





# Autoimmune Neurology

of the Central and Peripheral Nervous System Conference

**zoon** 

**Zoom** Online Session

November 12-13, 2021



Friday (2:00 pm - 10:00 pm)

Saturday (9:00 am - 4:00 pm)

Registration Fee: 300 SR

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#### **Introduction:**

Autoimmune neurology is a rapidly developing specialty driven by an increasing recognition of autoimmunity as the cause for a broad set of neurologic disorders and ongoing discovery of new neural autoantibodies associated with recognizable clinical syndromes. There is diversity of clinical presentations, unique pathophysiology, and the complexity of available treatments.

## **Learning Objectives:**

In this Course we are aiming to review most of the Autoimmune diseases of both the central and peripheral nervous system. By the end of the 2 days the attendees would be able to:

- Recognize the clinical presentation of different autoimmune diseases of both the central and peripheral nervous systems.
- Have a clear idea of the different antibodies associated with different diseases (Differentiate antibodies associated with different diseases).
- Approach to the treatment of different autoimmune diseases that affect the neural axis.
- Review the pathophysiology of immune diseases.
- Recognize how autoimmune disease can affect the visual system.
- Identify findings in brain and spine imaging with different autoimmune disease

## Topics to be discussed:

- Neuroimmunology of CNS demyelinating disorders
- Detection methods for neural autoantibodies
- Checkpoint inhibitors and neuroinflammation
- The small foot: Questioning the stones of neurodegeneration
- Diagnostic Criteria for MS
- Primary progressive MS (Diagnosis and management)
- Is it secondary progressive MS?
- Disease-Modifying treatment, how to choose?
- B Cell Targeted Therapy in MS
- NMO spectrum disorder what's new?
- MS/NMO and pregnancy
- Paraneoplastic autoimmune neurologic disorders: an approach to diagnosis and treatment
- Autoimmune encephalitis: diagnosis and management
- Acute disseminated encephalomyelitis
- CNS vasculitis primary Vs secondary
- Immuno-ophthalmology: an integral aspect of neuroimmunology
- Approach to the diagnosis and management of transverse myelitis
- Imaging in Autoimmune Neurology
- Paraneoplastic peripheral neuropathies
- Updates in Guillain Barrie syndrome and its variants
- Chronic inflammatory demyelinating polyneuropathy (diagnosis and management)
- Nodo-Paranodopathies of peripheral nerve
- Immune-mediated axonal neuropathies
- Immune-mediated plexopathies approach and management
- Autoantibodies in inflammatory myopathies
- Immune-mediated necrotizing myopathy
- Autoantibodies in Myasthenia gravis
- Guideline in the management of Myasthenia Gravis (Refractory MG)

#### **Course Director**



Dr. Areej Bushnag

Consultant Neurologist Neuromuscular and IOM King Faisal Specialist Hospital & Research Center

## **Invited Speakers**

#### Dr. Abdulrahman Saleh Ali

**Chairman**, Adult Neurology King Fahad Medical City

#### Dr. Ahmad Rida Abuzinadah

**Consultant**, Neurology King Abdulaziz University

#### Dr. Alaa Ahmed Alotaibi

**Consultant**, Neurology and Multiple Sclerosis King Abdullah Bin Abdulaziz University Hospital

#### Dr. Ali Mohammed Alshehri

Assistant Professor Neurology & Neuromuscular, Head of Neurology King Faisal Specialist Hospital & Research Center, Riyadh President of Saudi Arabia Neuromuscular Medicine & Electrodiagnostic Chapter (SANEM)

## Dr. Ashraf A. Alharthi

Consultant, Neurology King Abdulaziz Medical City Assistant Professor King Saud bin Abdul-Aziz University for Health Sciences

#### Dr. Ebtesam S. Alshehri

Associate Consultant, Neuroscience Department King Faisal Specialist Hospital and Research Center Jeddah, Saudi Arabia

# **Dr. Edward James Cupler**

Deputy Executive Director Research Center
Head Section, Neurology Director, Neurology
Residency Training Program
Consultant, Neurology, Neuroimmunology,
Neuromuscular Disorders and Sports Neurology
King Faisal Specialist Hospital and Research Center
Jeddah, Saudi Arabia

## **Invited Speakers**

#### Dr. Eman Nassim Ali

Consultant, Adult Neurologist Specialist, Multiple Sclerosis and Neuro-Immunology King Fahad Specialist Hospital, Dammam

#### Dr. Faisal AL Thekair

Assistant Professor & Consultant, Neurology KSAU-HS

#### Dr. Fawzi A. Babtain

Consultant, Neurologist, and Epileptologist Department of Neurosciences Neurology Division King Faisal Specialist Hospital and Research Centre

#### Dr. Hana M. Kadah

Head, Medical Departments/ Consultant Neurologist Hera General Hospital Head, Neuroscience MOH Committee Makah Region

# Dr. Hind Alnajashi

Head, Neurology Division Consultant, Neurology and Multiple sclerosis King Abdulaziz university hospital Consultant, Neurology International Medical Center

#### Dr Iftetah Ali A Alhomoud

Consultant, Clinical Neurophysiology Section King Faisal Specialist Hospital and Research Center

## Dr. Jamil Al-Mughales

Consultant, Diagnostic Immunologist Associate Professor, Medical Immunology Head of the clinical Immunology Services, Faculty of Medicine, King Abdulaziz University Hospital

## Dr. Jameelah A. Saeedi

Associate Clinical Professor & Consultant Adult Neurologist & Neuroimmunology King Abdullah Bin Abdulaziz University Hospital

## Dr. Majed Mohammad N Alabdali

Assistant Medical Director Neurology Residency Program Director Neurology Consultant King Fahd Hospital of the University

## Dr. Mohamed Alangari

Neuromuscular Epilepsy & Electromyography KSAU-HS

## Dr. Mohammad S. Alrajeh

Consultant, Neurologist& Epileptologist Specialist, Neuromuscular Medicine Dr. Sulaiman Alhabib Medical Centers

#### Dr. Mohammed M. AL Shahrani

Consultant, Neurology Prince Mohammed bin Abdul-Aziz hospital

## **Invited Speakers**

## Dr. Mohammed H. Alanazy

Associate Professor, Neurology Consultant, Neurology, and Neuromuscular King Saud University Medical City

## Dr. Omar A. Ayoub

Associate Professor, Neurology, Stroke & Neurocritical Care King Abdulaziz University

# Dr. Raed Roghani

Consultant, Neurologist Director, MS Clinic Amiri & Ibn Sina Hospitals

#### Dr. Reem Ahmed Abbas Adas

Consultant, Neuroradiologist The Department of Medical Imaging King Abdulaziz Medical City

## Dr. Roaa Abduljalil Khallaf

Chairperson, Clinical Neurophysiology Consultant, Neurologist, Behavioral Neurology and Neurophysiology in Movement Disorders Deputy Residency Training Program Director King Fahad Specialist Hospital, Dammam

## Dr. Saeed A. Alghamdi

Consultant, Neurologist King Abdulaziz Medical City

# Dr. Seraj Omar Makkawi

Assistant Dean of Clinical Affairs College of Medicine KSAU-HS

#### Dr. Yaser Mohammad Al Malik

Assistant Professor, Neurology Assistant Dean, Clinical affairs Chief Coordinator, Neurosciences Block College of Medicine, KSAU-HS Consultant, Neurologist & Clinical Neurophysiologist, Neurology Division, Department of Medicine King Abdulaziz Medical City

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#### Ms. Ruba Beik

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