



Deutsche
Gesellschaft für
Neurogastroenterologie und
Motilität e.V.



Programm

29. DGNM-JAHRESTAGUNG

25. – 27. Februar 2022

Wissenschaftliche Leitung:

Prof. Dr. med. A. Stengel, Berlin/Tübingen

PD Dr. med. R. Patejdl, Rostock

PD Dr. med. M. Goebel-Stengel, Rottweil/Tübingen

Veranstalter:

Deutsche Gesellschaft für

Neurogastroenterologie und Motilität (DGNM)

Online | Für die Veranstaltung sind 9 Fortbildungspunkte bei der LÄK Berlin beantragt.

Änderungen vorbehalten, Stand: 11. Februar 2022



Programm

Freitag, 25. Februar 2022

19.00 – 20.00 Virtuelle After-Work-Lounge

Samstag, 26. Februar 2022

Beginn 8.00 Eröffnung / Begrüßung
A Stengel (Tübingen, Berlin)

8.00 – 9.00 Session I: Basic - ENS
Vorsitz: G Mazzuoli-Weber (Hannover)

8.00 – 8.15 Recordings from gastric mechanosensitive neurons
S Mayr, R Schliep, G Mazzuoli-Weber (Hannover)

8.15 – 8.30 Elucidating the role of the NF- κ B pathway on the enteric neural system.
M A Tapia-Laliena, *R Khasanov, L M Wessel, M Böttcher, K-H Schäfer (Mannheim)


8.30 – 8.45 Impact of the environment on ENS and muscle cells in artificially constructed functional muscle fibers in Vitro
*R Khasanov, M A Tapia-Laliena, M Böttcher, L Wessel, K-H Schäfer (Mannheim, Zweibrücken)

8.45 – 9.00 Wnt antagonist Dickkopf1: regulator of the enteric progenitor niche in mice and human
M Scharr, M Fischer, S Scherer, P Neckel (Tübingen)

9.00 – 10.00 Session II: Translational - Brain Stimulation and Regulation of Food Intake
Vorsitz: M Goebel-Stengel (Rottweil, Tübingen)

Programm to 29th Annual Meeting of DGNM (German Society for Neurogastroenterology and Motility). An ESNM (European Society of Neurogastroenterology and Motility, www.esnm.eu) endorsed event. Follow DGNM on:

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Organizer:
Deutsche Gesellschaft für Neurogastroenterologie und Motilität (DGNM)
c/o Psychosomatische Medizin und Psychotherapie, Universitätsklinikum Tübingen
Osianderstr. 5, 72076 Tübingen

- 9.00 – 9.15 Surgical stress stimulates the activity of several phoenixin-immunoreactive brain nuclei
T Friedrich, M A Schalla, M Goebel-Stengel, P Kobelt, M Rose, A Stengel (Berlin, Rottweil, Tübingen)
- 9.15 – 9.30 Vagus nerve stimulation increases stomach-brain coupling via a vagal afferent pathway.
S Müller, V Teckentrup, I Rebollo, M Hallschmid, N Kroemer (Tübingen, Nuthetal)
- 9.30 – 9.45 Food intake microstructure of rats in the novel chronic activity-based anorexia model
M A Schalla, V Hanel, T Friedrich, M Goebel-Stengel, P Kobelt, M Rose, A Stengel (Berlin, Rottweil, Tübingen)
- 9.45 – 10.00 Anxiety and anhedonia in a chronic activity-based anorexia model
V Hanel, M A Schalla, T Friedrich, M Goebel-Stengel, M Long, P Kobelt, M Rose, A Stengel (Berlin, Rottweil, Tübingen)

10.00 – 10.15 Kaffeepause

10.15 – 11.30 Session III: Translational - Pancreas Vorsitz: R Patejdl (Rostock)

- 10.15 – 10.30 Neuronal glutamate promotes pancreatic cancer cell migration through neuro-cancer synapses that fuel the GRIN2D-EZH2-E2F1-RB pathway
L Ren (München)
- 10.30 – 10.45 Synergic crosstalk between intratumoral nerves and myeloid derived suppressor cells in pancreatic cancer via neuronal-derived expression of CXCL8.
C Mota Reyes, T Zwick, A Muckenhuber, W Weichert, H Friess, H Algül, R Istvanffy, I E Demir (München)
- 10.45 – 11.00 Neoadjuvant chemotherapy suppresses immune function and favours neuronal activity in patients with pancreatic ductal adenocarcinoma
M Kießler, C Mota Reyes, H Friess, R Istvanffy, I E Demir (München)

- 11.00 – 11.15 Pancreatic proteases mediate pain in pancreatic cancer
P Gärtner, O Safak, D Jungwirth, S Tokalov, H Friess, R Istvanffy, I E Demir (München)
- 11.15 – 11.30 The pancreatic proteases as new analgesic targets in acute and chronic pancreatitis.
O Safak, D Jungwirth, P Gärtner, S Tokalov, H Friess, I E Demir (München)

11.30 – 12.00 Session IV: Vortrag Preisträgerin Neurogastroenterologie Vorsitz: T Frieling (Krefeld)

- 11.30 – 12.00 Autoreactive CD8 T cell-mediated attack of enteric neurons induces gastrointestinal dysmotility
M Sanchez-Ruiz (Köln)

12.00 – 13.00 Mittagspause

13.00 – 13.30 Session V: Clinical - Diagnostics Vorsitz: A Stengel (Tübingen, Berlin)

- 13.00 – 13.15 Neurogastroenterologic disorders and immune mediated food intolerance within the duodenum – evaluation by endomicroscopy
T Frieling, B Gjini, I Melchior, C Kreysel, P Euler, D Müller, M Blank (Krefeld)
- 13.15 – 13.30 Eosinophilic esophagitis and food challenge – evaluation through endomicroscopy
T Frieling, B Gjini, I Melchior, C Kreysel, P Euler, D Müller, M Blank (Krefeld)

13.30 – 17.30 Farewell-Symposium for Prof. Michael Schemann

13.30 – 15.30 Session VI: Importance of Neurogastroenterology for other disciplines Vorsitz: T Wedel (Kiel)

13.30 – 14.00 Neurogastroenterology and Nutritional Physiology
Hannelore Daniel (Freising)

14.00 – 14.30 Neurogastroenterology and Neurophysiology
David Grundy (Sheffield, UK)

14.30 – 15.00 Neurogastroenterology and Neurology
Michel Neunlist (Nantes, France)

15.00 – 15.30 Neurogastroenterology and Neuroendocrinology
Y Taché (Los Angeles, USA)

15.30 – 16.00 Kaffeepause

16.00 – 16.30 Session VII: The good old days: from Hohenheim to Freising - a Cologne in exile

Vorsitz: P Enck (Tübingen, Berlin)

Sabine Bühner – Paul Enck – Thomas Frieling – Michel Neunlist – Klaus Michel – Helga Pfannkuche – Gemma Mazzuoli-Weber – Holger Sann

16.30 – 17.30 Session VIII: Neurogastroenterology: Love relationship or marriage of convenience?

Vorsitz: M Camilleri (Rochester, USA)

A debate between basic research and clinical relevance
Roberto de Giorgio (Ferrara, Italy) und Simon Brookes (Adelaide, Australia)

17.30 – 18.00 Pause

18.00 – 20.00 Mitgliederversammlung

**A Stengel (Tübingen, Berlin), R Patejdl (Rostock),
M Goebel-Stengel (Rottweil, Tübingen)**

ab 20.00 Geselliges „Biereinander“ in der virtuellen Korbiniansklausur

Sonntag, 27. Februar 2022

9.00 – 10.00 Session IX: Translational - Motility

Vorsitz: M Sanchez-Ruiz (Köln)

9.00 – 9.15 Murine esophagus expresses glial-derived central nervous system antigens.

J Wörl, C Kapitza, R Chunder, A Scheller, K S Given, W B Macklin, M Enders, S Kürten, W L. Neuhuber (Erlangen, Bonn, Homburg, Aurora, USA)

9.15 – 9.30 Fennel tea shows region specific effects on stomach motility

A Annahazi, M Schemann (Freising)

9.30 – 9.45 Sphingosine-1-phosphate agonists as modulators of gastric and intestinal contractility: signaling pathways and potential interactions with immune cells

*A Evers, V Wendel, R Patejdl (Rostock)

9.45 – 10.00 Identification and characterization of novel candidate genes in familial Hirschsprung Disease

*S Schmitteckert, D Dawid, T Mederer, L Carstensen, R Röth, P Günther, G A. Rappold, P Romero, B Niesler (Heidelberg)

10.00 – 10.15 Kaffeepause

10.15 – 11.30 Session X: Basic & Clinical - IBS

Vorsitz: C Pehl (Vilsbiburg)

10.15 – 10.30 STW 5 affects growth and biofilm formation of selected members of gut microbiota

MT Khayyal (Kairo, Egypt)

Die DGNM-Jahrestagung 2022 wird von folgenden Sponsoren unterstützt:



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