

**MALTESE
CARDIAC SOCIETY** **Conference**

18-21 October

Scientific Programme

www.mcardios.org



Dear friends and colleagues,

Welcome to the Maltese Cardiac Society (MCS) Conference 2018, the showcase of cardiology in Malta.

Prepare yourself for a packed 4-day programme where the whole spectrum of cardiology will be explored. It is a unique opportunity for all professionals to learn about the latest updates in cardiology. Topics will include coronary interventions, structural heart interventions, heart failure, imaging, prevention, hypertension, cardiovascular pharmacology, neurocardiology, and congenital heart disease. The 60th anniversary of the first pacemaker implantation will be celebrated with an exclusive lecture. The conference will be addressed by 15 international and world renowned cardiologists and cardiac surgeons, together with a local faculty of 71 experts.

Novel to the MCS Conference 2018 will be an entire session dedicated to Cardiac Surgery together with a keynote lecture by an eminent Italian cardiac surgeon, along with an interactive training village on image-guided therapy devices, a breakfast session on heart failure, and a concluding Cardiology Jeopardy Quiz Show!

Local cardiology research will again be given prominence with 2 oral abstract sessions being held during conference prime time, 2 moderated poster abstract sessions as well as poster abstract sessions during the morning coffee breaks and lunch breaks. The MCS PhDs will this year have a session dedicated to the presentation of their research.

During the conference the MCS will proudly launch its on-line journal entitled 'Proceedings of the Maltese Cardiac Society'. This will provide a forum for local researchers in cardiology to highlight their published work to Maltese colleagues.

The highly successful 'Cardiology Update for the Family Physician', Allied Health Sessions and Guideline Sessions have been expanded.

The theme of the MCS Conference 2018 is cardiac arrest with a session devoted to resuscitation. The Sunday public awareness event will also focus on the prevention of sudden cardiac death.

The MCS looks beyond heart health to environmental health. The impact of the air we breathe on cardiovascular disease will be discussed. The Organizing Committee has gone into great pains not only to provide healthy lunches but also to drastically reduce the plastic in the lunch packs.

Make the best of the MCS conference 2018. Learn, interact and enjoy.

A handwritten signature in blue ink, appearing to read 'R Xuereb', with a long horizontal flourish extending to the right.

Dr Robert G Xuereb
President of the Maltese Cardiac Society
On behalf of The Scientific and Organizing Committee

Maltese Cardiac Society Board 2018

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Jeremy Fleri Soler
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Kevin Bonnici

Registration services

Joseph J Galea

Conference Secretaries

Antoinette Calleja
Zvetlana Grech

Website: <http://www.mcardios.org>

External CME points for participation

Thursday 18th October	3 points
Friday 19th October	6 points
Saturday 20th October	6 point

Conference Faculty

Abela Mark	Farrugia Emanuel
Agius Decelis Tony	Farrugia Martoine
Aquilina Josanne	Fava Stephen
Aquilina Oscar	Felice Herbert
Attard Sheldon	Felice Tiziana
Balzan Martin	Fleri Soler Jeremy
Barbara Christopher	Gatt Alex
Bezzina Wettinger Stephanie	Gatt Michelle
Bonello John	Gauci Marilyn
Bonnici Samuel	Grech Reuben
Borg Alex	Grech Victor
Borg Charlene	Grima Christina
Bugeja Jessica	Magri Caroline Jane
Burg Melanie R	Mallia Maria
Busuttil Walter	Manche Alexander
Caruana Dingli Gordon	Meilak Samuel
Caruana Janet	Mercieca Balbi Matthew
Caruana Maryanne	Mercieca Bons Ian
Casha Aaron	Mercieca Victor
Cassar Andrew	Moore Alice May
Cassar Demarco Daniela	Muscat Elvio
Cassar Maempel Andrew	Muscat Baron Yves
Cassar Michelle	Pace Eric
Chetcuti Raymond	Piscopo Tonio
Deguara Christopher	Pllaha Elton
Desira Josette	Portanier Mifsud Claude
Dingli Philip	Reichmuth Luise
Esposito Tanya	Saliba Kenneth

Sammut Mark Adrian
Sammut Roberta
Schembri Wismayer Pierre
Sciberras Marique
Sciberras Robert
Sciortino Philip
Sultana Victoria
Tilney Myra
Vassallo Paula

Vella Claire
Vella Norbert
Vella Sandro
Wirth Francesca
Xuereb Clifford
Xuereb Mariosa
Xuereb Robert G
Zammit Christopher
Zarb Adami Joseph

Conference International Faculty

Badimon Lina
Brunelli Michele
Comin-Colet Josep
Fairbairn Timothy
Goy Jean-Jacques
Kalra Paul
Motwani Manish
Moutiris Joseph
Nierich Arno
Shuvy Menashe
Somerville Jane
Troise Giovanni
Volterrani Maurizio
Von Hähling Stephan
Vosloo Susan

Barcelona, Spain
Magdeburg, Germany
Barcelona, Spain
Liverpool, United Kingdom
Lausanne, Switzerland
Portsmouth, United Kingdom
Manchester, United Kingdom
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Health Promotion & Disease Prevention Directorate

Malta College of Family Doctors

Malta Medical Students Association

Malta Resuscitation Council

Mater Dei Hospital

Ministry of Health

University of Malta Faculty of Health Sciences

University of Malta Medical School

DAY 1, 18th October 2018

Training Village

Venue: Catheterisation Suite, Mater Dei Hospital

13:00 Training Village

Chairpersons: *Robert G Xuereb, Andrew Cassar Maempel, Caroline J Magri, Philip Dingli*

13:00 Philips Volcano Masterclass Workshop in Image-Guided Therapy Devices (iFR, IVUS)

DAY 1, 18th October 2018

Cardiology Update for the Family Physician

In collaboration with the Malta College of Family Doctors

Venue: Xara Lodge, Rabat

20:00 Presidents' Opening Address

20:10 MAIN SESSION

Chairpersons: *Philip Sciortino, Robert G Xuereb*

20:10 Cardiology in Malta today: Innovations, Innovations, Innovations
Robert G Xuereb

20:25 How to investigate chest pain
Alex Borg

20:40 Management of Hypertension- Key Guideline Updates
Philip Dingli

20:55 The air we breathe: The impact on cardiovascular disease
Jeremy Fleri-Soler

21:10 ECGs to whet your appetite
Melanie R Burg

21:30 Dinner

DAY 2, 19th October 2018

Main Conference

Venue: Central Auditorium, Mater Dei Hospital, Birkirkara, Malta

07:30 Registration

08:30 Opening Address

Robert G Xuereb, President Maltese Cardiac Society

08:40 Health Minister and Deputy Prime Minister Address

Hon Chris Fearne

08:50 Maltese Cardiac Society Award

08:55 Secretary Speech

Terence Tilney

09:00 SESSION 1: Frontiers in Cardiac Intervention

Chairpersons: *Stephen Von Haeling, Robert G Xuereb, Alex Borg, Andrew Cassar Maempel*

09:00 Mitraclip in acute patients

Menashe Shuvy (Jerusalem, Israel)

09:20 Left Atrial Appendage Closure: What's new?

Jean-Jacques Goy (Lausanne, Switzerland)

09:40 New frontiers in percutaneous valvular interventions

Andrew Cassar

10:00 SESSION 2: Gems in Heart Failure

Chairpersons: *Herbert Felice, Oscar Aquilina, Stephen Fava, Tiziana Felice*

10:00 Wasting in heart failure: From cachexia to sarcopenia
Stephan von Haeling (Göttingen, Germany)

10:20 Optimizing Heart Failure care before hospital discharge
Josep Comin-Colet (Barcelona, Spain)

10:45 Coffee Break, Exhibition & Poster Abstract Session (Appendix 1)

11:05 SESSION 3: Highlights in Neurocardiology

Chairpersons: *Norbert Vella, Rueben Grech, Andrew Cassar, Elton Pllaha*

11:05 AF after stroke: how hard should we look?
Mark Adrian Sammut

11:20 Novel oral anticoagulation in non-valvular AF: Pearls and pitfalls
Alex Gatt

11:35 Should we close PFOs in cryptogenic stroke?
Josanne Aquilina

12:00 SESSION 4: Oral Abstract Session (1)

Chairpersons: *Aaron Casha, Maryanne Caruana, Victor Grech*

12:00 OP1 Prescribing proton pump inhibitors in patients with acute coronary syndrome on dual antiplatelet therapy- a quality improvement project

Julia Tua, Julian Delicata, Maria Farrugia, Maryanne Caruana

12:10 OP2 On or off target? An audit of time in therapeutic range in a cohort of outpatients established on warfarin therapy for atrial fibrillation

Darren Borg, Dillon Mintoff, Jeremy Fleri-Soler, Tiziana Felice, Alex Gatt, Maryanne Caruana

12:20 OP3 Pharmacogenetic testing as a tool in precision medicine for statin therapy

Judith Cerda Inesta, Francesca Wirth, Graziella Zahra, Robert G Xuereb, Christopher Barbara, Anthony Serracino-Ingloft

12:30 OP4 Long-term survival of Maltese patients with repaired secundum atrial septal defects

John Bonello, Maria Farrugia, Sophie Degiorgio, Kyle Cilia, Maryanne Caruana

12:40 OP5 BEAT-IT Project: Screening for causes of sudden cardiac death in Maltese adolescents

Mark Abela, William Camilleri, Jeremy Fleri-Soler, Sara Xuereb, Estelle Abela, Adrian Callus, John Bonello, Maria Farrugia, Lisa Buttigieg, Tiziana Felice, Melanie R Burg, Mark Adrian Sammut, Robert G Xuereb, Michael Papadakis

12:50 OP6 Outcomes of percutaneous left atrial appendage occlusion (LAAO) at Mater Dei Hospital, Malta

Sara Xuereb, Rachel Xuereb, Elton Pllaha, Robert G Xuereb

13:00 Lunch Break, Exhibition, Poster Abstract Session & Moderated Poster Abstract Session

Moderators: *Andrew Cassar Maempel, Caroline J Magri, Philip Dingli*

MP1 Cardiac rehabilitation adherence: Can we help?

Yana Dimech, Mark Abela, Robert G Xuereb

MP2 KCCQ12- a new approach at Heart Failure Clinic

Lisa Buttigieg, Sheldon Attard, Janet Caruana, Alice M Moore, Mark Abela, Robert G Xuereb

MP3 Analysis of ICD therapies in patients with Hypertrophic Cardiomyopathy

Lisa Buttigieg, Melanie R Burg, Tiziana Felice

MP4 A quality assessment in the Maltese population with Brugada syndrome

Melanie R Burg, Maria Farrugia, Christina Borg

MP5 Auditing the follow up of patients with non-AF SVT post ablation

Tiziana Parnis, Melanie R Burg, Mark Adrian Sammut

MP6 CRT- a local audit

Samuel Meilak, Elena Farrugia, Pierre Pace, Mark Adrian Sammut

MP7 Local CIED infection rates: A re-audit

William Camilleri, Darryl Portelli, Eliezer Zahra, Melanie R Burg, Janice Azzopardi, Oscar Aquilina, Mark Adrian Sammut

MP8 A retrospective analysis of ICD therapies in Malta

Lisa Buttigieg, Melanie R Burg, Samuel Bonnici, Samuel Meilak, Mark Adrian Sammut, Oscar Aquilina

14:00 SESSION 5: The Latest in Coronary Hemodynamics

Chairpersons: *Joseph Zarb Adami, Alex Borg, Kenneth Saliba, Luise Reichmuth*

14:00 Doing it with MRI

Manish Motwani (Manchester, United Kingdom)

14:20 Doing it with CT

Timothy Fairbairn (Liverpool, United Kingdom)

14:40 Imaging atherosclerosis in cardiovascular procedures

Arno Nierich (Zwolle, The Netherlands)

15:00 SESSION 6: The Electricians' Corner

Chairpersons: *Robert G Xuereb, Mark Adrian Sammut, Christopher Barbara, Melanie R Burg*

15:00 Catheter ablation of VT in ischaemic cardiomyopathy: Why, when and how?

Michele Brunelli (Magdeburg, Germany)

15:20 Life after (sudden cardiac) death

Tiziana Felice

15:35 Celebrating 60 years of pacing

Oscar Aquilina

15:00 Session 7: Allied Health Session (1)

Location: Lecture Rooms 4 & 5 (First Floor)

Chairpersons: *Michelle Cassar, Roberta Sammut, Samuel Bonnici, Raymond Chetcuti*

15:00 Optimization of beam quality for coronary angiography procedures in interventional paediatric cardiology
Eric Pace

15:15 The use of cardiopulmonary exercise testing (CPET) in cardiac rehabilitation
Clifford Xuereb, Josette Desira, Marilyn Gauci

15:30 Living with a CRT-D device: The journey of Maltese Individuals
Jessica Bugeja

15:45 The efficiency and effectiveness of readmission risk prediction among Maltese patients with congestive heart failure
Michelle Gatt

16:00 SESSION 8: Get up to date with the latest guidelines!

Chairpersons: *Tonio Piscopo, Maria Mallia, David J Camilleri, Emanuel Farrugia, Caroline J Magri, Francesca Wirth*

16:00 Hypertension
Philip Dingli

16:12 NOACs in AF
Jeremy Fleri-Soler

16:24 DAPT in ACS
John Bonello

16:36 Syncope
Samuel Meilak

17:00 Closing Remarks

Robert G Xuereb, President Maltese Cardiac Society

DAY 3, 20th October 2018

Main Conference

Venue: Central Auditorium, Mater Dei Hospital, Birkirkara, Malta

07:15 Registration

08:15 SESSION 9 - Breakfast Session: Heart failure dialogues over breakfast

Supported by Novartis

Chairpersons: *Mariosa Xuereb, Robert Sciberras, Marique Sciberras, Alice May Moore*

08:15 Iron deficiency in heart failure: Risk marker or therapeutic option
Paul Kalra (Portsmouth, United Kingdom)

08:35 From Sacubitril/Valsartan trials to daily use: Time to switch in HFrEF therapy
Maurizio Volterrani (Rome, Italy)

09:00 Chairman Organising Committee Address
Alex Borg

09:10 SESSION 10: Prevention of Cardiovascular Disease

Chairpersons: *Robert G Xuereb, Myra Tilney, Paula Vassallo, Sandro Vella, Christopher Zammit*

09:10 Secondary prevention of coronary artery disease in Cyprus
Joseph Moutiris (Nicosia, Cyprus)

09:30 Dyslipidemia and Cardiovascular Disease
Lina Badimon (Barcelona, Spain)

09:50 Grand round highlight: Smoking cessation, tips for cardiologists
Claire Vella

10:05 SESSION 11: Advances in Valve Disease Surgery

Chairpersons: *Jane Somerville, Walter Busuttill, Gordon Caruana Dingli, Daniela Cassar Demarco*

10:05 Experience of aortic valve replacement with a “sutureless” prosthesis
Giovanni Troise (Brescia, Italy)

10:25 Advances in surgery of congenital and acquired valve disease
Susan Vosloo (Cape Town, South Africa)

10:45 The optimal treatment of aortic stenosis in the intermediate risk patient: the next challenge
Alexander Manche

11:00 Coffee Break, Exhibition & Poster Abstract Session (Appendix 1)

11:20 The Beating Hearts Malta Initiative *Ian Mercieca Bons*
Chairpersons: *Victor Grech, Robert G Xuereb*

11:30 SESSION 12: Heart Disease, from conception to adulthood

Chairpersons: *Susan Vosloo, Yves Muscat Baron, Victor Grech, Maryanne Caruana*

11:30 Congenital heart disease 2018 – EVERYTHING solved?
Jane Somerville (London, United Kingdom)

12:00 Aortopathies: Marfan syndrome and beyond
Maryanne Caruana

12:15 Foetal Echocardiography
Victor Mercieca

12:30 SESSION 13: Oral Abstract Session (2)

Chairpersons: *Aaron Casha, Maryanne Caruana, Victor Grech*

12:30 OP7 Progress report: Familial hypercholesterolaemia in Malta
Myra Tilney

12:40 OP8 Cardiac rehabilitation for heart failure patients - A service long overdue
Lisa Buttigieg, Mark Abela, Joanne Vella, Jeanine Micallef, Raissa Abela, Marilyn Gauci, Josette Desira, Sheldon Attard, Janet Caruana, Alice May Moore, Robert G Xuereb

12:50 OP9 Effects of mineralocorticoid receptor antagonists (MRA) in heart failure patients after up to 12 months of follow-up
Lisa Buttigieg, Julian Delicata, Alice May Moore, Robert G Xuereb

13:00 OP10 Door-to-electrocardiogram time for patients presenting with atraumatic chest pain to the emergency department
Alexander P Grima

13:10 OP11 Investigating the time taken for an electrocardiogram to be performed in the emergency department at Mater Dei Hospital
Luana Formosa, Alexander P Grima, Anna Spiteri

13:20 OP12 A novel study of the trends, triggering factors and outcomes of Takotsubo Cardiomyopathy in Malta
Melanie R Burg, Christian Schembri, Victoria Cremona

13:30 Lunch Break, Exhibition, Poster Abstract Session & Moderated Poster Abstract Session

Moderators: *Andrew Cassar Maempel, Caroline J Magri, Philip Dingli*

MP9 Door to reperfusion time in patients with STEMI presenting to Gozo General Hospital
John Bonello, Victoria Camilleri, Robert G Xuereb

MP10 TAVI outcomes: Comparison to previous years
Rachel Xuereb, Sara Xuereb, Yana Dimech, Sophie Degiorgio, Robert G Xuereb

MP11 Outcomes of percutaneous mitral valve repair at Mater Dei Hospital, Malta
Sara Xuereb, Rachel Xuereb, Elton Pllaha, Robert G Xuereb

MP12 The use of unfractionated heparin in cardiac wards
John Bonello, Daniel Cassar, Maria Farrugia, Robert G Xuereb, Alex Gatt

MP13 Are grown-ups with congenital heart disease any better at keeping outpatient clinic appointments? A local audit
Rachel Xuereb, Maryanne Caruana

MP14 Pulmonary hypertension in patients suffering from connective tissue diseases
Maria Farrugia, Christian Vassallo, Clarissa Zehlicke, John Bonello, Bernard Coleiro

MP15 Audit on the follow-up of incidental extra-cardiac findings detected on cardiac CT
Veronica Aquilina, Luise Reichmuth

MP16 Physiological assessment of coronary artery disease using IFR/FFR
Elton Pllaha, Matthew Mercieca Balbi, Jeremy Fleri Soler, William Camilleri, Andrea Brincat, Elyse Balzan, Diandra Vassallo, Tahira Waheed, Eliezer Zahra

14:00 SESSION 14: Allied Health Session (2)

Location: Lecture Rooms 4 & 5 (First Floor)

Chairpersons: *Tony Agius Decelis, Claude Portanier Mifsud, Victoria Sultana, Martoine Farrugia, Christopher Deguara*

14:00 Unexpected death: The experience of nurses working in a cardiology setting
Christina Grima

14:15 Impact of Heart Failure Clinic on hospital admission rates: local data
Janet Caruana, Sheldon Attard

14:30 Remote monitoring in ICD therapy: Is it really needed?
Samuel Bonnici

14:30 SESSION 15: Keynote Lecture

Chairperson: *Alexander Manche*

14:30 Mitral valve repair: Wide single center experience
Giovanni Troise (Brescia, Italy)

14:55 SESSION 16: A showcase of local cardiovascular research

Chairpersons: *Stephanie Bezzina Wettinger, Pierre Schembri Wismayer, Victor Grech*

14:55 Grown-up congenital heart disease in the Maltese islands
Maryanne Caruana

15:05 Cardiovascular disease and atherosclerosis: novel risk factors and predictors

Caroline Jane Magri

15:15 Newtonian and Non-Newtonian computational fluid dynamics (CFD) simulations of aortic stenosis

Aaron Casha

15:25 Coffee Break, Exhibition & Poster Abstract Session (Appendix 1)

15:45 SESSION 17: Local Updates on CPR

Chairperson: *Andrew Cassar Maempel*

15:45 Updates on resuscitation at Mater Dei Hospital

Tanya Esposito

16:05 SESSION 18: Cardiology Jeopardy Quiz Show

Luise Reichmuth, Melanie R Burg

16:45 Closing remarks and best abstract awards

Robert G Xuereb, President of the Maltese Cardiac Society

17:00 Issuing of participation certificates

Day 4, 21st October 2018

Educational Seminar for Patients and Public

Theme: Preventing Sudden Cardiac Death

Venue: Main Foyer, Catheterization Lab, Cardiac Lab, Ground-floor lecture rooms 1 & 2 (opposite Chapel Entrance), Mater Dei Hospital

09:00-11:00 Open Day

- Visit the Catheterisation Lab (Yellow Zone, Level -1) and Cardiac Lab (Outpatients block, Level 1)

09:00-11:00 Visit the Educational Stands

Venue: Main Foyer

Assess your heart risk stand, courtesy of the Malta Medical Students Association (MMSA) and Cardiac Rehabilitation Department

- Weight, Height, BMI and ideal weight calculation
- Waist circumference
- Blood sugar
- Blood pressure

Public Lectures

Venue: Lecture Rooms 1 & 2

11:00 Cardiac arrest and its association with heart attacks and heart failure

Robert G Xuereb

11:20 Causes of sudden cardiac death and its prevention

Mark Abela

11:40 YOU TOO can save a life- Bystander basic life support

Tanya Esposito

12:00 Refreshments

Abstract Submissions (Appendix 1)

Non-Moderated Posters (Case Reports)

- P1 A case of iatrogenic subclavian artery dissection
Estelle Abela, Tiziana Parnis, Andrew Cassar Maempel, Mark Adrian Sammut
- P2 Case presentation of a complicated mitral valve infective endocarditis
Adrian Callus, Lara Rapa, Karen Anne Cassar
- P3 When three is not a magic number: A case of native triple-valve endocarditis caused by *Streptococcus agalactiae*
Darren Borg, Dillon Mintoff, Daniel Cassar, Julian Delicata, Tiziana Felice, Maryanne Caruana
- P4 A case of cardiac arrest unravelling the cause of multi-organ failure
Maria Farrugia, Sarah Craus, John Bonello, Ritiene Debono
- P5 Now you see it, now you don't: Pulmonary embolism of a large tricuspid valve vegetation
Abigail Mula, Sarah Craus, John Bonello, Maryanne Caruana
- P6 Sinus venosus defect - A case series
Estelle Abela, Luise Reichmuth, Alex Borg, Herbert Felice, Maryanne Caruana
- P7 An unusual case of pre-excitation
Malcolm Mintoff, John Bonello, Alex Borg, Mark Adrian Sammut

International Faculty (Appendix II)



Dr Arno Nierich is a Senior Consultant in Cardiac Anesthesia & Intensive Care at Isala Clinics in Zwolle, The Netherlands. Before joining Isala, he wrote his PhD on the implementation of Off-Pump Cardiac Surgery by the so called Octopus method, at the Utrecht University Medical Center. Dr Nierich earned his MD from Erasmus University in Rotterdam. He obtained his degree of Anesthesiologist and Intensivist at the Free University of Brussels, Belgium. At the Isala Clinics, he developed several research lines with focus on echocardiography, prevention of neurologic damage related to cardiac interventions, and coagulation/transfusion management. He also developed four medical methods and devices related to the improvement of peri-operative care. He was active as the CFO of the Anesthesia Department and Head of Medical Innovation, Isala. In clinical work, he was awarded the Isala Patient Safety Award. Dr Nierich is an active committee member of the Society of Cardiac Anesthesiologists, both in Europe and the USA. His editorial roles include reviewing for the British Medical Journal and more. He is author of over 60 scientific papers, including Circulation and JAMA.

Dr Paul Kalra is a Consultant Cardiologist with specialist interest in heart failure. He has championed local heart failure services; developing an integrated team across primary and secondary care and co-leads the tertiary centre complex device service (ICD and CRT implantation). He has developed and leads a cardiovascular research programme in Portsmouth. Paul is Chair of the British Society for Heart Failure. He co-founded the Cardiorenal Forum, which held its 12th annual meeting in October 2017. Paul Kalra is Chief Investigator for the British Heart Foundation funded 'IRONMAN' study. This is a UK interventional study of intravenous iron in chronic heart failure that will recruit 1300 patients across 80 sites.



Prof Stephan von Hähling is a Consultant Cardiologist and Professor of Metabolic Medicine at the Department of Cardiology and Pneumology at the University Medical Center Göttingen, Germany. He obtained his MD at the Institute of Immunology at Charité Medical School, Berlin, Germany. His PhD was awarded by Imperial College, London, UK after he completed studies into inflammatory mechanisms of heart failure at the National Heart and Lung Institute in London. Prof von Hähling has authored more than 320 original research papers, review articles, and editorials and serves on several editorial boards, including Journal of Cachexia, Sarcopenia and Muscle, ESC Heart Failure, International Journal of Cardiology, Clinical Science, Expert Opinion on Investigational Drugs and Archives of Medical Science. Prof von Hähling is Fellow of the European Society of Cardiology. His research interests include the pathophysiology of heart failure, muscle wasting, biomarkers, and novel treatments.



Prof Jane Somerville is Emeritus Professor at Imperial College, London, and is globally acknowledged as a pioneer for her research into congenital heart disease. She also helped found the field of Grown Up Congenital Heart Disease and founded the World Congress of Pediatric Cardiology.

Dr Susan Vosloo was born in South Africa, and underwent schooling and pre-graduate medical training in Bloemfontein, qualifying in 1980 at the University of the Free State. She started Surgical training in Johannesburg and completed training in Cardiothoracic Surgery at the University of Cape Town, gaining the Fellowship of the College of Surgeons of South Africa and M.Med degree in Cardiothoracic Surgery (UCT) in 1988. Further training in



Congenital and Paediatric Cardiac Surgery was done at the Harley Street Clinic and Great Ormond Street Children's Hospitals in London, UK in 1989 and 1990. She remains up to date by regular attendance of conferences and workshops in her interest fields. She was a full-time surgeon in the Department of Cardiothoracic Surgery at Groote Schuur Hospital, University of Cape Town before starting at the then City Park Hospital in 1991. She currently is in independent private practice at Christiaan Barnard Memorial Hospital. Her professional interests are Transplantation and surgery for congenital heart defects. She remains passionate about education and serves on the University Council of UFS. She is a member of the Steering Committee of the World Congress of Paediatric Cardiology and Cardiac Surgery (hosted in Cape Town in 2013) and was a founder member of World Society for Paediatric and Congenital Heart Surgery, where she currently serves on the Governing Body as well. Susan is married to Anton Ferreira, Specialist Anaesthesiologist and has twin daughters, born in October 2000.

Prof Lina Badimon is the Director of the Cardiovascular Science Program (ICCC) at the Hospital Santa Creu and San Pau, Director of the Cardiovascular Research Chair of the Autonomous University of Barcelona and Director of the UNESCO Chair in Biomedical Sciences Training and Research. She is the Chair of the Advocacy Committee and Board Member 2018-2020 of the European Society of Cardiology. Her research activities focus on cardio-metabolic diseases, thrombosis, atherosclerosis and ischemic heart disease. She has published over 550 articles in highly qualified scientific journals with her work highly quoted in the scientific literature (Citations: 36.945; h-index 75). She has written more of 250 reviews and book chapters. She is Member of Editorial Boards of various international scientific journals. Previous appointments include: Fellow in Cardiovascular Diseases at The Mayo Clinic, Rochester, MN, USA (1981-1983); Director of the Cardiology Basic Research Laboratory of the Division of Cardiology at the Mount Sinai Medical Center, New York, NY (1983-1991); Assistant Professor of Medicine (1983-1987) and Associate Professor of Medicine (1988-1991) at the Mount Sinai School of Medicine, NY; Lecturer in Medicine at Harvard Medical School, Boston (1991-1994); Consultant at the Cardiac Unit, at the Massachusetts General Hospital, Boston (1991-1994). Honorary Appointments: Fellow of the Cardiovascular Science Council and Fellow of the Atherosclerosis, Thrombosis and Vascular Biology Council of the American Heart Association; Fellow of the European Society of Cardiology; Distinguished Fellow of the International Atherosclerosis Society; Honorary Member of Spanish Society of Hypertension, of the Romanian Society of Hypertension, of Hungarian Society of Cardiology and Spanish Society of Arteriosclerosis. She has received the “Narcís Monturiol” (1993) and “Creu de Sant Jordi” (2004) Medals from Generalitat de Catalunya; the “Rey Jaime I” Award – Medical Research (2014) from Generalitat Valenciana and named Doctor Honoris Causa by the Carol Davila University of Medicine and Pharmacy, Romania (2015).



Dr Menashe Shuvy was trained in internal Medicine and Cardiology at Hadassah Medical Center in Israel, and conducted several research projects at the Hebrew University in Jerusalem. His research focuses on the pathogenesis of aortic valve calcification. He completed two years of clinical and research fellowship in Interventional Cardiology at



Sunnybrook Hospital, Toronto, Canada and currently, he is a senior physician at the Heart Institute at Hadassah medical center and head of the Cardiovascular Research Center. His clinical focus is mitral valve percutaneous intervention, he leads the program at Hadassah hospital and he recently established the national Israeli Mitraclip registry.



Dr Timothy Fairbairn is a Consultant Cardiologist sub-specialising in cardiovascular imaging at Liverpool Heart and Chest Hospital. Graduating in medicine from the University of Manchester his cardiology training was in the North of England, completing his PhD studies at the University of Leeds and an International Fellowship at Toronto

General Hospital, Canada. He practices in advanced echocardiography, cardiac MRI and cardiac CT. His clinical and research interests include coronary artery disease, aortic valve disease, and inherited cardiac conditions. He has worked to introduce CCTA as the first line diagnostic test for stable chest pain in the UK and is a member of the NICE Adoption and Impact Programme Reference Panel.

Prof Maurizio Volterrani is Director of the Cardiology Unit at IRCCS San Raffele Pisana, Rome (Since 2004). He is also full professor in Sport Science (Italian National Scientific Qualification (ASN), Member of the Board of the HFA (Heart Failure Association) of the European Society of Cardiology (ESC), Coordinator of the Exercise and Training Committee of the Heart Failure Association (HFA) of the European Society of Cardiology (ESC), co-coordinator of the Registry and Epidemiology Committee of the Heart Failure Association (HFA) of the European Society of Cardiology (ESC), Italian National Coordinator of the Relax-AHF European study. European SAG-Expert for EMA (Scientific Advisor Group- European Medicine Agency) among other positions. He is author of over 200 articles and holds editorial positions for several journals including the European Journal of Heart Failure (Associate Editor).



Dr Giovanni Troise is Director of the Cardiac Surgery Unit at Poliambulanza Hospital Foundation in Brescia (Italy), Institution accredited by Joint Commission International for its highest safety standards. He is also adjunct professor of the Faculty of Medicine of the Catholic University, for the degree program in nursing at the headquarters of Brescia, and for high graduate school in cardiac surgery at the headquarters of Rome. He is an active member of the Italian Society for Cardiac Surgery (SICCH), European Association for Cardio-Thoracic Surgery (EACTS), and Associazione Nazionale Medici Cardiologi Ospedalieri (ANMCO). He has large experience in off-pump coronary surgery (90% of CABG procedures in the unit he directs are performed without CPB), mitral valve repair surgery (including the minimally invasive approach), as well as “sutureless” aortic prosthesis. He was the first surgeon to implant Perceval prosthesis in Italy.

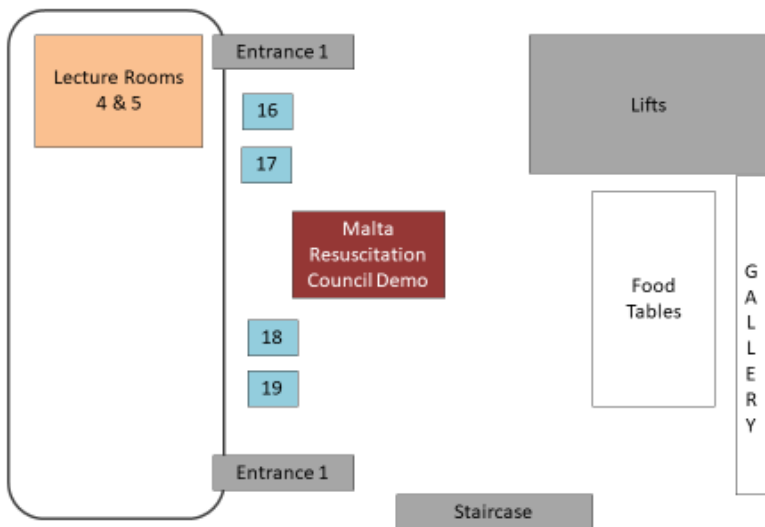
Prof Josep Comin-Colet is head of the Heart Failure Section at the Department of Cardiology and Director of the Heart Failure Program at the Hospital del Mar (University Hospital Barcelona, Spain). He is also a member of the Heart Failure Association of the European Society of Cardiology and Advisor to the Ministry of Health of the Government of Catalonia for organization



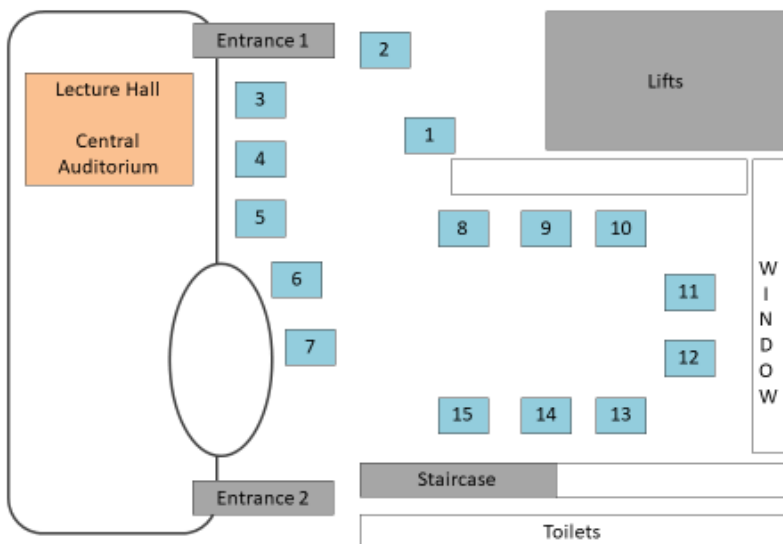
of care of patients with chronic conditions. Currently, he is Director of the South Metropolitan Barcelona Integrated Heart Failure Program and Clinical Director of the Community Heart Failure Unit and Head of the Chronic Heart Failure Section at the Department of Cardiology, Bellvitge University Hospital, Hospitalet de Llobregat (Barcelona, Spain). Since 2016, he has been Investigator of the Heart Diseases Biomedical Research Group at the Hospital del Mar Medical Research Institute (IMIM) in Barcelona and Investigator at the Cardiovascular Diseases Research Group at the Bellvitge Biomedical Research Institute, Hospitalet, Barcelona. He has given more than 200 invited lectures in courses, conferences and symposia nationally and internationally, and published more than 150 articles published in international journals of medicine and cardiology such as The New England Journal of Medicine, Circulation, JACC Heart Failure, European Heart Journal, European Journal of Heart Failure, Circulation Heart Failure, American Heart Journal, Heart, International Journal of Cardiology, American Journal of Cardiology.

Exhibition Halls (Appendix III)

Corporate Partner Stands – 1st Floor



Corporate Partner Stands – 3rd Floor



Corporate Partners (Appendix IV)

Platinum

Novartis	1
AM Mangion Ltd / Menarini	2
Umana Medical Technologies	3
Bayer	4
Charles Degiorgio / Abbott	5
Servier / GaleaPharma	6
Philips / Triomed	7
Drugsales Ltd	8
ATG / Volcano / Terumo	14

Gold

Charles Degiorgio / Phadisco Surveal	9
Associated Equipment	10
Astrazeneca	11
Suratek / Canon / Toshiba / Sonovue / TLD	12
Vivian Corporation / Pfizer	13
Technoline Ltd / Cardia	15

Silver

VJ Salomone / Pfizer	16
Jamesco / Esaote / Boston Scientific	19

Bronze

ProHealth	17
Sanofi Aventis / Genzyme	18



Open day - 21st October 2018

Mater Dei Hospital, Main Foyer- 09:00 am - 12:00

Open to the general public - Free entrance

Beating sudden cardiac death together



BP Monitoring

PUBLIC LECTURES IN SEMINAR ROOMS 1 & 2
(opposite to chapel) **Starting at 11:00 am**



BMI

DR. ROBERT G. XUEREB:
Cardiac Arrest and its association with Heart Attacks and Heart Failure



Blood Sugar

DR. MARK ABELA:
Causes of Sudden Cardiac Death and its Prevention



Cholesterol

DR. TANYA ESPOSITO:
YOU TOO can save a life - Bystander Basic Life Support



Educational talks

PRACTIAL SESSION
Demo - CPR (Cardiopulmonary Resuscitation).

Refreshments will be served following the lectures.



Visit the Cardiac Lab. (Outpatients Block, Level 1) & Cardiac Catheterisation Lab. (Yellow zone, Level -1)





**Maltese Cardiac Society
Conference 2019**