

## ISNVD WEBINAR MEETING

### COVID-19 and Neurological Complications



#### **ISNVD WEBINAR SERIES – November 11, 2020**

The International Society for Neurovascular Diseases (ISNVD) invites you to attend a webinar meeting on "Covid-19 and Neurological Complications" via Zoom. The ISNVD is dedicated to the dissemination and review of new concepts in etiopathogenesis, novel diagnostics, and therapeutic strategies in various neurovascular diseases.

#### **About this webinar meeting:**

- The most common clinical manifestations of COVID-19 coronavirus are nonspecific acute respiratory signs and symptoms. As case numbers continue to rise worldwide, studies have reported that a large number of COVID-19 patients had developed neurological complications.
- This is the second COVID-19 related ISNVD webinar meeting. The first part of the meeting will discuss COVID-19 related complications among multiple sclerosis (MS) patients during the pandemic and its treatment. The second part will discuss solutions for proper diagnosis in accurately detecting brain lesions related to SARS-CoV-2, using advanced brain imaging techniques.

**DATE:** November 11, 2020

#### **Meeting Start Time**

USA: 9am EST

Europe: 3pm CET

Asia: 10pm Beijing time

#### **Join Zoom Webinar Meeting**

[https://zoom.us/webinar/register/WN\\_99EG9\\_kDRme6rVWViHv\\_kQ](https://zoom.us/webinar/register/WN_99EG9_kDRme6rVWViHv_kQ)

#### **Guidelines for Joining Zoom Webinar**

- After you click the link above, you will be directed to a page that requests your name and institution before you access the webinar meeting link.
- After your registration, you will be able to access the direct Webinar meeting link.
- Please join the webinar 15 minutes early to minimize last minute technical issues.
- Ensure that you have downloaded the ZOOM and your device meets the system requirements for running this application.

- For participants, the audio and video will be turned off during the meeting, you are encouraged to ask questions in the Q/A session and chat room.
- If you have any questions, please contact Mr Li Jiang at [li.jiang@isnvd.org](mailto:li.jiang@isnvd.org)

## **MEETING SCHEDULE AND SPEAKERS**

**09:00 – 09:05 Welcome and Introduction** (Y. Ge, P. Zamboni)

**09:05 – 09:25 COVID-19 and MS: Disease and Treatment Consideration – Dejan Jakimovski, MD, PhD.** (Director, Clinical Research Unit Buffalo Neuroimaging Analysis Center and Research Assistant Professor, Department of Neurology, University at Buffalo, State University of New York. Buffalo, NY, USA)

**09:25 – 09:30 Opinions from Experts – Mario Clerici, MD, PhD.** (Head of Department of Physiopathology and Transplants, Full Professor in Immunology, University of Milan; Head of Department of Molecular Medicine, Head of MRI laboratory, Scientific Director, Don Carlo Gnocchi Foundation. Milan, Italy)

**09:30 – 09:45 Q&A and Discussion** (Panelists: M. Clerici, D. Jakimovski, M. Laganà, F. Salvi, P. Zamboni, R. Zivadinov)

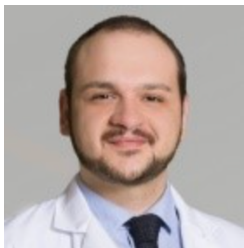
**09:45 – 10:05 The Several Faces of COVID-19 and Brain Lesions: The Usual and the Unusual – Nivedita Agarwal, MD.** (Double-boarded neurologist and neuroradiologist, Hospital of Rovereto. Rovereto, Italy)

**10:05 – 10:10 Opinions from Experts – Alireza Radmanesh, MD** (Assistant Professor of Radiology, Director of Pediatric Neuroradiology, NYU Grossman School of Medicine. New York, NY, USA)

**10:10 – 10:25 Q&A and Discussion** (Panelists: N. Agarwal, Y. Ge, E. M. Haacke, E. Menegatti, A. Radmanesh, M. Wang)

**10:25 – 10:30 Closing Remarks** (E. Menegatti, M. Laganà)

## **SPEAKERS AND ABSTRACTS**



**Dejan Jakimovski, MD, PhD.** Director, Clinical Research Unit Buffalo Neuroimaging Analysis Center and Research Assistant Professor, Department of Neurology, University at Buffalo, State University of New York. Buffalo, NY.

### **COVID-19 and MS: Disease and Treatment Consideration**

The talk will present emerging data regarding the risk and outcome of COVID-19 in different multiple sclerosis (MS) populations.

In particular, it will discuss the management of MS patients during the COVID-19 pandemic and explore the potential effects of different MS disease-modifying treatments (DMTs). Lastly, the presentation will shortly explore factors that may influence future vaccination policies in such an immunosuppressed population.



**Nivedita Agarwal, MD.** Double-boarded neurologist and neuroradiologist, Hospital of Rovereto. Rovereto, Italy.

**The Several Faces of COVID-19 and Brain Lesions: The Usual and the Unusual.**

The talk will reiterate the many different ways that SARS-CoV-2 may affect the central and the peripheral nervous system.

Magnetic resonance imaging and computed tomography have by far been the most frequently used imaging modalities to detect brain and spine lesions in COVID-19 patients but not all lesions are due to the virus itself. An accurate differential diagnosis is fundamental to treat patients. Follow-up imaging should be considered in neurologically affected patients for long-term disability.

### **Senior Chairs:**

**Yulin Ge, MD.** Professor of Radiology, New York University (NYU) Grossman School of Medicine. President of ISNVD. New York, NY, USA.

**Paolo Zamboni, MD.** Professor, Chair of Vascular Surgery and Program Director of the School of Vascular Surgery, University of Ferrara. Ferrara, Italy.

### **Conference Chairs and Meeting Moderators:**

**Marcella Laganà, PhD.** Full researcher of the MRI laboratory, CADiTeR, IRCCS Fondazione Don Carlo Gnocchi ONLUS, Milan, Italy; Adjunct Professor, University of Milan, Milan, Italy. Founding member of the National Bioengineering Group. Executive ISNVD board member.

**Erica Menegatti, PhD.** Assistant Professor at Vascular Disease Center University of Ferrara, Italy. Executive ISNVD board member

### **Panelists (in addition to the speakers and moderators):**

**Mario Clerici, MD, PhD.** Head of Department of Physiopathology and Transplants, Full Professor in Immunology, University of Milan, Italy; Head of Department of Molecular Medicine, Head of MRI laboratory, Scientific Director, Don Carlo Gnocchi Foundation, Milan, Italy.

**E. Mark Haacke, PhD.** Professor of Radiology, Wayne State University, Vice-Chairman, Biomedical Engineering in the School of Medicine. Detroit, MI, USA.

**Alireza Radmanesh, MD.** Assistant Professor of Radiology, Director of Pediatric Neuroradiology, NYU Grossman School of Medicine. New York, NY, USA.

**Fabrizio Salvi, MD, PhD.** Neurologist, Institute of the Neurological Science, Bellaria Hospital. Bologna, Italy.

**Meiyun Wang, MD, PhD.** Professor and Chair of the Medical Imaging Center of Henan Province and Chair of the Department of Radiology of Henan Provincial People's Hospital. Zhengzhou, China.

**Robert Zivadinov, MD, PhD.** Professor of Neurology; Director, Buffalo Neuroimaging Analysis Center Buffalo. Buffalo, NY, USA.