



BWG-BRC - Virtual Meeting - 9th June 2021

Programme

13.00 Welcome

13.05 **Jolanda van Hengel**, (UGhent),

Induced pluripotent stem cell-derived cardiomyocytes to study the pathophysiological mechanisms of arrhythmogenic cardiomyopathy

13.35 **Gilles De Keulenaer**, (UAntwerpen),

Cardiovascular disease and cancer are linked through the NRG1/ERBB3 signaling system

14.05 Break

14.20 Short oral communications (5 min + 3 min Q/A)

Margo Daems (Centre for Molecular and Vascular Biology, KU Leuven)

SARS-CoV-2 infection leads to cardiomyocyte swelling, cardiac pericyte loss, increased permeability, and diastolic dysfunction in a hamster model

Esteban Diaz Villamil (IRIBHM, ULB)

Role of the P2Y2 receptor in the potential therapeutic use of cardiac adipose-derived stem cells (cASCs) on post-ischemic heart revascularization

Ilse Van Gucht (Center of Medical Genetics, UAntwerpen)

The first human importin- β -related disorder: syndromic thoracic aortic aneurysm caused by bi-allelic loss-of-function variants in IPO8

Nathalie Donis (Laboratory of Cardiology, GIGA Institute, University of Liège)

Regular dietary intake of palmitate causes vascular and valvular calcification in a rabbit model

Paolo Carai (Department of Cardiovasc Sci., KU Leuven)

AAV9-mediated functional screening for cardioprotective cytokines in Cocksackievirus-B3-induced myocarditis

15.00 Break

15.20 Short oral communications (5 min + 3 min Q/A)

Hanne Boen (Research group Cardiovascular Diseases, UAntwerpen)

Genetic predisposition for the development of anthracycline-induced cardiotoxicity

Dongmei Wei (Studies Coordinating Centre, KU Leuven)

Novel Proteomic Signature for Cardiac Allograft Vasculopathy

Geraldine Hubesch (Laboratoire de Physiologie et Pharmacologie, ULB)

Obesity-prone rats fed with high fat diet as a model of HFpEF

Konstantinos Chatzieftheriadis (Department of Cardiovasc Sci., KU Leuven)

The euchromatic histone-lysine N-methyltransferases EHMT1/2 suppress post-natal cardiomyocyte proliferation via histone 3 lysine 9 (H3K9) demethylation

Matthias Van Impe (UGhent)

Zebrafish can complement mice as a valuable model for cardiovascular disease: blood flow dynamics modelling based on high-frequency ultrasound and synchrotron imaging is feasible

16.00 Voting online for the best short oral presentation – Result and Award

16.05 Closure

To register please follow this link : [Meeting registration](#)