

2nd Olympiad in Cardiovascular Medicine
International Symposium on Experimental & Clinical Cardiology

Organized by:

Masonic Medical Research Institute
Utica, NY, USA

April 27-30, 2022

Galaxy Hotel Heraklion
75 Dimokratias Avenue
71306, Heraklion
Crete, Greece

Chairs (alphabetically)

Konstantinos Drosatos, PhD & Maria Kontaridis, PhD

Honorary Chair

Litsa Kranias, Ph.D.

Organizing Committee (alphabetically)

Dimitrios V. Avgerinos, MD, PhD, Onassis Heart Center, Greece
Dimitris Beis, PhD, Biomedical Research Foundation, Academy of Athens, Greece
Yassemi Capetanaki, PhD, Biomedical Research Foundation, Academy of Athens, Greece
Konstantinos Charitakis, University of Texas Houston, USA
Stavros G. Drakos, MD, PhD, FACC, University of Utah, USA
Gemma Figtree, MBBS, DPhil (Oxon), FRACP, FCSANZ, FAHA, University of Sydney, Australia
Nikolaos G. Frangogiannis, MD, Albert Einstein University, USA
Joshua Hare, MD, University of Miami, USA
Steven R. Houser, PhD, FAHA, Temple University, USA
Dimitris Kardassis, PhD, University of Crete, Greece
Walter J. Koch, PhD, Temple University, USA
Katia Kontrogianni, PhD, University of Maryland, USA
Antigone Lazou, PhD, Aristotelian University of Thessaloniki, Greece
Michel Noutsias, MD, FESC, FHFA, Clinical University of Halle, Germany
Nikki H. Purcell, PhD, University of California San Diego, USA
Sakthivel Sadayappan, PhD, MBA, University of Cincinnati, USA
P. Christian Schulze, MD, PhD, Clinical University of Jena, Germany
Stavros Stavrakis, MD, PhD, University of Oklahoma, USA
Konstantinos Stellos, MD, Newcastle University, UK
Alex Spyropoulos, MD, FACP, FCCP, FRCPC, Hofstra, Northwell School of Medicine, USA
Mark Sussman, PhD, San Diego State University, USA
Alexandros D. Tselepis, MD, PhD, University of Ioannina, Greece

ARRIVALS: Monday and Tuesday (April 25 - 26, 2022)

Day 1: Wednesday, April 27, 2022

14:00 – 14:45	Moderated Poster Session Chair Dimitris Beis , BRF Academy of Athens, Greece Dimitris Kardassis , University of Crete, Greece
15:00 – 16:30	Early Career Panel Discussion After a Pandemic: Navigating the Sea of Uncertainty as an Early Career Investigator. Chairs Konstantinos Hatzistergos , Aristotelian University of Thessaloniki, Greece Jessica Pflieger , Virginia Tech, USA Panelists Daan Westenbrink , University of Groningen, Netherlands Anastasios Lympelopoulou , Nova Southeastern University, USA Chen Gao , University of Cincinnati, USA Jaime Rubin , Columbia University, USA Cat A. Makarewich , Cincinnati Children's Hospital Medical Center, USA
BREAK – 30 minutes	
17:00 – 18:30	Mid-career Panel Discussion Opportunities for Trans-Atlantic and Trans-Pacific Scientific Collaboration Chairs Rajasekaran Namakkal-Soorappan , University of Birmingham at Alabama, USA Sarah Franklin , University of Utah, USA Panelists Gemma Figtree , University of Sydney, Australia Jianyi (Jay) Zhang , University of Alabama at Birmingham & Academy of Cardiovascular Research Excellence Sakthivel Sadayappan , University of Cincinnati, USA Issei Komuro , University of Tokyo, Japan & Japanese Circulation Society Nicole Purcell , Huntington Medical Research Institutes, USA
19:00 – 20:00	Welcoming Remarks Co-chairs of the Organizing Committee Konstantinos Drosatos and Maria Kontaridis Keynote Session Chairs Maria Kontaridis , Masonic Medical Research Institute, USA Konstantinos Stellos , Newcastle University, UK Keynote Lecture Steffanie Dimmeler , Goethe-Universität Frankfurt am Main, Germany Introduction by Konstantinos Stellos , Newcastle University, UK
20:00 – 23:00	Opening Dinner Arolithos Traditional Cretan Village (Bus departure: Galaxy Hotel)

Day 2: Thursday, April 28, 2022

<p>8:15 – 9:40</p>	<p>Basic Cardiovascular Session</p> <p>Molecular and Genetic Aspects of Sarcomeric Dysfunction in Heart Disease</p> <p>Chairs Lucie Carrier, University Medical Center Hamburg-Eppendorf, Germany Danuta Szczesna-Cordary, University of Miami, USA</p> <p>Invited Speakers 8:15 – Yibin Wang, David Geffen School of Medicine at UCLA, USA 8:30 – Zhiqiang Lin, Masonic Medical Research Institute, USA 8:45 – Elizabeth Murphy, National Institutes of Health, USA 9:00 – Susan Steinberg, Columbia University, USA 9:15 – Katia Kontrogianni, University of Maryland, USA 9:30 – Mary Tsikitis, BRF Academy of Athens, Greece</p>	<p>Translational Cardiovascular Session</p> <p>State-of-the-Art Treatments in Structural Cardiovascular Disease</p> <p>Chairs Dimitrios Avgerinos, Onassis Heart Center, Greece Elias Iliadis, Cooper Medical School of Rowan University, USA</p> <p>Invited Speakers 8:15 – Konstantinos Spargias, Hygeia Hospital, Greece 8:30 – Marinos Kallikourdis, Humanitas Research Hospital, Italy 8:45 – Konstantinos Plestis, Penn State University, USA 9:00 – Dimitrios Dougenis, University of Athens, Greece 9:15 – Konstantinos Toutouzas, University of Athens, Greece 9:30 – Hoyee (Jenny) Tsui, Hubrecht Institute, Netherlands</p>
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BREAK – 20 minutes

<p>10:00 – 11:25</p>	<p>Basic Cardiovascular Session</p> <p>Cytoskeleton and Mechanotransduction Defects in Heart Disease</p> <p>Chairs Henk Granzier, University of Arizona, USA Jianhua Zhang, University of Birmingham at Alabama, USA</p> <p>Invited Speakers 10:00 – Yassemi Capetanaki, BRFAA, Greece 10:15 – Donald Menick, Medical University of South Carolina, USA 10:30 – Marcello Rota, New York Medical College, USA 10:45 – Selma Osmanagic-Myers, Medical University of Vienna, Austria 11:00 – Iris Jaffe, Tufts Medical Center, USA 11:15 – Cornelis Boogerd, Hubrecht Institute, The Netherlands (selected for short talk)</p>	<p>Translational Cardiovascular Session</p> <p>Challenges in Clinical Cardiology</p> <p>Chairs Polydoros Kampaktsis, New York University Langone Medical Center, USA Demetri Yannopoulos, University of Minnesota, USA</p> <p>Invited Speakers 10:00 – Emmanouil Vavouranakis, University of Athens, Greece 10:15 – Demetri Yannopoulos, University of Minnesota, USA 10:30 – Kimon Stamatelopoulos, University of Athens, Greece 10:45 – Nikolaos Kakouros, UMass Memorial Health, USA 11:00 – Ana M. Gomez, Inserm, France (selected from abstract) 11:15 – Carmen Valdivia, University of Wisconsin, USA (selected for short talk)</p>
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BREAK – 20 minutes

<p>11:45 – 13:00</p>	<p>Basic Cardiovascular Session Topic</p> <p>Biological Mechanisms of Cardiac Fibrosis</p> <p>Chairs Anastasios Lympelopoulou, Nova Southeastern University, USA Maria Mirotsoy, Merck Research Laboratories, USA</p> <p>Invited Speakers 11:45 – Reza Ardehali, UCLA, USA 12:00 – Chang Jiang, Texas A&M University, USA 12:15 – Michelle Tallquist, University of Hawaii, USA 12:30 – Tim McKinsey, University of Colorado, USA 12:45 – Saptarsi Haldar, University of California, San Francisco, USA</p>	<p>Translational Cardiovascular Session</p> <p>New Frontiers in Arrhythmia Treatment: From Mechanisms to Therapy</p> <p>Chairs Samuel Dudley, Lillehei Heart Institute, USA Theofilos Kolettis, University of Ioannina, Greece</p> <p>Invited Speakers 11:45 – Stavros Stavrakis, University of Oklahoma, USA 12:00 – Xander Wehrens, Baylor College of Medicine, USA 12:15 – Rajasekaran Namakkal-Soorappan, University of Birmingham at Alabama, USA 12:30 – Christian Meyer, University Medical Center, Hamburg, Germany 12:45 – Niels Voigt, University Medical Center Gottingen, Germany</p>
<p>13:00 – 14:30</p>	<p>Lunch Break</p>	<p>13:30 – 14:15</p> <p>Moderated Poster Session</p> <p>Chair George Kararigas, University of Iceland, Iceland</p>
<p>14:30 – 15:45</p>	<p>Joint Basic & Translational Session Topic</p> <p>“It’s Time to Translate: Innovative Studies in Heart Failure”</p> <p>Chairs John P. Morrow, Columbia University, USA Dominic Del Re, Rutgers New Jersey Medical School, USA</p> <p>Invited Speakers 14:30 – Ioakim Spyridopoulos, Newcastle University, UK 14:45 – E. Dale Abel, University of Iowa, USA 15:00 – Walter J. Koch, Temple University, USA 15:15 – Thomas Eschenhagen, University Medical Center Hamburg-Eppendorf, Germany 15:30 – Federica Accornero, Ohio State University, USA</p>	
<p style="text-align: center;">Break – 15 minutes</p>		
<p>16:00 – 17:15</p>	<p>Joint Basic & Translational Session Topic</p> <p>“Recent Advances in Inherited Cardiomyopathies: Pathways to Treatments”</p> <p>Chairs Erini Marouli, William Harvey Research Institute, Queen Mary University of London, UK</p>	

	<p>Junco Warren, Virginia Tech, USA</p> <p>Invited Speakers 16:00 – Jil Tardiff, University of Arizona, USA 16:15 – Jonathan Kirk, Loyola University, USA 16:30 – Sakthivel Sadayappan, University of Cincinnati, USA 16:45 – Leslie Leinwand, University of Colorado, USA 17:00 – Samantha Harris, University of Arizona, USA</p>
<p>Break – 15 minutes</p>	
<p>17:30 – 18:45</p>	<p>Joint Basic & Translational Session Topic</p> <p>“Novel Signaling Pathways as Therapeutic Targets for Heart Failure and Hypertrophy”</p> <p>Chairs Shathiyah Kulandavelu, University of Miami, USA Emmanuel Tampakakis, Johns Hopkins Medical Institute, USA</p> <p>Invited Speakers 17:30 – Joseph Hill, UT Southwestern, USA 17:45 – Konstantinos Hatzistergos, Aristotelian University of Thessaloniki, Greece 18:00 – Joshua Hare, University of Miami, USA 18:15 – Sumanth Prabhu, Washington University School of Medicine in St. Louis, USA 18:30 – Sasha Smolgovsky, Tufts University, USA (selected for short talk)</p>

Day 3: Friday, April 29, 2022

<p>8:15 – 9:40</p>	<p>Basic Cardiovascular Session</p> <p>Inflammation in Myocardial Diseases</p> <p>Chairs Sadia Mohsin, Temple University, USA Stelios Psarras, BRF Academy of Athens, Greece</p> <p>Invited Speakers 8:15 – Nikos Frangogiannis, Albert Einstein, USA 8:30 – Pilar Alcaide, Tufts University, USA 8:45 – Douglas Tilley, Temple University, USA 9:00 – Edward Thorp, Northwestern University, USA 9:15 – Kristin Stanford, Ohio State University, USA 9:30 – George Kararigas, University of Iceland, Iceland (short 10-minute talk)</p>	<p>Translational Cardiovascular Session</p> <p>Lipids, Inflammation and Vasculature</p> <p>Chairs Evangelos Liberopoulos, University of Ioannina, Greece Prabhakara Nagareddy, Ohio State University, USA</p> <p>Invited Speakers 8:15 – Victor Darley-USmar, University of Alabama at Birmingham, USA 8:30 – Didier Stainier, Max Planck Institute for Heart and Lung Research, Germany 8:45 – Edward Fisher, New York University, USA 9:00 – Bart Staels, University of Lille, France 9:15 – Gemma Figtree, University of Sydney, Australia 9:30 – Andrew Murphy, Baker Heart & Diabetes Institute, Australia (selected from abstract)</p>
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BREAK – 20 minutes

<p>10:00 – 11:25</p>	<p>Basic Cardiovascular Session</p> <p>“Epi” Changes and “Omics” Analyses in Cardiac Health and Disease</p> <p>Chairs Theodoros Papaioannou, University of Athens, Greece Sarah Schumacher-Bass, Cleveland Clinic, USA</p> <p>Invited Speakers 10:00 – Thomas Vondriska, UCLA, USA 10:15 – Saumya Das, Massachusetts General Hospital, USA 10:30 – OPEN 10:45 – Peipei Ping, UCLA, USA 11:00 – Ryan Boudreau, University of Iowa, USA (Selected for short talk) 11:10 – Fabio Martelli, IRCCS Policlinico San Donato, Italy(Selected for short talk)</p>	<p>Translational Cardiovascular Session</p> <p>Cardiac and Peripheral Imaging</p> <p>Chairs Savvas Loizos, Hygeia ospital, Greece Michel Noutsias, University Hospital Halle, Germany</p> <p>Invited Speakers 10:00 – Chase Kessinger, Masonic Medical Research Institute, USA 10:15 – Kyriakos Anastasiadis, Aristotelian University of Thessaloniki, Greece 10:30 – Constantinos Anagnostopoulos, BRF Academy of Athens, Greece 10:45 – Alexios Antonopoulos, University of Athens, Greece 11:00 – Michael Bonios, Onassis Cardiac Center, Greece 11:15 – Mufassra Mushtag, University Medical Center Gottingen, Germany (selected for short talk)</p>
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BREAK – 20 minutes

<p>11:45 – 13:00</p>	<p>Basic Cardiovascular Session Topic</p>	<p>Translational Cardiovascular Session</p>
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	<p>Chasing RNA to Understand Cardiac Disease</p> <p>Chairs Dimitris Kardassis, University of Crete, Greece Dimitris Beis, BRF Academy of Athens, Greece</p> <p>Invited Speakers 11:45 – Eva van Rooij, Hubrecht Institute, Netherlands 12:00 – Nate Tucker, Masonic Medical Research Institute, USA 12:15 – Yvan Devaux, Luxembourg Institute of Health 12:30 – Konstantinos Stellos, University of Newcastle, UK 12:45 – Susmita Sahoo, Mount Sinai School of Medicine, USA</p>	<p>Clinical Implications of COVID-19 Coagulopathy and Immunothrombosis</p> <p>Chairs Gary Aistrup, Masonic Medical Research Institute, USA Chen Gao, University of Cincinnati, USA</p> <p>Invited Speakers 11:45 – Emily Tsai, Columbia University, USA 12:00 – Jeffrey I. Weitz, McMaster University, Canada 12:15 – Grigoris Gerotziapas, Université Pierre et Marie Curie (Paris VI), France 12:30 – James Douketis, McMaster University, Canada 12:45 – Alexandros Tselepis, University of Ioannina, Greece</p>
13:00 -13:30	Lunch Break	
13:30 – 14:15		<p>13:30 – 14:15 Roundtable Discussion Inflammation: Driving Cardiac Dysfunction with or without Ischemia</p> <p>Chair Konstantinos Drosatos, University of Cincinnati College of Medicine, USA</p> <p>Discussants Pilar Alcaide, Tufts University, USA Sophie Mavrogeni, Onassis Cardiac Surgery Center, Greece Vesna Todorović, Nature Cardiovascular Research, USA</p>
14:30 – 15:45	<p>Joint Basic & Translational Session Topic</p> <p>From the Right and Left Ventricle to the Periphery and Back: Bench to Bedside</p> <p>Chairs Christoph Rau, University of North Carolina at Chapel Hill, USA Eleni Tseliou, University of Utah, USA</p> <p>Invited Speakers 14:30 – Ira J. Goldberg, New York University, USA 14:45 – P. Christian Schulze, Clinical University of Jena, Germany 15:00 – Stavros G. Drakos, University of Utah Health & School of Medicine, USA 15:15 – Evangelos Michelakis, University of Alberta, Canada 15:30 – Xin-Liang Ma, Thomas Jefferson University, USA</p>	
Break – 15 minutes		

<p>16:00 – 17:15</p>	<p>Joint Basic & Translational Session</p> <p>Re-engineering Failed Hearts</p> <p>Chairs Jop Van Berlo, University of Minnesota, USA Zhiqiang Lin, Masonic Medical Research Institute, Utica, NY, USA</p> <p>Invited Speakers 16:00 – Hesham Sadek, UT Southwestern, USA 16:15 – Jianyi “Jay” Zhang, University of Alabama at Birmingham, USA 16:30 – Ioannis Karakikes, Stanford University, USA 16:45 – Raj Kishore, Temple University, USA 17:00 – Martin Young, University of Alabama at Birmingham, USA</p>
<p>Break – 15 minutes</p>	
<p>17:30 – 18:45</p>	<p>Joint Basic & Translational Session</p> <p>Novel Treatments for Heart Failure</p> <p>Chairs Mohsin Khan, Temple University, USA Warren Anderson, Bristol Myers Squibb, USA</p> <p>Invited Speakers 17:30 – Carmen (Kika) Sucharov, University of Colorado, School of Medicine, USA 17:45 – Steven Houser, Temple University, USA 18:00 – David Goukassian, Icahn School of Medicine at Mount Sinai, USA 18:15 – Evripidis Gavathiotis, Albert Einstein College of Medicine, USA 18:30 – Johannes Backs, University Hospital Heidelberg, Germany</p>
<p>19:00 – 23:00</p>	<p>Closing Dinner Agrambeli Estate (<i>Bus departure: Galaxy Hotel</i>)</p>

Day 4: Saturday, April 30, 2022

<p>8:15 – 9:40</p>	<p>Basic Cardiovascular Session</p> <p>Metabolic Pathways Crosstalk in Cardiovascular Biology</p> <p>Chairs Michael Kelberman, Masonic Medical Research Institute, USA Ioanna Andreadou, University of Athens, Greece</p> <p>Invited Speakers 8:15 – Maha Abdelatif, Rutgers University, Newark, USA 8:30 – Zoltan Arany, University of Pennsylvania, USA 8:45 – Hossein Ardehali, Northwestern University, USA 9:00 – Steven P. Jones, University of Louisville, USA 9:15 – Maria Kontaridis, Masonic Medical Research Institute, USA 9:30 – Suresh Verma, University of Birmingham at Alabama, USA (selected for short talk)</p>	<p>Translational Cardiovascular Session</p> <p>Current Trends in Cardiology Clinical Practice and Research</p> <p>Chairs Ioannis-Georgios Kanakakis, General Hospital of Athens, Greece Kenneth B. Margulies, University of Pennsylvania, USA</p> <p>Invited Speakers 8:15 – Kenneth B. Margulies, University of Pennsylvania, USA 8:30 – Gary Lopaschuk, University of Alberta, Canada 8:45 – Jörg Heineke, Heidelberg University, Germany 9:00 – Maria Marketou, University of Crete, Greece 9:15 – Francisco Alvarado, University of Wisconsin, USA (selected for short talk) 9:25 – Angeliki Daiou, Aristotle University of Thessaloniki, Greece (selected for short talk)</p>
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BREAK – 20 minutes

<p>10:00 – 11:25</p>	<p>Basic Cardiovascular Session Topic</p> <p>Mitochondria and Myocardial Metabolism</p> <p>Chairs Antigone Lazou, Aristotelian University of Thessaloniki, Greece Priscila Sato, Drexel University, USA</p> <p>Invited Speakers 10:00 – Rong Tian, University of Washington, USA 10:15 – E. Douglas Lewandowski, Ohio State University, USA 10:30 – Scott Summers, The University of Utah, USA 10:45 – Asa Gustafsson, Univ. of California at San Diego, USA 11:00 – John Elrod, Temple University, USA 11:15 – Vaibhav Patel, University of Calgary, Canada (selected for short talk)</p>	<p>Translational Cardiovascular Session</p> <p>Heart Failure & Transplant</p> <p>Chairs Antigoni Koliopoulou, Onassis Heart Center, Greece Gus Vlahakes, Massachusetts General Hospital, USA</p> <p>Invited Speakers 10:00 – Stephen Chan, Vascular Medicine Institute, University of Pittsburgh, USA 10:15 – Andrew Marks, Columbia University Medical Center, USA 10:30 – Samuel Dudley, Lillehei Heart Institute, USA 10:45 – Craig Selzman, University of Utah, USA 11:00 – Ioannis Boletis, University of Athens, Greece 11:15 – Sean Tatum, University of Utah, USA (selected for short talk)</p>
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BREAK – 20 minutes

<p>11:45 – 13:00</p>	<p>Basic Cardiovascular Session</p> <p>Mitochondrial Biology and Cardiomyocyte Dysfunction</p> <p>Chairs Chase Kessinger, Masonic Medical Research Institute, USA Klitos Konstantinidis, Johns Hopkins Medical Institute, USA</p> <p>Invited Speakers 11:45 – Federica del Monte, Medical University of South Carolina, USA 12:00 – Lucie Carrier, University Medical Center Hamburg-Eppendorf, Germany 12:15 – Lorrie A. Kirshenbaum, University of Manitoba, Canada 12:30 – Cat A. Makarewich, Cincinnati Children’s Hospital Medical Center, USA 12:45 – Long-Sheng Song, University of Iowa, USA</p>	<p>Basic Cardiovascular Session</p> <p>Pathological Signaling in Heart Failure</p> <p>Chairs Nicole Purcell, Huntington Medical Research Institutes, USA Yajing Wang, Thomas Jefferson University, USA</p> <p>Invited Speakers 11:45 – David Lefer, Louisiana State University Health Sciences Center, USA 12:00 – Loren Wold, Ohio State University, USA 12:15 – Michael S. Kapiloff, Stanford University, USA 12:30 – Issei Komuro, University of Tokyo, Japan 12:45 – OPEN</p>
<p>13:00 – 14:00</p>	<p style="text-align: center;">Closing Keynote Session The Past and the Future of Basic and Clinical Cardiovascular Research</p> <p>Chairs Konstantinos Drosatos, University of Cincinnati College of Medicine, USA Litsa Kranias, University of Cincinnati College of Medicine, USA</p> <p>Distinguished Lectures Jeffery Molkentin, Cincinnati Children’s Hospital Medical Center, USA Anthony Rosenzweig, MGH-Harvard Medical School, USA</p> <p>Closing Remarks</p>	
<p>14:00</p>	<p>Meeting adjourns</p>	

Revised March 12, 2022