

WG Cell Biology of the heart Nucleus 2018-2020 composition

Nucleus Member Role	Start mandate	End mandate	First Name	Last Name	Country of Work
Chairperson	01/09/2018	31/08/2020	Rosalinda	Madonna	Italy
Vice-Chairperson & Secretary	01/09/2018	31/08/2020	Sean Michael	Davidson	United Kingdom
Past-Chairperson & Treasurer	01/09/2018	31/08/2020	Joost	Sluijter	Netherlands
Ordinary nucleus member	01/09/2016	31/08/2020	Michael	Marber	United Kingdom
Ordinary nucleus member	01/09/2016	31/08/2020	Hans Erik	Botker	Denmark
Ordinary nucleus member	01/09/2018	31/08/2022	Mariann	Gyongyosi	Austria
Ordinary nucleus member	01/09/2018	31/08/2022	Bianca	Brundel	Netherlands
Ordinary nucleus member	01/09/2016	31/08/2020	Sophie	Van Linthout	Germany
Ordinary nucleus member	01/09/2016	31/08/2020	Jean-Sebastien	Hulot	France
Ordinary nucleus member	01/09/2018	31/08/2022	Henrique	Girao	Portugal
Ordinary nucleus member	01/09/2018	31/08/2022	Maurizio	Pesce	Italy
Ordinary nucleus member	01/09/2018	31/08/2022	Sabine	Steffens	Germany
Ex-Officio	01/09/2018	31/08/2020	Peter	Ferdinandy	Hungary
Ex-Officio	01/09/2018	31/08/2020	Cinzia	Perrino	Italy
Ex-Officio	01/09/2018	31/08/2020	Sandrine	Lecour	South Africa
Affiliated Members	01/09/2018	31/08/2020	Rainer	Schulz	Germany
Affiliated Members	01/09/2018	31/08/2020	Can	Tepekoylu	Austria

Activities done in 2019

Education

Organization and scientific committee of the biennial joint meeting with Myocardial Function Working Group, held in Naples, May 9-11 2019

Organization and scientific committee of the 4^o Annual Workshop in collaboration with the South African Society for Cardiovascular Research (SASCAR), April 2019

Organization and scientific committee of the Summer School of the Council on Basic Cardiovascular Science: 16-20 June 2019

Participation in the FCVB meeting 2020: 24-26 April 2020

Participation in the ESC Working Group on Cardiovascular Regenerative and Reparative Medicine retreat meeting on «Emerging and classical products for cardiovascular repair”: 29-30 November 2018, Brussel

Pre-scope for ESC Congress 2020 (6 session proposals submitted)

WOMEN IN ESC: selection and grading process for the Women Transforming Leadership Programme

Research & publications

Position paper published in 2019

EDITOR'S CHOICE: ESC Working Group on Cellular Biology of the Heart: position paper for Cardiovascular Research: tissue engineering strategies combined with cell therapies for cardiac repair in ischaemic heart disease and heart failure (R Madonna et. al doi doi: 10.1093/cvr/cvz010), published 17 January 2019 in Cardiovascular Research

Perspectives on Directions and Priorities for Future Preclinical Studies in Regenerative Medicine (Grigorian Shamagian L, Madonna R, Taylor D, Climent AM, Prosper F, Bras-Rosario L, Bayes-Genis A, Ferdinandy P, Fernández-Avilés F, Izpisua Belmonte JC, Fuster V, Bolli R. Circ Res. 2019 Mar 15;124(6):938-951. doi: 10.1161/CIRCRESAHA.118.313795.

In collaboration with: CARE-ESC Working Group and TACTICS (Translational Alliance for Regenerative Therapies in Cardiovascular Syndromes)

Position papers and review papers submitted in 2019-2020 and under peer-review:

1. *Position Paper and Recommendations of the ESC Working Group on Cellular Biology of the Heart: Improving Translational Research in Sex-specific Effects of Comorbidities in Ischemic Heart Disease (C Perrino et. al), submitted to CVR*
2. *ESC Joint Working Group on Cellular Biology of the Heart and European Association of Percutaneous Cardiovascular Interventions Position Paper: Procedural Myocardial Injury and Infarction Associated with Percutaneous Coronary Intervention (D Hausenloy et. al), submitted to EHJ*
3. Review paper: Stimulating pro-reparative immune responses to prevent adverse cardiac remodelling: An update from the joint 2019 meeting of the ESC Working Groups of Cellular Biology of the heart and Myocardial Function, submitted to CVR
4. *Review paper: Cardiac ageing and cardioprotection: Update from the ESC Working Groups Cell Biology of the Heart and Myocardial Function, submitted to CVR*

Activities ongoing in 2020

2021 Biennial joint meeting with WG Myocardial Function

- Naples may 2021

5th EU-SA Cardiovascular Research Workshop

- South Africa 2021

Scientific documents in writing:

1. Position paper in writing: Circadian rhythm aspects for improving the assessment of novel cardioprotective and regenerative therapies / therapies in ischaemic heart disease (leaded by Van Laake/Lecour, for EHJ)
2. Opinion paper: Mechanotransduction and heart fibrosis (leaded by Pesce/Van Linthout, for CVR)
3. Consensus document of the ESC Working Group on Cardiovascular Regenerative and Reparative Medicine and Cell Biology of the heart: Insights into therapeutic products, preclinical research models and clinical trials in cardiac regenerative and reparative medicine: where are we now and the way ahead.

Awards and bursaries in 2019 and 2020

2 travel grants for the 2019 Summer School of the Council on Basic Cardiovascular

2 travel grants for the FCVB 2020