

## SCIENTIFIC PROGRAM

### NATIONAL CONFERENCE

### "MODERN TECHNOLOGIES IN NEUROVASCULAR PATHOLOGY"

Iasi, DECEMBER 10-12, 2020

18 EMC CREDITS - CMR

#### PARTNERS:

- ❖ Emergency Clinical Hospital "Prof. Dr. N. Oblu" Iași
- ❖ Romanian Society of Neuroradiology and Interventional Radiology
- ❖ Romanian Society of Neurology
- ❖ Romanian Society of Neurosurgery
- ❖ Romanian Society of Ophthalmology
- ❖ Romanian Association of Dento Maxillofacial Radiology
- ❖ Academy of Medical Sciences
- ❖ Romanian Academy
- ❖ University of Medicine and Pharmacy „Gr. T. Popa” Iași
- ❖ Iași County Council
- ❖ Iași City Hall
- ❖ The National Athenaeum in Iași
- ❖ Romanian College of Physicians

#### LOCATIONS:

- ❖ ONLINE (ZOOM & YOUTUBE)

#### INVITED FOREIGN SPEAKERS:

- Prof. Saleem I. ABDULRAUF M.D., PhD. - Department of Neurological Surgery, Saint Louis University, Director | Saint Louis University Center for Cerebrovascular and Skull Base Surgery, Neurosurgeon-in-Chief, Saint Louis University Hospital
- Prof. Mario TEO M.D., PhD. - Consultant Neurosurgeon and Honorary Senior Clinical Lecturer at Bristol Institute of Clinical Neuroscience, North Bristol University Hospital
- Prof. Serdar GEYIK M.D., PhD. - Professor of interventional neuroradiology, Istanbul, Turkey
- Georges RODESCH MD PhD - Head, Department of Diagnostic and Therapeutic Neuroradiology, Former President (2013-2015) and Honorary Member of the World Federation of Interventional and Therapeutic Neuroradiology (WFITN), Constitutive Reference Center for Vascular Neurological and Cranio-facial Anomalies, FAVA-Multi Network
- Michel PIOTIN M.D., PhD., Head of Interventional Neuroradiology at the Adolphe de Rothschild Foundation
- Sorin ALDEA M.D., PhD., Neurosurgery Adolphe de Rothschild Foundation
- Cosmin ALECU M.D., PhD. - Department of Neurology, Center D Center Hospitalier Sud Francilien
- Cristian MIHALEA M.D., PhD. - interventional radiologist at Bicetre University Hospital, France as well as at Timisoara University Hospital, Romania.

#### ROMANIAN INVITED SPEAKERS:

- Assoc. Prof. Cristina TIU M.D., PhD. - Future President - elect of the Romanian Society of Neurology, Coordinator of the Priority Action of the Romanian Ministry of Health for acute stroke management
- Prof. Ștefan Ioan FLORIAN M.D., PhD. - Vice President at large of the World Federation of Neurosurgical Societies (WFNS)
- Assoc. Prof. Horia PLEȘ M.D., PhD. - President of the Romanian Society of Neurosurgery
- Prof. Viorel SCRIPCARIU M.D., PhD. - Rector of the University of Medicine and Pharmacy "Gr. T. Popa "
- Prof. Maricel AGOP M.D., PhD. - Corresponding Member of the Romanian Academy of Scientists
- Florina ANTOCHI M.D., PhD. - Principal Scientific Researcher grade II - Neurology Clinic, Bucharest University Emergency Hospital
- Lucian MĂRGINEAN M.D., PhD. - Coordinator of the Interventional Radiology Department, Târgu Mureș County Emergency Clinical Hospital
- Dr. Rareș Cristian FILEP - Interventional Radiology Clinic within the Emergency County Clinical Hospital (SCJU) Tîrgu Mureș
- Dr. Fiz. Vlad GHIZDOVĂȚ - Head of PhD at the University of Medicine and Pharmacy "Grigore T. Popa" Iasi, Faculty of Medicine, Biophysical and Medical Physics, Expert in radiological protection accredited by the National Commission for the Control of Nuclear Activities.

## SPEAKERS:

- Prof. Leon DĂNĂILĂ MD, PhD - Full member of the Romanian Academy
- Researcher Scientific Degree I Călin Gheorghe BUZEA MD - Emergency Clinical Hospital “Prof. Dr. N. Oblu”, Iași
- Assoc. Prof. Tudor CIUHODARU M.D., PhD. - Member of the European Parliament, Member of ENVI - Committee on the Environment, Public Health and Food Safety of the European Parliament; Member of LIBE - Committee on Civil Liberties, Justice and Home Affairs of the European Parliament
- Prof. Liviu PENDEFUNDA M.D., PhD.- Primary Neurologist, Head of Neurology Section II - Emergency Clinical Hospital “Prof. Dr. N. Oblu ”, Iași
- Assoc. Prof. Dan CUCIUREANU M.D., PhD.- Primary Physician Neurology, Head of Neurology Department I - Emergency Clinical Hospital “Prof. Dr. N. Oblu ”, Iași
- Prof. Dănuț COSTIN M.D., PhD. - Primary Ophthalmologist, Head of the Second Ophthalmology Department - Emergency Clinical Hospital “Prof. Dr. N. Oblu ”, Iași

#### PRESIDENT OF THE CONFERENCE:

- Lucian EVA M.D., PhD.

#### EXECUTIVE PRESIDENT OF THE CONFERENCE:

- Prof. Alexandru Vlad CIUREA M.D., PhD.

#### CHAIRS OF THE SCIENTIFIC COMMITTEE & CONFERENCE ORGANIZATION

- Nicolae DOBRIN M.D., PhD.
- Eng. Sebastian DRĂGHICI

#### CONFERENCE HONORARY PRESIDENTS

- Assoc. Prof. Horia PLEȘ M.D., PhD.
- Assoc. Prof. Mircea FILIP M.D., PhD.
- Prof. Bogdan O. POPESCU M.D., PhD.
- Prof. Gheorghe IANA M.D., PhD.

#### COORDONATORI PROGRAM CONFERINȚĂ:

- Prof. Danisia HABA M.D., PhD.
- Prof. D. COSTIN M.D., PhD.

#### SECRETARI COMITET ȘTIINȚIFIC & ORGANIZARE CONFERINȚĂ:

- Prof. Nicolae IANOVICI M.D., PhD.
- Prof. Anca SAVA M.D., Ph.D.
- Assoc. Prof. Dan Iulian CUCIUREANU M.D., Ph.D.
- Asist. Bogdan COSTĂCHESCU M.D., PhD.
- Cezar POPESCU M.D., PhD.
- Asist. Marius DABIJA M.D., PhD.
- Asist. Bogdan Ionut DOBROVĂȚ M.D., PhD.
- Bioeng. Alexandru CHIRIAC M.D.
- Bioeng. Vlad DAFINESCU
- Bioeng. George CIOBANU
- Bioeng. Matei MORUZ

# Thursday, December 10, 2020

Thursday, December 10, 2020

Location: Online (Zoom & Youtube)

## ONLINE WORKING SESSIONS

### 12:00–14:30 PRESENTATIONS, WORKS, ONLINE WORK SESSIONS

CHAIRMEN: Lucian EVA, Alexandru Vlad CIUREA, Nicolaie DOBRIN, Sebastian DRĂGHICI

### 12:00–12:30 WELCOME - OFFICIALS

Costel ALEXE - President of the Iasi County Council, Mihai CHIRICA - Mayor of Iasi, Lucian EVA & Nicolaie DOBRIN

### 12:30–13:00 HYDRODYNAMIC INSTABILITIES IN COMPLEX FLUIDS WITH APPLICATIONS IN NEUROVASCULAR PATHOLOGY

Lucian EVA, Dan SCURTU, Vlad GHIZDOVĂȚ, Maricel AGOP

### 13:00–13:30 APPLICATIONS OF ARTIFICIAL INTELLIGENCE IN NEUROSCIENCES

Călin Gheorghe BUZEA

### 13:30–14:00 KEY ELEMENTS IN THE VASCULARIZATION OF THE SPINAL CORD

Anca SAVA

### 14:00–14:30 MRI IN CEREBROVASCULAR MALFORMATIONS WITHOUT ATERIOVENOUS SHUNTS

Danisia HABA, Mihai FLOREA, Ilaria TRIFAS, Andrei ARGHIRESCU, Cornelia TUDORACHE, Raluca HABA, Gabriela DUMITRESCU, Diana HODOROG, Roxana POPESCU, Nicolae DOBRIN

14:30 – 15:00 BREAK

15:00–17:00 PRESENTATIONS, WORKS, ONLINE WORK SESSIONS

CHAIRMEN: Nicolaie DOBRIN, Georges RODESCH, Sebastian DRĂGHICI

15:00–15:30 NEURORADIOLOGIE INTERVENTIONNELLE: RADIOLOGIE OU NEUROSCIENCES?

Georges RODESCH

15:30–16:00 DIRECT CAROTIDO-CAVERNOUS FISTULA - ENDOVASCULAR TREATMENT - SUUB NEUROLOGY CLINIC  
EXPERIENCE

Florina ANTOCHI

16:00–16:30 MALFORMATIONS ARTÉRIOVEINEUSES MÉDULLAIRES: DE LA MICRO ANATOMIE AU TRAITEMENT  
ENDOVASCULAIRE

Georges RODESCH

16:30–17:00 BRAIN AVMs AND PREGNACY - CLINICAL AND IMAGISTICAL ASPECTS

Nicolaie DOBRIN, Alexandru CHIRIAC, Răducu DINU, Dana TURLIUC

17:00 – 17:30 BREAK

17:30–19:30 PRESENTATIONS, WORKS, ONLINE WORK SESSIONS

CHAIRMEN: Alexandru Vlad CIUREA, Nicolaie DOBRIN, Sebastian DRĂGHICI

17:30–18:00 NEW FRONTIERS IN INTRACRANIAL ANEURYSM MANAGEMENT (Where is Aneurysm vascular  
neurosurgery headed? – clipping vs coilling) – ORAL PRESENTATION

Alexandru Vlad CIUREA, Horia PLEȘ, C. MIHALEA, A. CHEFNEUX, R. ONCIUL

18:00–18:30 AWAKE SURGERY FOR ANEURYSMS AND VASCULAR MALFORMATIONS

Saleem I. ABDULRAUF

18:30–19:00 PREDICTIVE OUTCOME FACTORS (OPEN MICRO SURGERY) IN INTRACRANIAL ANEURYSMS (IA). AN  
EXPERIENCE OF 701 CASES – ORAL PRESENTATION

Alexandru Vlad CIUREA, Horia PLEȘ, Aurel MOHAN, David GEORGE, Andrei VOICU, Andrei Alexandru  
MARINESCU

**19:00–19:30 CLINICAL AND IMAGING EVALUATION OF THE RELATIONSHIP BETWEEN THE NUCLEUS CORE AND THE ISCHEMIA AREA: IMPLICATIONS IN THE DECISION TO CARRY OUT THROMBOLISM**

**Cosmin ALECU**

**19:30 CONCLUSIONS AND DISCUSSIONS FIRST DAY OF THE CONFERENCE.**



Friday, December 11, 2020

Friday, December 11, 2020

Location: Online (Zoom & Youtube)

## ONLINE WORKING SESSIONS

12:00–14:00 PRESENTATIONS, WORKS, ONLINE WORK SESSIONS

CHAIRMEN: Lucian EVA, Nicolaie DOBRIN, Danisia HABA, Sebastian DRĂGHICI

12:00–12:30 3D PRINTING IN NEUROVASCULAR PATHOLOGY – CHANGING THE GAME

Emilia Adriana MARCIUC, Bogdan Ionuț DOBROVĂȚ, Roxana Mihaela POPESCU, Daniel MARCIUC,  
Dana Mihaela TURLIUC, Danisia HABA

12:30–12:50 PADMAL - DIAGNOSTIC AND THERAPEUTIC CHALLENGES

Raluca Andreea IGNAT, Diana HALIȚ, Ion ROTARU, Liviu PENDEFUNDA

12:50–13:10 RARE MANIFESTATIONS ASSOCIATED WITH STROKE - "FOREIGN HAND" SYNDROME. CASE PRESENTATION

Alexandra CHIRIAC, C. LUCHIAN, D. NACONECINII, L. BOLOHAN, D.I. CUCIUREANU

13:10–13:30 THROMBOLYTIC THERAPY IN ACUTE ISCHEMIC stroke - EXPERIENCE OF THE EMERGENCY CLINICAL HOSPITAL DR. N. OBU IAȘI

Diana HODOROG, Dan Iulian CUCIUREANU

13:30–14:00 TROPONIN - BIOMARKER USEFUL IN THE ACUTE PHASE OF stroke

Victor CONSTANTINESCU, Dan Iulian CUCIUREANU

14:00 – 14:30 BREAK

**14:30–16:30 PRESENTATIONS, WORKS, ONLINE WORK SESSIONS**

**CHAIRMEN:** Alexandru Vlad CIUREA, Nicolaie DOBRIN, Georges RODESCH

**14:30–15:00 THE MULTIMODAL TREATMENT OF INTRACRANIAL AVM'S - MICROSURGERY, EMBOLIZATION AND GKS – QUALITY OF LIFE AND GLOBAL OUTCOME. AN EXPERIENCE OF 244 CONSECUTIVELY CASES – ORAL PRESENTATION**

Alexandru Vlad CIUREA, Horia PLEȘ, Aurel MOHAN, Ferry STOICA, Georgeta POPA, A. CHEFNEUX

**15:00–16:00 FALL AND RISE OF CEREBROVASCULAR NEUROSURGERY**

Mario TEO

**16:00–16:30 UTILISATION DE LA COLLE ACRYLIQUE EN NEURORADIOLOGIE INTERVENTIONNELLE: INDICATIONS, UTILISATION, TRAITEMENTS ET RÉSULTATS**

Georges RODESCH

**16:30 – 17:00 BREAK**

**17:00–19:00 PRESENTATIONS, WORKS, ONLINE WORK SESSIONS**

**CHAIRMEN:** Nicolaie DOBRIN, Georges RODESCH, Sebastian DRĂGHICI

**17:00–17:30 TREATMENT OF COMPLEX HEMORRHAGIC CASES**

Serdar GEYIK

**17:30–18:00 COMPLICATIONS IN AVMS SURGERY**

Ștefan Ioan FLORIAN

**18:00–18:30 MALFORMATIONS ARTÉRIOVEINEUSES CÉRÉBRALES: TRAITEMENT ENDOVASCULAIRE ET ORIENTATIONS FUTURES**

Georges RODESCH

**18:30–19:00 DIFFICULTIES AND STRATEGIES IN THE ENDOVASCULAR TREATMENT OF CEREBRAL ANEURYSMS**

Nicolaie DOBRIN, Alexandru CHIRIAC, Georgiana ION, Raducu DINU, Lucian EVA

**19:00 – 19:15 CONCLUSIONS AND DISCUSSIONS OF THE SECOND DAY OF THE CONFERENCE.**

# Saturday, December 12, 2020

Saturday, December 12, 2020

Location: Online (Zoom & Youtube)

## ONLINE WORKING SESSIONS

10:00–12:00 PRESENTATIONS, WORKS, ONLINE WORK SESSIONS

CHAIRMEN: Nicolaie DOBRIN, Stefan FLORIAN, Marius DABIJA

10:00–10:30 NOVEL FRONTIERS OF ADVANCED IMAGING IN NEUROVASCULAR DISEASE

Bogdan Ionuț DOBROVĂȚ, Emilia Adriana MARCIUC, Roxana Mihaela POPESCU, Alexandru CHIRIAC,  
Nicolaie DOBRIN, Lucian EVA, Danisia HABA

10:30–11:00 DECISION MAKEING IN UNRUPTURED ANEURYSMS

Ștefan Ioan FLORIAN

11:00–11:30 MRI IN CEREBRAL MICROHEMORAGIES

Dania HABA, Ilaria TRIFAȘ, Alexandra GHERMAN, Ștefania HILOHI, Ana Cristina ISTRATE, Raluca  
HABA, Cristina BĂLUȚ, Diana HALIȚ, Bogdan DOBROVĂȚ, Lucian EVA

11:30–12:00 COH-FIT: A GLOBAL STUDY ON THE IMPACT OF COVID-19 ON MENTAL, PHYSICAL HEALTH AND  
FUNCTIONING

Marco SOLMI

12:00 – 12:30 BREAK

12:30–14:30 PRESENTATIONS, WORKS, ONLINE WORK SESSIONS

CHAIRMEN: Nicolaie DOBRIN, Marius DABIJA, Dan CUCIUREANU

12:30–13:00 BRAIN VASCULAR PROBLEMS – MICROVASCULAR, ENDOVASCULAR, NEW FRONTIERS

Lucian EVA, Nicolaie DOBRIN, Marius DABIJA, Alexandru CHIRIAC, Cristophe SANTINI

13:00–13:30 DEVELOPMENT OF INTEGRATED NETWORKS OF CEREBRAL VASCULAR ACCIDENTS UNITS WITH A PERSPECTIVE ON THE IMPLEMENTATION OF THE EUROPEAN ACCESS ACTION PLAN 2018-2030

Cristina TIU, Elena Terecoasă, Ovidiu Alexandru BĂJENARU

13:30–14:00 PIPELINE FLEX WITH SHIELD TECHNOLOGY - CHALLENGING SIZING CASES /  
EXPERIENCE OF DR. LUCIAN MĂRGINEAN

Lucian MĂRGINEAN

14:00–14:30 DIAGNOSTIC AND PROGNOSTIC COMPUTED TOMOGRAPHY IMAGING MARKERS IN BASILAR ARTERY  
OCCLUSION

Rareș FILEP

14:30 – 15:30 BREAK

15:30–17:30 PRESENTATIONS, WORKS, ONLINE WORK SESSIONS

CHAIRMEN: Nicolaie DOBRIN, Sorin ALDEA, Michel PIOTIN

15:30–16:00 ENDOVASCULAR MANAGEMENT OF LARGE CEREBRAL AVM (SM 4 & 5)

Michel PIOTIN

16:00–16:30 SURGICAL TREATMENT FOR VERY LARGE AND GIANT ANEURYSMS

Sorin ALDEA

16:30–17:00 "SIMULATION SOFTWARE "SIM&SIZE" FOR ALGORITHM DECISION IN CEREBRAL ANEURISM  
EMBOLISATION"

Cristian MIHALEA

17:00–17:30 DIAGNOSTIC ET PRISE EN CHARGE D'UN AVC ISCHÉMIQUE: DU SYMPTÔME À LA THROMBECTOMIE

Cristophe SANTINI

17:30 – 18:00 OFFICIAL CLOSING CONFERENCE.