ROMANIAN SOCIETY OF CARDIOLOGY

UNIVERSITATEA DE MEDICINĂ ȘI FARMACIE CAROL DAVILA

CLINICA DE CARDIOLOGIE

Centrul de Expertiză pentru Boli Cardiovasculare Genetice Rare

European Reference Networks

HEREDITARY CARDIOVASCULAR DISEASES

March 20-21, 2026
Bucharest

SCIENTIFIC PROGRAM

Course organized by the Romanian Society of Cardiology endorsed by the European Reference Network GUARD-Heart

HEREDITARY CARDIOVASCULAR DISEASES

Friday, March 20th 2026
Alfa Room

09:00 – 09:15 Welcome and Introduction

09:15 – 10:30 Session 1 – GENETIC TESTING IN CARDIOLOGY

Chairpersons: Connie Bezzina (Netherlands), Adela Chirita-Emandi (Romania)

09:15 - 09:30 Do all cardiomyopathy genes have the same importance? – Tiina Heliö (Finland)
09:30 - 09:45 What genes to test after a sudden cardiac death event? – Eric Schulze-Bahr (Germany)
09:45 - 10:00 What are the polygenic risk scores and how to use them? – Connie Bezzina (Netherlands)
10:00 - 10:15 Gene panels, WES or WGS? How do they compare? – Adela Chirita-Emandi (Romania)
10:15 - 10:30 Discussions

10:30 – 11:45 Session 2 – DILATED AND NON-DILATED LV CARDIOMYOPATHY

Chairpersons: Philippe Charron (France), Ruxandra Jurcut (Romania)

10:30 - 10:40 Case presentation – Laura Antohi (Romania)
10:40 - 10:50 "The good" – Titin cardiomyopathy – Ruxandra Jurcut (Romania)
10:50 - 11:00 "The bad" – Lamin A/C cardiomyopathy under focus – Philippe Charron (France)
11:00 - 11:10 "The rare" – BAG3, RBM20 – Juan Pablo Kaski (UK)
11:10 - 11:30 Arrhythmic risk stratification in DCM/NDLVC – how to incorporate imaging and genetics – Fernando Domínguez (Spain)
11:30 - 11:45 Discussions

11:45 – 12:00 Coffee break

12:00 – 13:30 Session 3 – HYPERTROPHIC CARDIOMYOPATHY

Chairpersons: Bogdan A. Popescu (Romania), Iacopo Olivotto (Italy)

12:00 - 12:15 How to choose and perform imaging in HCM – Bogdan A. Popescu (Romania)
12:15 - 12:30 Therapeutic choices in HOCM - how to choose? – Iacopo Olivotto (Italy)
12:30 - 12:45 Arrhythmic risk stratification - any news? – Juan Ramon Gimeno (Spain)
12:45 - 13:00 Genetics and HCM management – Amin Ahmad (Netherlands)
13:00 - 13:15 Registries in HCM – what is the added value? – Michelle Michels (Netherlands)
13:15 - 13:30 Discussions

13:30 – 14:30 Lunch

14:30 – 15:45 Session 4 – ARRHYTHMOGENIC CARDIOMYOPATHY

Chairpersons: Philippe Chevalier (France), Alexandros Protonotarios (UK)

14:30 - 14:45 Case presentation – Alexandra Apostu (Romania)
14:45 - 15:00 Multimodality imaging for ARVC – JF Rodriguez Palomares (Spain)
15:00 - 15:15 ARVC risk evaluation – Philippe Chevalier (France)
15:15 - 15:30 Is DSP cardiomyopathy a specific entity? – Alexandros Protonotarios (UK)
15:30 - 15:45 Discussions

15:45 – 16:15 KEYNOTE LECTURE

Chairpersons: Alexandros Protonotarios, Iacopo Olivotto

- Naxos disease – 40 years after
  – Adalena Tsatsopoulou (Greece)

16:15 – 16:30 Coffee break

16:30 – 17:30 Session 5 – CARDIOMYOPATHIES YOU SHOULD KNOW

Chairpersons: Giuseppe Limongelli (Italy), Sebastian Militaru (Romania)

16:30 - 16:45 Noonan syndrome and other RASopathies – Giuseppe Limongelli (Italy)
16:45 - 17:00 Danon cardiomyopathy – Alessia Argiro (Italy)
17:00 - 17:15 Cardiac amyloidosis – Gabriela Neculae (Romania)
17:15 - 17:30 Fabry cardiomyopathy – Sebastian Militaru (Romania)

17:30 – 18:30 PRACTICAL WORKSHOP

- Clinical genetics in a nutshell: how to draw a pedigree & how to read a genetic test result.
  – Adela Chirita-Emandi (Romania)

18:30 – 19:30 BEST CLINICAL CASE (8 best abstracts)

Chairpersons: Eliza Cinteza (Romania), Elena Arbelo (Spain), Philippe Charron (France)

18:30 -18:36 Marian-Ioan Filip, Radu Andy Sascau, Cristian Statescu, Antoine Dompnier (Romania) – *When Mitochondrial Cytopathy Drives Cardiac Disease:A Kearns–Sayre Syndrome Case*

18:36 - 18:42 Laura Andrei, Alexandra Zamfirescu, Sebastian Onciul, Ana Maria, Iordan, Ruxandra Jurcut (Romania) – *Late unmasking of long QT syndrome type 1during rituximab-based chemotherapy*

18:42 - 18:48 Inês Fortuna, Paula Soeiro, Helena Moreira, Teresa Faria, Janete, Santos, Mariana Vasconcelos, Catarina Marques, Ana Oliveira, João Paulo Oliveira, Elisabete Martins (Portugal) – *Ga-FAPI PET-CT/CMR for cardiac imaging in Anderson-Fabry disease: A case series*

18:48 - 18:54 Andrea Greco, MD, Estefania Martinez-Barrios, Oscar Campuzano Larrea, Georgia Sarquella-Brugada (Spain) – *Severe neonatal long QT syndrome type 3 with de novo SCN5A inactivation-gate variant: genotype-directed therapy combined with early LCSD*

18:54 - 19:00 Lazea Cecilia, Botis Maria, Fufezan Otilia, Vintan Mihaela, Lazar Calin (Romania) – *Rhabdomyomas as substrates of arrhythmia in two patients with tuberous sclerosis*

19:00 - 19:06 Dragos Pirgaru, Gabriela Neculae, Eliza Cinteza, Lucian Dorobantu, Mihai Stefan, Crina Radulescu, Dan Deleanu, Vlad Anton Iliescu, Maria Iascone, Paolo Ferrazzi, Ruxandra Jurcut, Robert Adam – *Complex Management of Sarcomeric Hypertrophic Obstructive Cardiomyopathy in a Young MYH7-Positive Patient: From Septal Myectomy to Rescue TAVI*

19:06 - 19:12 Mihai Manciu, Alin Nicolescu, Viviana Gondos, Eliza Cinteza, Radu Vatasescu (Romania) – *Intra-familial Phenotypic Variability and Combined Atrial–Ventricular Expression in RYR2-Associated Disease*

19:12 - 19:18 Baiba Lace (Latvia) – *Case of histiocytoid cardiomyopathy*

19:18 -1 9:30 Discussions

HEREDITARY CARDIOVASCULAR DISEASES

Saturday, March 21th 2026
Alfa Room

09:00 – 10:15 Session 1 – CHANNELOPATHIES

Chairpersons: Georgia Sarquella Brugada (Spain), Radu Vatasescu (Romania)

09:00 - 09:15 Long QT syndrome: what's new in risk stratification and therapy? – Lia Crotti (Italy)
09:15 - 09:30 Beyond Type 1: Dynamic Phenotyping and Actionable Endpoints in Brugada – Elena Arbelo (Spain)
09:30 - 09:45 The CPVTs We Miss – CASQ2, CALM1-3, TRDN, TECRL – Vincent Probst (France)
09:45 - 10:00 Beyond the Usual Suspects – A clinician's guide to ultrarare arrhythmia syndromes – Georgia Sarquella Brugada (Spain)
10:00 - 10:15 Discussion

10:15 – 10:30 Coffee break

10:30 – 12:00 Session 2 – SUDDEN CARDIAC DEATH IN THE YOUNG

Chairpersons: Jacob Tfelt-Hansen (Denmark), Arthur Wilde (Netherlands)

10:30 - 10:40 Case presentation – Mihnea Casian (Romania)
10:40 - 10:55 Is this an important topic? Epidemiologic overview – Radu Vatasescu (Romania)
10:55 - 11:10 Pathology in SCD in the young – Cristina Basso (Italy)
11:10 - 11:25 Molecular autopsy – when is it needed? – Jacob Tfelt-Hansen (Denmark)
11:25 - 11:40 Finding a RyR2 variant in an (aborted) OHCA victim. What next? – Arthur Wilde (Netherlands)
11:40 - 12:00 Discussion

12:00 – 12:30 KEYNOTE LECTURE

Chairpersons: Elena Arbelo, Jacob Tfelt-Hansen

- How to approach the survivors of SCD and their families – Arthur Wilde (Netherlands)

12:30 – 13:30 Lunch

13:30 – 14:30 HOT TOPICS IN CARDIOGENETICS

Chairpersons: Juan Ramon Gimeno, Alida Caforio

13:30 - 13:45 Artificial intelligence for cardiomyopathies diagnosis – Theo Pezel (France)
13:45 - 14:00 Transition of care in cardiogenetics – Georgia Sarquella Brugada (Spain)
14:00 - 14:15 Why are registries important – Alida Caforio (Italy)
14:15 - 14:30 Patients associations – essential for care – Ruth Biller (Germany)

14:30 – 15:15 REFERENCE NETWORKS FOR CARDIAC GENETIC DISEASES

Chairpersons: Amin Ahmad, Elena Arbelo

14:30 - 14:45 The Romanian national network for genetic cardiac diseases – a 10 years journey – Ruxandra Jurcut (Romania)
14:45 - 15:00 Why are European Reference Networks important? – Amin Ahmad (Netherlands)

15:15 – 15:45 Coffee break

15:45 – 16:30 FAMILIAL HYPERCHOLESTEROLEMIA

Chairpersons: Adina Ionac, Ana Maria Balahura

15:45 - 16:00 How to diagnose: from scores to genes – Robert Adam (Romania)

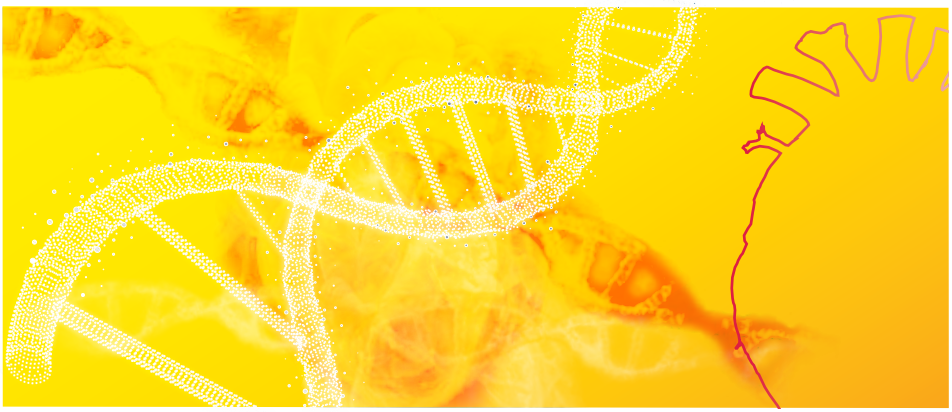
16:00 - 16:15 How to treat: should we go beyond statins? – Ana Maria Balahura (Romania)

16:30 – 17:45 DIFFICULT CASES IN INHERITED CARDIAC CONDITIONS

Chairpersons: Iacopo Olivotto (Italy), Sebastian Onciul (Romania)

- Case presenter: Robert Sepp, Raluca Tomoaia, Sebastian Onciul, Ioana Sus, Cristina Radulescu, Cristiana Voicu

17:45 – 18:00 Closing remarks
Ruxandra Jurcut, Elena Arbelo, Iacopo Olivotto



10th edition

HANDS-ON WORKSHOPS
(Supported by MEDIST Imaging)

Gamma Room

Friday, March 20th 2026

11:00 – 12:00 **Echocardiographic evaluation of HOCM patients guiding therapeutic decisions** – Robert Adam

14:30 – 15:30 **LV hypertrophy – from HCM to phenocopies** – Gabriela Neculae

17:30 – 18:30 **Athletes heart vs cardiomyopathy – ECG and imaging** – Mihnea Casian

Saturday, March 21st 2026

10:30 – 11:30 **Echocardiographic evaluation of HOCM patients guiding therapeutic decisions** – Robert Adam

13:30 – 14:30 **LV hypertrophy – from HCM to phenocopies** – Gabriela Neculae

14:45 – 15:45 **Athletes heart vs cardiomyopathy – ECG and imaging** – Mihnea Casian

NOTE: Registration for each workshop will take place from 8:00, at the registration desk, on Friday, March 20 for that day's courses, and on Saturday, March 21 for the respective day's courses, until all 30 available spots are filled.

E-POSTERE

Anca Popoiu, Mara Micsescu-Olah, Catalin Munteanu, Adela Chirita-Emandi – *A Girl and a Boy with Barth Syndrome*

A. Duducea, O. Voinescu, I. Ionac, A. Ionac – *A particular form of double heterozygosity in a in obstructive cardiomyopathy*

V. Meche, O. Voinescu, A. Ionac – *A TTN Truncating Variant Unmasking a Mixed Ischemic–Genetic Dilated Cardiomyopathy*

Adela Stamati, Lucia Pirtu, Esanu Veronica, Iulia Rodoman, Ina Palii – *Arrhythmogenic cardiomyopathy – Long way for the patient*

Lacramioara Chiperi – *Atrial flutter with exertional syncope in a child with a normal heart: an early electrical warning of inherited sudden cardiac death risk*

T. Popa, O. Voinescu, I. Ionac, R. Cinca, A. Ionac – *Atypical restrictive phenotype in MYH7-related cardiomyopathy: Insights from multimodality imaging and genetic testing*

Cezara Bosinceanu, Carina Ureche, Alexandru Bostan, Cristian Statescu, Radu A. Sascău – *Beyond Ejection Fraction: How Imaging and Genetics Are Rewriting the Prognosis of Dilated Cardiomyopathy*

Delia-Melania Popa, Carina Ureche, Traian Chiuariu, Stefan Ailoaei, Alexandru Bostan, Radu-Andy Sascau, Cristian Statescu – *Beyond Hypertrophy Interpreting Arrhythmic Risk in PRKAG2 Cardiomyopathy Through an Integrated Genetic and Imaging Lens*

Baiba Lace, Riga East University Hospital, Riga, Latvia – *Case of histiocytoid cardiomyopathy*

Dragos Pirgaru, Gabriela Neculae, Eliza Cinteza, Lucian Dorobantu, Mihai Stefan, Crina Radulescu, Dan Deleanu, Vlad Anton Iliescu, Maria Iascone, Paolo Ferrazzi, Ruxandra Jurcut, Robert Adam – *Complex Management of Sarcomeric Hypertrophic Obstructive Cardiomyopathy in a Young MYH7-Positive Patient: From Septal Myectomy to Rescue TAVI*

Maria Muresan, Nicoleta-Cosmina Hart-Foia, Renata Agoston, Andreea Almasan, Dana Pop, Gabriel Cismaru, Raluca Tomoaia – *Evolving Arrhythmic risk in Non-Dilated Dystrophin-Related Cardiomyopathy*

Andreea Almasan, Nicoleta Hart, Renata Agoston, Maria Muresan, Dana Pop, Ioan Alexandru Minciună, Raluca Tomoaia – *Familial MYH7-Associated Hypertrophic Cardiomyopathy with divergent arrhythmic phenotypes*

Roxana Stroescu, Sebastian Militaru – *From Family History to Advanced Imaging: Detecting Non-Dilated DSP-Associated Cardiomyopathy*

Antal Laura, Beyer Ruxandra, Tomoaia Raluca – *From mild dysfunction to SCD Lessons from familial cardiomyopathy with excessive trabeculation and variants of uncertain significance*

Nicoleta-Cosmina Hart-Foia, Renata Agoston, Andreea Almasan, Maria Muresan, Adrian Molnar, Lucian Dorobantu, Mihai Puiu, Ruxandra Stefana Beyer, Dana Pop, Raluca Tomoaia – *From obstructive hypertrophic cardiomyopathy to heart failure a MYBPC3-related case*

Inês Fortuna, Paula Soeiro, Helena Moreira, Teresa Faria, Janete Santos, Mariana Vasconcelos, Catarina Marques, Ana Oliveira, João Paulo Oliveira, Elisabete Martins – *^{68}Ga-FAPI PET-CT/CMR for cardiac imaging in Anderson-Fabry disease: A case series*

Artiom Cuzmuc, Nicolae Ciobanu, Elena Panfile, Mihail Parnov, Piotr Serban, Lucia Mazur-Nicorici – *Heart Failure as a Mode of Presentation of a Rare Infiltrative Cardiomyopathy A Case of AL Amyloidosis*

Daniela Bursacovschi – *Hereditary cardiac amyloidosis linked to a rare transthyretin mutation*

Diana Jecan-Toader, Mihai Pop, Cristina Filip, Evelyn Kecskes, Radu Vatasescu, Ruxandra Jurcut, Lucian Dorobantu, Cristina Caldararu, Veronica Marcu, Monica Dobrovie, Mihai Militaru, Simona Cainap – *Infantile-Onset Hypertrophic Cardiomyopathy : Long-term evolution toward extreme hipertrophy and biventricular obstruction*

Manciu M, Nicolescu A, Gondos V, Cinteza E, Vatasescu R. – *Intra-familial Phenotypic Variability and Combined Atrial–Ventricular Expression in RYR2-Associated Disease*

Oana Voinescu, Raluca Coifan, Dragos Cozma, Adela-Chirita Emandi, Adina Ionac – *Isolated Left Ventricular Arrhythmogenic Cardiomyopathy Associated with a Pathogenic Variant in the DSP Gene*

Laura Andrei, Alexandra Zamfirescu, Sebastian Onciul, Ana Maria Iordan, Ruxandra Jurcut – *Late unmasking of long QT syndrome type 1 during rituximab-based chemotherapy*

Andreea Inceu, Raluca Rancea – *Left ventricular hypertrabeculation and a variant of uncertain significance in the FLNC gene: Is it a distinct cardiomyopathy?*

Maciej Nadel, Jarosław Drożdż – *Mavacamten Initiation in Noonan Syndrome With Multiple Lentigines and Severe LVOT Obstruction*

Popa Madalina, Cojocaru Diana-Irena, Micheu Miruna-Mihaela, Stanciulescu Laura, Radu Vatasescu – *MEPPC Syndrome in a patient with SCN5A mutation - variant C665G>Ap.Arg222GIN*

Csányi B, Hategan L, Sághy L, Borbás J, Nagy Viktória, Takács Hedvig, Hegedűs Z, Nagy I, Szili-Török T ,Sepp R – *Multiple faces of cardiomyopathy: detection of a missense variant in the Lamin A/C (LMNA) gene in a family with overlapping phenotypes*

Andreea Inceu, Raluca Rancea – *Myocarditis or hypertrophic cardiomyopathy?*

A Papoe, O Voinescu, D Cozma, A Ionac – *Natural course of an unoperated univentricular heart into adulthood*

Alexandra-Florina Muraretu, Emilia-Violeta Goanta, Oana Munteanu-Mirea, Sebastian Militaru – *Non-ischemic dilated cardiomyopathy associated with a pathogenic KCNH2 mutation in a post-in vitro fertilization patient*

Laura Andrei, Sebastian Onciul, Alexandra Zamfirescu, Ruxandra Jurcut – *Progressive dyspnoea in a teenager: TNNI3 mutation causing restrictive physiology*

Lazea Cecilia, Botis Maria, Fufezan Otilia, Vintan Mihaela, Lazar Calin – *Rhabdomyomas as substrates of arrhythmia in two patients with tuberous sclerosis*

Andrea Greco, MD, Estefania Martinez-Barrios, Oscar Campuzano Larrea, Georgia Sarquella-Brugada – *Severe neonatal long QT syndrome type 3 with de novo SCN5A inactivation-gate variant: genotype-directed therapy combined with early LCSD*

Lacramioara Chiperi – *Silent genes, malignant outcomes: pediatric screening in a family with phospholamban-related arrhythmogenic cardiomyopathy and sudden cardiac death risk*

Oana Madalina Manole, Viviana Onofrei – *Syncope as the First Clue: A Familial Presentation of Hypertrophic Cardiomyopathy*

Ioana-Theodora Vrabie, Maria-Ruxandra Cepoi, Marilena Renata Spiridon, Antoniu Octavian Petris, Irina-Iuliana Costache-Enache – *Systolic Dysfunction: Ischemia or Arrhythmia?*

Teodora Neagu, Cosmina Jercalau, Vlad Goldic, Brăilescu Marina, Chioncel Valentin, Sebastian Onciul, Catalina Andrei, Raluca Ciomag – *Through the Fibrotic Lens: Visualizing FLNC-Related Left-Dominant ACM*

Gabriela Popa, Raluca Tomoaia, Mihai Puiu, Ruxandra Stefana Beyer – *TTN-Related Dilated Cardiomyopathy When Family History Guides Sudden Cardiac Death Prevention*

Roxana Stroescu, Sebastian Militaru – *Under the Sign of Rarity: The Heart in Erdheim–Chester Disease*

Ioan-Dominic Baban, Irina Oprea, Raluca-Elena Mitran, Ioana Petre, Sebastian Onciul, Relu Cocos, Maria Puiu, Miruna-Mihaela Micheu, Radu-Gabriel Vatasescu – *Unexpected genomic insight in a case of apical hypertrophic cardiomyopathy*

Renata Agoston, Nicoleta-Cosmina Hart-Foia, Gabriel Cismaru, Andreea Almasan, Maria Muresan,. Dana Pop, Raluca Tomoaia – *Unmasking Dystrophinopathic Cardiomyopathy in a DMD Carrier*

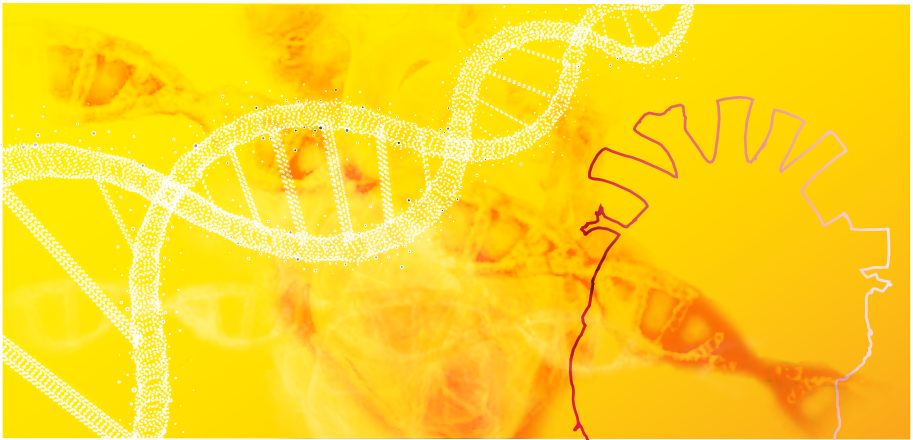
Raquel Machado, Hugo Osório, Pedro Palma, Helena Moreira, Laura Vieira, Manuela Fonseca, Ana Martins, Sofia Pimenta, Janete Quelhas-Santos, Elisabete Martins – *When Carpal Tunnel Syndrome Signals Cardiac Amyloidosis: A Report of Two Cases*

Cristiana-Ioana Raita, Dr. Bianka Maria Pavlov, Dr. Aria Amelia-Lorena, Dr. Elena Neagu, Dr. Madalina Leanca[2⊠3], Dr. Alin Nicolescu[1], Prof. Dr. Eliza Cinteza, Prof. Dr. Andrada Mirea, Asist. Univ. Dr. Georgiana Nicolae – *When Genes Tell Different Stories: Variable Penetrance of RYR3/FLNC Mutations in a Sibship with Restrictive Cardiomyopathy and Congenital Heart Defects*

Marian-Ioan Filip, Radu Andy Sascau, Cristian Statescu, Antoine Dompnier – *When Mitochondrial Cytopathy Drives Cardiac Disease: A Kearns–Sayre Syndrome Case*

Corina Maria Vasile, Adrian Coanda, Mohamed Dardari, Radu Teodoru Popa – *When Silence Prolongs the QT: Congenital Long QT Syndrome Type 3 in a Child*

L. Hrib, G. Neculae, R. Jurcuț – *When the phenotype speaks louder than the genotype: Desmoplakin Cardiomyopathy with a variant of unknown significance*



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HEREDITARY CARDIOVASCULAR DISEASES

Event held with the support of

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The event was accredited with 12 CME credits by the Romanian College of Physicians.

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