control maturation and function of microglia in the central nervous system Daniel Erny (Freiburg/DE)	
NI 3	Microglia regulate adult-born neuroblast development and survival Frank Heppner (Berlin/DE)	
18 ³⁰		
NI 4		
18 ⁴⁰		
NI 5		



Scientific Program • Friday, 28 August 2015

08 ⁰⁰ –09 ³⁰ Hörsaal	Panel Discussion – Biobanking	
Moderator	J. Weis	
08 ⁰⁰	Kick-off presentation Neuropathology of atypical parkinsonism in The Mayo Clinic Brain Bank for Neurodegenerative Disorders Dennis W. Dickson (Jacksonville, FL/US)	
Participants	D. Dickson, M. Neumann, D. Thal and others	
09 ³⁰ –10 ⁰⁰	Coffee Break and Industrial Exhibition	
10 ⁰⁰ –11 ⁰⁰ Seminarraum/ Clubraum	Poster Session II	
11 ⁰⁰ –11 ³⁰	Poster Flash II	
11 ³⁰ –12 ³⁰ Hörsaal	Lunch Break and Industrial Exhibition	
12 ³⁰ –13 ⁵⁰ Hörsaal	Neurooncology II	
Chairs	W. Paulus/A. Pagenstecher	
12 ³⁰	Angiogenesis in neurooncology – from hero to zero, and about the challenge to come back Peter Vajkoczy (Berlin/DE)	
13 ⁰⁰	Employing biomarkers in the treatment of brain tumors Wolfgang Wick (Heidelberg/DE)	
13 ³⁰	Improved prognostic stratification of patients with diffuse cerebral WHO grade II and III gliomas using genome- and transcriptome-wide molecular profiling Guido Reifenberger (Düsseldorf/DE)	
NO 5	Next-Generation-Sequencing in routine neuropathology diagnostics Felix Sahm (Heidelberg/DE)	
13 ⁴⁰		
NO 3		
13 ⁵⁰ –15 ²⁰ Hörsaal	Panel Discussion – (Neuro)oncology and Personalised Medicine	
Moderator	P. Vajkoczy	
13 ⁵⁰	Kick-off presentation The Network Genomic Medicine – lung cancer challenges and limitations of NGS-based cancer diagnostics Reinhard Büttner (Köln/DE)	
Participants	R. Büttner, W. Wick, S. Pfister and others	

Scientific Program • Friday, 28 August 2015

15 ²⁰ –16 ³⁰ Hörsaal	Award and Closing Ceremony	
	The following awards will be granted during the Closing Ceremony: Theodor-Schwann Prize (Laudatio: J. Weis) Werner-Rosenthal Prize (Laudatio: W. Paulus) Assmus Prize (Laudatio W. Brück)	

General Information for Authors and Presenters

All posters will be presented during the Poster Sessions.

Posters referring to the topics

- Neurodegeneration (ND)
- Neuroinflammation (NI)

will be presented on Thursday, 27 August 2015, from 11⁰⁰–12⁰⁰.

Posters referring to the topics

- Myopathology (M)
- Neurooncology (NO)
- Free Topics (OT)

will be presented on Friday, 28 August 2015, from 10⁰⁰–11⁰⁰.

After the Poster Sessions, selected authors will be given the opportunity to present their poster during the Poster Flashes following the Poster Sessions.

Poster presenters are asked to be present during the poster sessions.

All authors and titles of the posters are listed in the abstract volume that is available at <http://www.egms.de/en/meetings/dgnn2015/index.htm>.