



In partnership with



UNIVERSITY OF MEDICINE AND PHARMACY
TÎRGU MUREȘ



County Clinical Emergency Hospital
Tîrgu Mureș



cardiomed cardiologie
imagistica
Cardiomed Medical Center

CARDIO NET 2018

July 4-7

A Joint Meeting of the Romanian and Hungarian Societies of Cardiology

Congress Presidents:

Prof. Dr. Imre Benedek

President of the Organizing Committee

Prof. Dr. Béla Merkely

Vice President of the European Society of Cardiology

Prof. Dr. Dragoș Vinereanu

President of the Romanian Society of Cardiology

Scientific Programme Co-Chairs:

Prof. Dr. Theodora Benedek

President, Mureș branch of the Romanian Society of Cardiology

Prof. Dr. Kálmán Tóth

President of the Hungarian Society of Cardiology

Location:

Amphitheater I
County Clinical Emergency Hospital
Tîrgu Mureș



www.cardionetwork.ro

Scientific Committee

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President of the Hungarian Society of Cardiology

Faculty

Cătălina Arsenescu Georgescu (Iasi, Romania)

Daniela Bartoș (Bucharest, Romania)

Carmen Beladan (Bucharest, Romania)

Lucian Calmac (Bucharest, Romania)

Christos Chatziantoniou (Paris, France)

Monica Chițu (Tîrgu Mureș, Romania)

Mircea Cintează (Bucharest, Romania)

Dan Dobreanu (Tîrgu Mureș, Romania)

Tamás Forster (Szeged, Hungary)

Róbert Gábor Kiss (Budapest, Hungary)

László Gellér (Budapest, Hungary)

Mariann Gyöngyösi (Vienna, Austria)

Adrian Iancu (Cluj Napoca, Romania)

Andre Keren (Tel Aviv, Israel)

István Kovács (Tîrgu Mureș, Romania)

Pál Maurovich-Horvat (Budapest, Hungary)

Levente Molnár (Budapest, Hungary)

Ștefan Moț (Cluj Napoca, Romania)

Adrian Mureșan (Tîrgu Mureș, Romania)

Gianluca Pontone (Milan, Italy)

Călin Pop (Baia Mare, Romania)

Marin Postu (Bucharest, Romania)

Zoltán Ruzsa (Budapest, Hungary)

László Sággy (Budapest, Hungary)

Tamás Szili-Török (Rotterdam, The Netherlands)

Cristian Udriou (Bucharest, Romania)

Imre Ungi (Szeged, Hungary)

July 4, 2018
PRE-CONGRESS MEETING
Interdisciplinarity in Cardiology

July 5-6, 2018
CardioNET
**A Joint Meeting of the Romanian and Hungarian
Societies of Cardiology**

July 7, 2018
POST-CONGRESS MEETING
New European Guidelines in Cardiology

FOCUS MEETINGS
Young Investigators - Clinical Study Designs
PlaqueImage
The Year in Cardiology Journals - JCE



PRE-CONGRESS MEETING

Interdisciplinaritate în Cardiologie / Interdisciplinarity in Cardiology

Miercuri, 4 iulie / Wednesday, July 4

Amphitheater 1

County Clinical Emergency Hospital Tîrgu Mureş

09:00 – Deschidere secţiunea de interdisciplinaritate / Opening interdisciplinary section

09:10 – 11:00

**La graniţa dintre cardiologie şi alte discipline (I)
At the border between cardiology and other disciplines (I)**

Chairpersons: Daniela Dobru (*Tîrgu Mureş, Romania*), Monica Monea (*Tîrgu Mureş, Romania*),
Ioan Ţilea (*Tîrgu Mureş, Romania*)

CARDIOLOGIE / PEDIATRIE – CARDIOLOGY / PEDIATRICS

Conferinţă - Conference

09:10 – 09:30 - **Rodica Togănel** (*Tîrgu Mureş, Romania*) – Hipertensiunea arterială pulmonară în patologia pediatrică / Pulmonary arterial hypertension in children

Studii interdisciplinare – Interdisciplinary original research of the Cardio Team

09:30 – 09:40 - **Carmen Şuteu** (*Tîrgu Mureş, Romania*) – Markeri noninvazivi cu valoare prognostică în hipertensiunea arterială pulmonară pediatrică – Studiu clinic / Non-invasive prognostic markers for pulmonary arterial hypertension in children - A clinical study

CARDIOLOGIE / MEDICINĂ DENTARĂ - CARDIOLOGY / DENTAL MEDICINE

Conferinţă - Conference

09:40 – 10:00 - **Luminiţa Lazăr** (*Tîrgu Mureş, Romania*) – Evaluarea statusului parodontal la pacienţii cu sindrom coronarian acut / Assessment of periodontal status in acute coronary syndrome patients

Studii interdisciplinare – Interdisciplinary original research of the Cardio Team

10:00 – 10:10 - **Ioana Rodean** (*Tîrgu Mureş, Romania*) – **ATHERODENT trial / Trialul ATHERODENT**

10:10 – 10:30 – **Dezbateri Expert Panel: ATHERODENT – Rezultate intermediare şi perspective / Expert Panel Debate: ATHERODENT – Intermediary results and perspectives**

Participanţi / Participants:

Mariana Păcurar, Krisztina Mártha, Lia Yero, Manuela Chibelea, Adrian Man, Bianca Tudor, Imre Benedek, Theodora Benedek, Monica Chiţu, Mihaela Raţiu (*UMF Tîrgu Mureş, Romania*)

GASTROENTEROLOGIA ŞI BOLILE CARDIOVASCULARE – GASTROENTEROLOGY AND CARDIOVASCULAR DISEASES

Conferinţă - Conference

10:30 – 10:50 – **Simona Băţaga** (*Tîrgu Mureş, Romania*) – Tratamentul antiagregant din perspectiva gastroenterologului / Antiplatelet therapy from the perspective of the gastroenterologist

Studii interdisciplinare – Interdisciplinary original research of the Cardio Team

10:50 – 11:00 – **Anca Negovan** (*Tîrgu Mureş, Romania*) – Leziuni gastroduodenale la pacienţii aflaţi sub tratament antiagregant – studiu clinic / Gastroduodenal lesions in patients with dual antiplatelet therapy – a clinical study

11:00 – 11:20 – *Pauză de cafea - Coffee break*

11:20 – 12:50

Conferinţe interdisciplinare – Interdisciplinary conferences

Chairpersons: **Marius Coroş** (*Tîrgu Mureş, Romania*), **Cristian Podoleanu** (*Tîrgu Mureş, Romania*),
Anca Sin (*Tîrgu Mureş, Romania*)

11:20 – 11:35 – **Călin Chibelea** (*Tîrgu Mureş, Romania*) – Impactul medicaţiei antimuscarinice la pacienţii vârstnici cu vezică hiperactivă / Impact of antimuscarinic therapy in elderly patients with hyperactive urinary bladder

11:35 – 11:50 – **Ionela Paşcanu, Ancuţa Zahan** (*Tîrgu Mureş, Romania*) – Disfuncţiile tiroidiene induse de amiodaronă - de la ghiduri la practica clinică / Amiodarone-induced thyroid dysfunctions – from guidelines to clinical practice

11:50 – 12:05 – **Ovidiu Cotoi** (*Tîrgu Mureş, Romania*) – Profilul imunohistochimic al bolilor cardiovasculare - aplicaţii în diagnostic şi cercetare / The immunohistochemical profile of patients with cardiovascular disease – applications in clinical diagnosis and medical research

12:05 – 12:20 – **Călin Molnar** (*Tîrgu Mureş, Romania*) – Tratamentul modern al insuficienţei venoase cronice / The modern treatment of chronic venous insufficiency

12:20 – 12:35 – **Zsuzsanna Szász** (*Tîrgu Mureş, Romania*) – Morbilităţi cardiovasculare în context toxic profesional / Cardiovascular morbidities in occupational medicine

12:35 – 12:50 – **Carmen Biriş** (*Tîrgu Mureş, Romania*) – Boala parodontală şi inflamaţia în sindroamele coronariene acute / Periodontal disease and inflammation in acute coronary syndromes

12:50 – 13:00 – *Pauză de cafea - Coffee break*

13:00 – 14:00

Masă rotundă - Round table

SĂNĂTATE PUBLICĂ ÎN CARDIOLOGIE - PUBLIC HEALTH IN CARDIOLOGY

Conferinţe - Conferences

13:00 – 13:15 – **Theodora Benedek** (*Tîrgu Mureş, Romania*) – Cost-eficienţă în cardiologie - Modele europene şi transatlantice / Cost-effectiveness in cardiology – European and transatlantic models

Studii interdisciplinare – Interdisciplinary original research of the Cardio Team

13:15 – 13:30 – **Roxana Hodas** (*Tîrgu Mureş, Romania*) – Angio CT versus angiografie invazivă pentru diagnosticul bolii coronariene – un studiu de cost-eficienţă comparând două sisteme: public versus privat/CT coronary angiography versus invasive angiography in diagnosis of coronary artery disease – a cost-effectiveness study between the public and private medical system

13:35 – 14:00 – **Dezbatere Expert Panel: Cost-eficienţa în sistemul sanitar românesc / Expert Panel Debate: Cost-effectiveness in the Romanian medical system**

Participants / Participanţi:

Rodica Biro, Ovidiu Gîrbovan, Septimiu Voidăzan, Claudiu Puia, Florin Crăciun (*Tîrgu Mureş, Romania*)

14:00 – 15:45

La granița dintre cardiologie și alte discipline (II)
At the border between cardiology and other disciplines (II)

Chairpersons: Dan Gaiță (Timișoara, Romania), Christos Chatziantoniou (Paris, France),

AFECTAREA RENALĂ ȘI BOALA CARDIOVASCULARĂ – NEPHROLOGY AND CARDIOVASCULAR DISEASE

Conferință State of the Art – State of the Art Conference

14:00 – 14:20 – **Christos Chatziantoniou** (*Paris, France*) - Progresia și regresia fibrozei renale: abordări terapeutice noi / Progression and reversal of renal fibrosis: novel approaches for therapy

DIABETUL, NUTRIȚIA ȘI BOALA CARDIOVASCULARĂ – DIABETES, NUTRITION AND CARDIOVASCULAR DISEASE

Conferințe State of the Art – State of the Art Conferences

14:20 – 14:40 – **Dan Gaiță** (*Timișoara, Romania*) - Diabetul zaharat și reducerea riscului cardiovascular: spectacolul continuă! / Diabetes Mellitus & Cardiovascular Disease risk reduction: show must go on!

14:40 – 15:00 – **Delia Pintilei** (*Iași, Romania*) - Pacientul cu afectare cardiovasculară și malnutriție - o comorbiditate importantă subevaluată frecvent / The cardiovascular patient with associated malnutrition - an important comorbidity frequently underestimated

Studii interdisciplinare – Interdisciplinary original research of the Cardio Team

15:00 – 15:05 – **Victoria Rus** (*Țirgu Mureș, Romania*) – Malnutriția, inflamația sistemică și evoluția post-infarct miocardic acut / Malnutrition, systemic inflammation and evolution of patients following an acute myocardial infarction

15:05 – 15:10 – **Ioan Ferent** (*Țirgu Mureș, Romania*) – Rezultatele stentării pe vase mici la diabetici / Results of percutaneous coronary stent implantation in small vessels in diabetics

15:10 – 15:15 – **Diana Opincariu** (*Țirgu Mureș, Romania*) - Valoarea prognostică a țesutului adipos epicardic ca biomarker pentru un status inflamator crescut la pacienții cu diabet zaharat tip II și infarct miocardic acut / Prognostic value of epicardial fat thickness as a biomarker of increased inflammatory status in patients with type 2 diabetes mellitus and acute myocardial infarction

15:15 – 15:45 – **Dezbateri Expert Panel: Interrelația dintre diabet, nutritive, nefropatii și boala cardiovasculară / Expert Panel Debate: Interrelation between diabetes, nutrition and cardiovascular disease /**

Participants / Participanți: Simona Cernea, Mónika Szabó, Monica Tarcea, Carmen Căldărar, Mirela Gliga, Ioan Hosu (*UMF Țirgu Mureș, Romania*)

15:45 – 16:00 Pauză de cafea – Coffee break

16:00 – 17:00

Studii interdisciplinare într-o școală modernă de cardiologie
Interdisciplinary clinical study designs in a modern school of cardiology

Joint Meeting – Mureș Branch of the Romanian Society of Cardiology and UMF Tîrgu Mureș

Chairpersons: Imre Benedek (Tîrgu Mureș, Romania), Dan Gaiță (Timișoara, Romania),
Dragoș Vinereanu (Bucharest, Romania)

CONFERENCE STATE OF THE ART

Theodora Benedek (UMF Tîrgu Mureș, Romania) – A prospective monocentric clinical study for multiomic and imaging-based assessment of the vulnerable coronary plaques and associated risk in patients who presented an acute coronary syndrome – MULTIPLAQUE trial

YOUNG INVESTIGATORS

Ioana Rodean (UMF Tîrgu Mureș, Romania) – Periodontal disease, inflammation and atherosclerosis progression in patients with acute coronary syndromes – the **ATHERODENT** study

Ioan Ferent (UMF Tîrgu Mureș, Romania) – In-stent flow hemodynamics and the risk of stent failure following bioresorbable vascular scaffold implantation – the **STAFF** study

Roxana Hodas (UMF Tîrgu Mureș, Romania) – Cost-effectiveness of routine vs. provisional CT follow-up for MACE reduction after coronary stent implantation - the **CT-STENT** study

Diana Opincariu (UMF Tîrgu Mureș, Romania) – Systemic, pancoronary and local plaque vulnerability for image-based prediction of acute coronary syndromes – the **VIP** study

Mihaela Rațiu (UMF Tîrgu Mureș, Romania) – Computational assessment of plaque geometry in high-risk coronary lesions - the **GEOMETRY** study

Alexandra Stănescu (UMF Tîrgu Mureș, Romania) – New imaging-derived biomarkers based on three-dimensional CTA/MRI hybrid models for complex assessment of myocardial viability after myocardial infarction – the **HYBRIDHEART** study

Mirabela Morariu (UMF Tîrgu Mureș, Romania) – Inflammatory and MR-imaging-based biomarkers for assessment of ventricular remodelling and viability in the post-infarction period - the **VIABILITY** study

Szilamér Korodi (UMF Tîrgu Mureș, Romania) – Inflammatory and imaging-based predictors of atrial fibrillation recurrence after pulmonary vein isolation using electroanatomical mapping – the **INFLAMAP** study

Balázs Oltean-Péter (UMF Tîrgu Mureș, Romania) – Imaging-derived biomarkers associated with atrial fibrosis, structural remodelling and the risk of cardioembolic events in patients with atrial fibrillation – the **FIBROS** study

Annabella Benedek (UMF Tîrgu Mureș, Romania) – Imaging-based computer modelling for prediction of atheromatous plaque vulnerability based on intracoronary shear stress calculation - the **STRESS** study

Juriu: Simona Gurzu, Vladimir Bacărea, Cristian Podoleanu, Amalia Făgărășan, Adriana Mitre, Raluca Pop, Dana-Valentina Ghiga (UMF Tîrgu Mureș, Romania)

17:00 – 19:00

La granița dintre cardiologie și alte discipline (III)

At the border between cardiology and other disciplines (III)

Chairpersons: Ciprian Rezuș (*Iași, Romania*), Monica Chițu (*Tîrgu Mureș, Romania*)

MEDICINA INTERNĂ ȘI BOLILE CARDIOVASCULARE – INTERNAL MEDICINE AND CARDIOVASCULAR DISEASES

Conferință - Conference

17:00 – 17:15 – **Ciprian Rezuș** (*Iași, Romania*) – Acidul uric – noi ținte / Uric acid – new targets

Studii interdisciplinare – Interdisciplinary original research of the Cardio Team

17:15 – 17:20 – **András Mester** (*Tîrgu Mureș, Romania*) – Evaluarea funcției ventriculare drepte în sclerodermie / Evaluation of right ventricular function in sclerodermia

17:20 – 17:30 – **Dezbatere Expert Panel:** Afectarea cardiovasculară în boli de sistem / **Expert Panel**

Debate: Cardiovascular involvement of systemic collagen disorders

Participanți / Participants:

Mirela Pârvu, Erzsébet Lázár, István Benedek, Theodora Benedek (*UMF Tîrgu Mureș, Romania*)

CARDIOLOGIA ȘI MEDICINA SPORTIVĂ – CARDIOLOGY AND SPORTS MEDICINE

Conferință - Conference

17:30 – 17:45 – **Dana Bădău** (*Tîrgu Mureș, Romania*) – Corelația dintre hipertrofia cardiacă și efortul fizic / Correlation between cardiac hypertrophy and physical exertion

Studii interdisciplinare – Interdisciplinary original research of the Cardio Team

17:45 – 17:50 – **István Kovács** (*Tîrgu Mureș, Romania*) – Modificări cardiovasculare în sportul de performanță – un studiu pe un lot de 60 sportivi / Cardiovascular changes in sportspersons – a study on 60 athletes

ANGIOLOGIA ȘI BOALA CARDIOVASCULARĂ – ANGIOLOGY AND CARDIOVASCULAR DISEASES

Conferință - Conference

17:50 – 18:05 – **Elena Buzdugan** (*Cluj Napoca, Romania*) - Afectarea vasculară subclinică la pacienții cu neoplazie înaintea terapiei oncologice / Subclinical vascular injury in neoplastic patients before oncological therapy commencement

Studii interdisciplinare – Interdisciplinary original research of the Cardio Team

18:05 – 18:10 – **Emese Rápoli** (*Covasna, Romania*) – Scorul de calciu iliac și grosimea intimă-medie iliacă ca noi biomarkeri imagistici asociați cu încărcarea aterosclerotică globală – Un studiu Angio CT / Iliac calcium scoring and intima-media thickness as new imaging biomarkers associated with the global atherosclerotic burden – An angio-CT study

18:10 – 18:25 – **Dezbatere Expert Panel:** Evaluarea modernă a bolii arteriale obstructive periferice /

Expert Panel Debate: Modern evaluation of obstructive peripheral artery disease patients

Participanți / Participants:

Imre Benedek, Fülöp Eugen, Katalin Makó, Piroska Kelemen, Armina Vanghelie, Adrian Mureșan, Eliza Rusu (*UMF Tîrgu Mureș, Romania*)

CARDIOLOGIE / GINECOLOGIE – CARDIOLOGY / GYNECOLOGY

Conferință - Conference

- 18:25 – 18:40 – **Mihai Căpâlnă, Mihai Morariu, Iudita Badea** (*Țirgu Mureș, Romania*) – Profilaxia accidentelor tromboembolice în chirurgia oncologică ginecologică / Prophylactic measures for thromboembolic events in gynecological oncological surgery
- 18:40 – 18:55 - **Gabriela Caracostea** (*Cluj Napoca, Romania*) – Preeclampsia - o boală a endoteliului matern? / Preeclampsy – a disorder of the maternal endothelium?

Studii interdisciplinare – Interdisciplinary original research of the Cardio Team

- 18:55 – 19:00 – **András Mester** (*Țirgu Mureș, Romania*) – Factori asociați cu mortalitatea la un an la pacienții cu embolie pulmonară / Factors associated with one year mortality in patients with pulmonary embolism

20:00

Cină Cetatea Medievală/ Dinner Medieval Castle

CardioNet - A Joint Meeting of the Romanian and Hungarian Societies of Cardiology

Thursday, July 5

Amphitheater 1

County Clinical Emergency Hospital Tîrgu Mureş

08:30 – 09:00

Opening Ceremony

09:00 – 10:20

New Frontiers in Cardiology - State of the Art Lectures

Chairpersons: Dragoş Vinereanu (*Bucharest, Romania*), Béla Merkely (*Budapest, Hungary*),
Imre Benedek (*Tîrgu Mureş, Romania*)

Dragoş Vinereanu (*Bucharest, Romania*) - How results of large clinical trials on atrial fibrillation will be reflected into the guidelines: a glimpse into the future!

Pál Maurovich-Horvat (*Budapest, Hungary*) - Can CT help us to identify the vulnerable plaque and vulnerable patient?

Theodora Benedek (*Tîrgu Mureş, Romania*) – A modern perspective on acute cardiac care

Christos Chatziantoniou (*Paris, France*) - Notch3 - An unexpected mediator of blood pressure and cardiac function

Béla Merkely, László Gellér (*Budapest, Hungary*) – Cardiac Resynchronization Therapy - State of the Art

10:20 – 10:30

ePosters Young Investigators – (I)

Coffee break

10:30 – 12:00

New Trends in Cardiovascular Imaging

Chairpersons: Carmen Beladan (*Bucharest, Romania*), Pál Maurovich-Horvat (*Budapest, Hungary*),
Theodora Benedek (*Tîrgu Mureş, Romania*)

Panel: Imre Benedek (*Tîrgu Mureş, Romania*), Tamás Forster (*Szeged, Hungary*),
Lucian Calmac (*Bucharest, Romania*)

Carmen Beladan (*Bucharest, Romania*) – Speckle tracking technology in modern echocardiographic assessment

Tamás Forster (*Szeged, Hungary*) – Hypertrophy: a phenocopy of different diseases

Theodora Benedek (*Tîrgu Mureş, Romania*) – Epicardial fat - a new image-derived bio-marker in cardiovascular diseases

Lucian Calmac (*Bucharest, Romania*) – Multimodal imaging for MINOCA

Panel Discussions

12:00 – 13:30

FOCUS Meeting: PlaquelImage – A Scientific Bridge in Cardiac Imaging

Chairpersons: Imre Benedek (Țirgu Mureș, Romania), Pál Maurovich-Horvat (Budapest, Hungary)

Theodora Benedek (Țirgu Mureș, Romania) – **PlaquelImage** concept and first results of the **MULTI-PLAQUE** trial

YOUNG INVESTIGATORS – Original Research in Modern Cardiac Imaging:

Țirgu Mureș Team

Mihaela Rațiu – CT-based assessment of coronary plaque vulnerability

Diana Opincariu – Pericoronary epicardial fat and plaque vulnerability

Ioana Rodean – The ATHERODENT study

András Mester – Inflammation and postinfarction myocardial scar

Mirabela Morariu – Inflammation and ventricular remodelling

Budapest Team

Sára Papp - The effect of myocardial bridge on coronary atherosclerosis

Zsófia Drobni - The heritability of coronary atherosclerotic plaques

Pál Maurovich-Horvat (Budapest, Hungary) - Closing remarks

13:30 – 15:00 - Lunch break

15:00 – 16:30

Interventional Electrophysiology

Chairpersons: Tamás Szili-Török (Rotterdam, The Netherlands), Dan Dobreanu (Țirgu Mureș, Romania)

Panel: Imre Benedek (Țirgu Mureș, Romania), László Gellér (Budapest, Hungary), László Sághy (Budapest, Hungary), István Kovács (Țirgu Mureș, Romania)

Tamás Szili-Török (Rotterdam, The Netherlands) – New insights into the mechanism of idiopathic PVCs

István Kovács (Țirgu Mureș, Romania) – Role of modern imaging in guiding atrial fibrillation ablation

László Gellér (Budapest, Hungary) - Improving the success rate, new trends in radiofrequency ablation of atrial fibrillation

László Sághy (Budapest, Hungary) - Intracardiac echocardiography in electrophysiology procedures

Panel Discussions

16:30 – 17:00

ePosters Young Investigators – (II)

Coffee break

16:30 - 17:00

Meeting of the Mures Branch of the Romanian Society of Cardiology

Amphitheater 2

Emergency Clinical County Hospital Tîrgu Mureş

17:00 – 18:30

Peripheral Arterial Diseases

Chairpersons: Daniela Bartoş (*Bucharest, Romania*), Imre Benedek (*Tîrgu Mureş, Romania*)

Panel: Adrian Mureşan (*Tîrgu Mureş, Romania*), Monica Chiţu (*Tîrgu Mureş, Romania*), Zoltán Ruzsa (*Budapest, Hungary*), István Kovács (*Tîrgu Mureş, Romania*), Cătălina Arsenescu Georgescu (*Iaşi, Romania*)

Zoltán Ruzsa (*Budapest, Hungary*) - Treatment of critical limb ischemia

Daniela Bartoş (*Bucharest, Romania*) - Critical limb ischemia: what are our options according to the latest guideline?

Cătălina Arsenescu Georgescu (*Iaşi, Romania*) - To stent or not to stent in renovascular hypertension

Monica Chiţu (*Tîrgu Mureş, Romania*) – Iliac calcium score – A new tool for cardiovascular risk assessment

Symposium AlfaSigma - Why to remain original?

Lector: Imre Benedek

Panel Discussions

19:00 –Cocktail

Friday, July 6
Amphitheater 1

County Clinical Emergency Hospital Tîrgu Mureş

09:00 – 10:30

Complex Procedures in Interventional Cardiology

Chairpersons: Imre Benedek (Tîrgu Mureş, Romania), Imre Ungi (Szeged, Hungary),
Ştefan Moţ (Cluj Napoca, Romania)

Panel: Marin Postu (Bucharest, Romania), Monica Chiţu (Tîrgu Mureş, Romania), Zoltán Ruzsa (Budapest, Hungary), Levente Molnár (Budapest, Hungary), Cristian Udroi (Bucharest, Romania), Lucian Calmac (Bucharest, Romania)

Marin Postu (Bucharest, Romania) – Complex PCI - How we manage it today?

Zoltán Ruzsa (Budapest, Hungary) – Slender technique for simple and complex coronary interventions

Imre Ungi (Szeged, Hungary) – PCI indications and possibilities in coronary chronic total occlusions

Imre Benedek (Tîrgu Mureş, Romania) – Cardiac imaging for guiding complex interventions

Levente Molnár (Budapest, Hungary) – New and interesting procedures in TAVI

Ştefan Moţ (Cluj Napoca, Romania) – TAVI – From first steps to a minimal invasive approach in just 6 months – Experience of the Heart Institute TAVI team

Round Table, Case Presentations and Panel Discussion

Main topics:

- Interventional treatment in Left Main disease
- Stent thrombosis

10:30 – 11:30

Symposium Astra Zeneca

Theodora Benedek (Tîrgu Mureş, Romania) - The balance between ischemic and hemorrhagic risk in patients with acute coronary syndrome

Imre Benedek (Tîrgu Mureş, Romania) - Acute coronary syndromes - From theory to practice

11:30 – 11:45 - Coffee break

ePosters Young Investigators – (III)

11:45 – 13:00

Hot Topics in Invasive and Non-Invasive Cardiology

Chairpersons: Róbert Gábor Kiss (Budapest, Hungary), Gianluca Pontone (Milan, Italy)

Panel: Adrian Iancu (Cluj Napoca, Romania), Monica Chiţu (Tîrgu Mureş, Romania), István Kovács (Tîrgu Mureş, Romania), Lucian Calmac (Bucharest, Romania), Ştefan Moţ (Cluj Napoca, Romania)

Róbert Gábor Kiss (Budapest, Hungary) – Antithrombotic treatment and hemorrhagic risk

Gianluca Pontone (Milano, Italy) – Functional assessment of coronary artery disease with cardiac CT: state of the art

Imre Benedek (Tîrgu Mureş, Romania) – Subintimal dissection and MINOCA

Robin Luper (London, UK) - A therapeutic approach to reducing contrast-induced nephropathy

Panel Discussions

13:00 – 13:30

The Year in Cardiology Journals
Journal of Cardiovascular Emergencies

13:30 – 14:30 - *Lunch break*

14:30 – 16:00

Heart Failure and Translational Research

Chairpersons: **Mircea Cintează** (Bucharest, Romania), **Andre Keren** (Tel Aviv, Israel)

Panel: **Mariann Gyöngyösi** (Vienna, Austria), **Ovidiu Cotoi** (Tîrgu Mureş, Romania), **Theodora Benedek** (Tîrgu Mureş, Romania)

Mircea Cintează (Bucharest, Romania) – Acute heart failure therapy between drugs and interventions

Andre Keren (Tel Aviv, Israel) – From LV dysfunction to dilated cardiomyopathy and back

Theodora Benedek (Tîrgu Mureş, Romania) – Inflammatory response and left ventricular failure in acute myocardial infarction

Mariann Gyöngyösi (Vienna, Austria) – Cardiac regeneration in patients with heart failure

Panel Discussions

16:00 – 16:20

Symposium Vifor Pharma

Theodora Benedek (Tîrgu Mureş, Romania) – Iron deficit in congestive heart failure – A comorbidity that should not be ignored

16:20 – 16:30 - *Coffee break*

ePosters Young Investigators – (IV)

16:30 – 18:00

STEMI Updates

Chairpersons: **Imre Benedek** (Tîrgu Mureş, Romania), **Cristian Udroi** (Bucharest, Romania)

Panel: **Adrian Iancu** (Cluj Napoca, Romania), **Călin Pop** (Baia Mare, Romania), **Marin Postu** (Bucharest, Romania), **Monica Chiţu** (Tîrgu Mureş, Romania)

Imre Benedek (Tîrgu Mureş, Romania) – New developments in the regional STEMI network in Romania

Călin Pop (Baia Mare, Romania) - STEMI treatment in North-West Romania: invasive or pharmacoinvasive?

Cristian Udroi (Bucharest, Romania) – Complete revascularization in STEMI – Pro vs. Contra

Adrian Iancu (Cluj Napoca, Romania) – Primary percutaneous coronary intervention in patients with ST-segment elevation myocardial infarction and unprotected left main coronary artery culprit lesion

Round Table and Panel Discussions: Current status of STEMI treatment in Romania and Europe

18:00 – 18:30

Award Ceremony for Young Investigators

19:00 – Dinner

POST-CONGRESS MEETING

Sâmbătă, 7 Iulie / Saturday, July 7

Amphitheater 1

County Clinical Emergency Hospital Tîrgu Mureş

09:00 – 12:00

Secţiunea Asistente / Nurse Session

Curs Post-congres / Post-Congress Meeting

Noile recomandări europene în cardiologie / New European Guidelines in Cardiology

POSTERS and e-POSTERS

1. **Emese Márton**, et al - Prognostic value of epicardial fat thickness as a biomarker of increased inflammatory status in patients with type 2 diabetes mellitus and acute myocardial infarction
2. **Victora Rus**, et al - Interrelation between altered nutritional status and clinical outcomes in patients with acute myocardial infarction admitted in a tertiary intensive cardiac care unit
3. **Emese Rápolti**, et al - Iliac calcium score correlates with iliac intima-media thickness and reflects the severity of peripheral arterial disease – a CT angiography study
4. **Balázs Bajka**, et al - CT-based predictors of procedural outcomes in percutaneous left main revascularization
5. **Laura Jáni**, et al - Factors associated with one-year mortality in patients with acute pulmonary embolism
6. **Tiberiu Nyulas**, et al - Characteristics of neoatherosclerosis within implanted coronary stents in patients with acute coronary syndromes
7. **Ioan Ferentz**, et al - Characteristics of coronary lesions in small vessel disease treated with elective stenting in patients with type 2 diabetes mellitus
8. **Marius Orzan**, et al - A comparative preliminary study on CT contrast attenuation gradient versus invasive FFR in patients with unstable angina
9. **Roxana Hodas**, et al - Comparison of coronary CT angiography and invasive coronary angiography quality of life and cost-effectiveness in patients with suspected coronary artery disease from a low-income country
10. **Balázs Oltean-Péter**, et al - Inflammation and systemic vulnerability in patients with acute myocardial infarction undergoing percutaneous coronary revascularization – a prospective study in a level 3 cardiac critical care unit
11. **Ramona Zavate**, et al – Correlations between nutritional status and left ventricular dysfunction following acute myocardial infarction
12. **Nóra Raț**, et al - Pericoronary epicardial fat surrounding vulnerable coronary plaques is associated with increased plaque burden and remodelling – a CT-based substudy of the PlaquelImage project
13. **Mihaela Rațiu**, et al - Correlations between plaque eccentricity, severity of luminal narrowing and characteristics of plaque vulnerability - a CT-based substudy of the PlaquelImage project
14. **Annabella Benedek**, et al - Intracoronary shear stress and CT characteristics of vulnerable coronary plaques

15. **Alexandra Stănescu**, et al - Sub-endothelial coronary artery dissection triggered by hypertension in patients with acute coronary syndromes and angiographically normal coronary arteries - An optical coherence tomography study
16. **Mirabela Morariu**, et al - Increased epicardial fat volume is associated with decreased ventricular function and increased myocardial scar in the post-myocardial infarction period – the first results of the MULTIPLAQUE trial
17. **Diana Opincariu**, et al - Epicardial fat volume is associated with vulnerability features of culprit coronary plaques in patients with unstable angina – a CT-based study
18. **Lehel Bordi**, et al - The influence of right atrial volume on the recurrence rate after pulmonary vein ablation for atrial fibrillation
19. **András Mester**, et al - Vulnerable coronary plaques are associated with a higher functional significance as compared to non-vulnerable ones - a CT angiography-based study
20. **Marian Hinte**, et al - Altered nutritional status and inflammatory response in patients with acute myocardial infarction
21. **Szilamér Korodi**, et al – Factors associated with the incidence of cardiac arrhythmias in the cardiac critical care unit
22. **Ioana Rodean**, et al - Periodontal disease, inflammation and atherosclerosis progression in patients with acute coronary syndromes – The ATHERODENT study
23. **István Kovács**, et al – Cardiovascular alterations in high-performance sport – A pilot study on 60 subjects
24. **Daniel Cernica**, et al – Role of three-dimensional printing technology in guiding interventional procedures of complex cardiovascular disorders
25. **Ciprian Blendea**, et al – Echocardiographic assessment of right ventricular function and remodelling in scleroderma patients
26. **Anna Tusa**, et al – The relationship between lower extremity artery disease and quality of life in elderly patients
27. **Annamária Magdás**, et al – Assessment of the relationship between ambulatory monitoring derived parameters reflecting pressure overload and variability

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Intrarea la congres este gratuită, iar în cazul în care participantul solicită materialele congresului taxa de participare este :

pentru medici specialiști — 150 Lei
pentru medici de familie — 100 Lei
pentru medici rezidenți — 50 Lei
pentru studenți — 50 Lei

Notes



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