

HFA Winter Research Meeting on Translational Heart Failure 2023

In collaboration with the ESC Working Group on Myocardial Function

15 – 18 March 2023 – Les Diablerets, Switzerland

Programme

This programme is subject to change according to the latest news.

Wednesday 15 March: Welcome drink at the Hotel from 20:00

Day 1 – Thursday 16 March

08:00 - 08:15	Inaugural session <i>Thomas Thum (Hannover, DE), Giuseppe M C Rosano (London, GB), Dirk Brutsaert (Antwerp, BE)</i>	15 min
08:15 - 09:45	How to avoid translational failures: sometimes it's not only science <i>Gianluigi Savarese (Stockholm, SE), Giuseppe M C Rosano (London, GB)</i>	90 min
08:15 - 08:37	Patent or perish <i>Piero Pollesello (Espoo, FI)</i>	22 min
08:37 - 09:00	See early signs to avoid problems in the clinical stage <i>Zoltan Papp (Debrecen, HU)</i>	23 min
09:00 - 09:22	And at the end it's getting all regulatory <i>Giuseppe M C Rosano (London, GB)</i>	22 min
09:22 - 09:45	RNA-therapeutics for the failing heart <i>Peter Van Der Meer (Groningen, NL)</i>	23 min
09:45 - 10:15	Coffee Break	30 min
10:15 - 11:45	Cellular senescence as a cause and a therapeutic target in heart failure <i>Wolfgang Linke (Muenster, DE), Thomas Thum (Hannover, DE)</i>	90 min
10:15 - 10:37	Cellular senescence: from mechanisms to therapeutics <i>Marco Demaria (Groningen, NL)</i>	22 min
10:37 - 11:00	Senescence of cardiomyocytes <i>Gavin Richardson (Newcastle Upon Tyne, GB)</i>	22 min
11:00 - 11:25	Senescence and cardiotoxicity from anticancer drugs <i>Pietro Ameri (Genoa, IT)</i>	25 min
11:25 - 11:45	Circadian clock in heart failure/regeneration <i>Linda Van Laake (Utrecht, NL)</i>	20 min



11:50	Group Picture	
12:00 - 13:00	Lunch at the Hotel	60 min
16:00 - 17:20	Epigenetic targets of cardiovascular disease-from mechanism to therapy <i>Katrin Streckfuss-Boemeke (Goettingen, DE), Basil Lewis (Haifa, IL)</i>	80 min
16:00 - 16:20	Role of RNAs in heart and brain diseases <i>Yvan Devaux (Luxembourg, LU)</i>	20 min
16:20 - 16:40	A novel circulating microRNA for the detection of acute myocarditis <i>Pilar Martin (Madrid, ES)</i>	20 min
16:40 - 17:00	HDAC inhibition regulates cardiac function by increasing myofilament calcium sensitivity and decreasing diastolic tension <i>Peter Rainer (Graz, AT)</i>	20 min
17:00 - 17:20	Non coding RNAs - the path to first in man study <i>Thomas Thum (Hannover, DE)</i>	20 min
17:30 - 18:30	Young Investigator Award Session	60 min
17:30 - 19:30	Poster Session	120 min
20:00 - 22:00	Dinner at the hotel	



Day 2 – Friday 17 March

08:00 - 09:45	Recent highlights on the road towards endogenous cardiac regeneration <i>Jean-Sebastien Hulot (Paris, FR), Linda Van Laake (Utrecht, NL)</i>	105 min
08:00 - 08:26	MicroRNAs and other secreted factors in control of cardiac regeneration <i>Serena Zacchigna (Trieste, IT)</i>	26 min
08:26 - 08:52	The influence of T-cells on cardiac regeneration after myocardial infarction <i>Bernhard Johannes Haubner (Zurich, CH)</i>	26 min
08:52 - 09:18	The therapeutic potential of telomerase in cardioprotection and regeneration <i>Christian Bar (Hannover, DE)</i>	26 min
09:18 – 09:45	Endothelial contribution to cardiac regeneration <i>Mairi Brittan (Edinburgh, GB)</i>	27 min
09:45 - 10:15	Coffee Break	30 min
10:15 - 11:45	Multi-omics for personalised medicine <i>Dana Dawson (Aberdeen, GB), Gabriele Giacomo Schiattarella (Berlin, DE)</i>	90 min
10:15 - 10:37	Phenoclustering and multi-omics in dilated cardiomyopathy <i>Stephane Heymans (Maastricht, NL)</i>	22 min
10:37 - 11:00	Genomics in cardiomyopathies, from risk to therapy <i>Norbert Huebner (Berlin, DE)</i>	23 min
11:00 - 11:22	Proteomics and extracellular matrix targets <i>Manuel Mayr (London, GB)</i>	22 min
11:22 - 11:45	Integrating multilevel clinical, biomarkers and imaging <i>Rudolf De Boer (Rotterdam, NL)</i>	23 min
17:00 - 17:30	Coffee Break	30 min
17:30 - 19:00	Keynote lectures <i>Thomas Thum (Hannover, DE); Ines Falcao-Pires (Porto, PT)</i>	90 min
17:30 - 17:50	Guido Tarone Award - Engineered adeno-associated viral vectors with an improved in vivo targeting of cardiac fibroblasts <i>Sonja Gross (Hannover, DE)</i>	20 min
17:50 - 18:30	Brutsaert Lecture - Advanced therapeutics for cardiac repair and regeneration <i>Mauro Giacca (London, GB)</i>	40 min
18:30 - 19:00	Key Lecture: From academia to industry to entrepreneurship <i>Michael Mendelsohn (Boston, US)</i>	30 min
20:00 - 22:00	Dinner at the hotel Announcement of the YIA winners	



Day 3 – Saturday 18 March

08:30 - 10:15	Understanding the cardiovascular effects of SGLT2 inhibitors <i>Dana Dawson (Aberdeen, UK)</i>	105 min
08:30 - 08:56	It is a renal effect <i>Gianluigi Savarese (Stockholm, SE)</i>	26 min
08:56 - 09:22	It is a metabolic effect <i>Christoph Maack (Wuerzburg, DE)</i>	26 min
09:22 - 09:48	It is due to NHE blockade at the cardiomyocyte <i>Oriol Iborra Egea (Badalona, ES)</i>	26 min
09:48 - 10:15	From early development to confirmation in humans: the long road to drug development <i>Scott Solomon (Boston, US)</i>	27 min
10:15 - 10:30	Coffee Break	30 min
10:30 - 12:00	Precision medicine: gene editing - RNA therapeutics and the first steps in the clinic <i>Arantxa Gonzalez Miqueo (Pamplona, ES) - Sophie Van Linthout (Berlin, DE)</i>	90 min
10:30 - 10:52	Autophagy and nutrients deprivation therapy in HF <i>Milton Packer (Dallas, USA)</i>	22 min
10:52 - 11:15	Gene therapy approaches in large animal models of cardiomyopathy <i>Christian Kupatt (Munich, DE)</i>	23 min
11:15 - 11:37	Therapeutic benefit of PKP2 restoration in arrhythmogenic cardiomyopathy <i>Eva Van Rooij (Utrecht, NL)</i>	22 min
11:37 - 12:00	In vivo gene editing for ATTR cardiomyopathy - first in human trial <i>Marianna Fontana (London, GB)</i>	23 min
12:00 - 13:00	Lunch at the Hotel	60 min
13:00	Free shuttle to Geneva Airport	