

## Tackling metabolic alterations in heart failure

Management Committee Meeting #2

Antalya, Turkey

March 18-21, 2024

### Monday, March 18

Travel; Evening: reception; potentially short core group meeting

### Tuesday, March 19

08:30 – 09:30 **MC Meeting** – Introduction of the Action, STSMs, training school, budget.

09:30 – 10:30 **Poster session** with coffee (**Part I**; MCs show their research portfolios)

#### 10:30 – 12:00 **Substrate and intermediary metabolism in failing cardiac myocytes (WG 1)**

Chairs: Belma Turan (TR) & Coert Zuurbier (NL)

10:30 – 10:50 **Mathias Mericskay** (FR): Introduction to the scope of Working Group 1  
10:50 – 11:05 **Lisa Heather** (UK): Dysregulated metabolite signaling in the diabetic heart  
11:05 – 11:20 **Gabriele G. Schiattarella** (DE): PTMs in HFpEF: Mechanisms and Significance  
11:20 – 11:35 **Antigone Lazou** (GR): PPAR signaling in cardiovascular disease  
11:35 – 12:00 Discussion

12:00 – 13:00 **Poster session (Part II)**; MCs show their research portfolios)

13:00 – 14:00 Lunch

#### 14:00 – 15:30 **Metabolic impact of (coronary) vascular dysfunction (WG 2)**

Chairs: Gemma Vilahur (ES) & Petra Kleinbongard (DE)

14:00 – 14:20 **Luca Liberale** (IT): Introduction to the scope of Working Group 2  
14:20 – 14:35 **Gerd Heusch** (DE): Coronary microvascular injury from ischemia/reperfusion  
14:35 – 14:50 **Bruno Podesser** (AT): Clinical manifestation of microembolisation  
14:50 – 15:05 **Johanna Reiner** (AT): SGLT2-inhibitors in experimental cardioplegic arrest  
15:05 – 15:20 **Erich Gnaiger** (AT): Impact of hypoxia on mitochondrial function  
15:20 – 15:30 Discussion

15:30 – 16:30 Coffee break with posters (**Part III**; YRI Scientific Session)

#### 16:30 – 18:00 **Immunometabolism (WG 3)**

Chairs: Gemma Vilahur (ES), Ioanna Andreadou (GR)

16:30 – 16:40 **Gemma Vilahur** (ES): Introduction to the scope of Working Group 3  
16:40 – 17:00 **Edoardo Bertero** (IT): Immuno-metabolic interfaces in cardiovascular diseases  
17:00 – 17:15 **Christophe Beauloye** (BE): Metabolic disorders & the cardiac inflammatory-fibrosis axis  
17:15 – 17:30 **Ebba Brakenhielm** (FR): Role of innate immune cells in heart failure progression  
17:30 – 17:45 **Stefan Chlopicki** (PL): Imaging endothelial dysfunction  
17:45 – 18:00 Discussion

20:00 Dinner

## Wednesday, March 20

### 08:30 – 10:00 **Mechano-energetic uncoupling and mitochondrial redox alterations (WG 4)**

Chairs: Simon Sedej (AT), Jolanda van der Velden (NL)

08:30 – 08:40	<b>Dunja Aksentijevic</b> (UK):	Introduction to the scope of WG4
08:40 – 08:55	<b>Marko Vendelin</b> (EST):	Technologies to probe mechano-energetic coupling
08:55 – 09:10	<b>Melanie Paillard</b> (FR):	Reticulum-mitochondria Interactions
09:10 – 09:25	<b>Nina Kaludercic</b> (IT):	Mitochondrial redox and reactive oxygen species
09:25 – 09:40	<b>Jeremy Fauconnier</b> (FR):	Mitochondrial Ca <sup>2+</sup> uptake and arrhythmias
09:40 – 10:00		Discussion

10:00 – 11:00 Coffee break with posters (**Part IV**; MCs show their research portfolios)

### 11:00 – 12:30 **Dissemination and communication (WG 5)**

Chairs: Inês Falcão-Pires (PT), Melanie Paillard (FR), Ebba Brakenhielm (FR)

11:00 – 11:20 **George Kararigas (IS), Ioanna Andreadou (GR)**: Dissemination and Communication – previous experience from COST Actions (5+5 each)

11:20 – 12:15 **Inês Falcão-Pires (PT), Melanie Paillard (FR), Christoph Maack (DE)**

Work in progress in WG 5, including:

- 1) Science Communication Plan
- 2) New logo
- 3) Pilot of the website
- 4) Manuscripts to write

12:15 – 12:30 **Marie Allen Schröder & Christoph Maack:**

Platform/portfolio to communicate with companies

12:30 – 13:30 Lunch

13:30 – 15:00 **Core group Meeting**

15:00 – 16:00 **MC Wrap up and outlook**

16:00 – 19:30 **Excursion**

20:00 Dinner

## Thursday, March 21

Departure

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**Location:** Miracle Hotel, Güzeloba Mah. Yaşar Sobutay Bulvarı No:34 Lara / Antalya, Turkey

### Zoom-Links:

**Tuesday, March 19<sup>th</sup>, 2024**

<https://ukw-de.zoom.us/j/97505408303?pwd=UjZhOHpjb00xekJBeXRPMWITQzArdz09>

Meeting-ID: 975 0540 8303; Kenncode: 273437

**Wednesday, March 20<sup>th</sup>, 2024**

<https://ukw-de.zoom.us/j/99184293667?pwd=aElWbWw3Y2VtcidjMWI0NXpzdFVMZz09>

Meeting-ID: 991 8429 3667; Kenncode: 534325