

Special Issue

Trends and Outlooks in Neurogastroenterology

Message from the Guest Editor

Neurogastroenterology, along with oncology and robotics, is expected to see the greatest momentum in innovation and translation in the field of internal medicine. This is particularly linked to the increasing deciphering of the importance of the intestinal microbiome for health and disease. However, the classic areas of neurogastroenterology such as gastrointestinal dysfunction, irritable bowel syndrome, visceral pain perception, and the multiple intersections of "brain-gut interaction" will also help define new areas of individualized precision medicine. In particular, the interaction of the intestinal microbiome and the enteric nervous system and its importance for the genesis of neurodegenerative diseases, such as Parkinson's disease or dementia, is of general interest. However, also technical innovations, such as optogenetic and chemogenetic endoscopic intravital endoscopy open new diagnostic spaces for neurogastroenterology. We invite you to participate in this dynamic discussion with your scientific contributions from the broad field of neurogastroenterology.

Guest Editor

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