



EU-CardioRNA

8th meeting of the EU-CardioRNA COST Action, Pavia, Italy, on May 25 – 27 2021

VENUE

Centro Congressi ICS Maugeri - ICS Maugeri Congress Centre
Maugeri Hall - 1st floor
Via Salvatore Maugeri, 6, 27100 Pavia - Italy



Organizing Committee:

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First day, Wednesday May 25

Morning

MC meeting				
duration	Starts	Type of talk/activity	participants	
90	09:30	MC meeting	Only MC members	
8th meeting of the EU-CardioRNA COST Action				
duration	Starts	Type of talk/activity	speaker	Title
10	11:00	welcome	Walter Ricciardi	
20	11:10	introduction	Yvan/Carlo/Fabio	
10	11:30	WG1 update	Fabio Martelli	
10	11:40	WG2 update	Louise Torp Dalgaard	
10	11:50	WG3 update	Monika Stoll	
10	12:00	WG4 update	Emma Robinson (remote presentation)	
	Session title	Introductory lecture		Chair: Carlo Gaetano
50	12:10	Introductory lecture	Silvia Priori	RNA therapy for cardiac arrhythmia
90	13:00	Light lunch and interactions		

Afternoon

	Session title	CardioRNA: past and future activities		Chairs: Fabio Martelli Louise Torp Dalgaard
duration	Starts	Type of talk/activity	speaker	title
15	14:30	Short talk	Dimitris Kardassis & Louise Torp Dalgaard	Reports on the cardioRNA training activities
15	14:45	Short talk	Kyriacos Felekis & Christos Papaneophytou	Next stop for cardioRNA: University of Nicosia, Cyprus?

10	15:00	Short talk	Bogdan Preda	New initiatives from the ECIs
	Session title	Molecular mechanisms of CVD I		Chairs: Fabio Martelli Louise Torp Dalgaard
duration	Starts	Type of talk/activity	speaker	title
30	15:10	Invited talk	Francesco Paneni	Epigenetics of cardiometabolic dysfunction
30	15:40	Invited talk	Lars Maegdefessel	LncRNAs in atherosclerosis
50	16:10	Lecture	Gianluigi Condorelli	Epigenetics and lncRNAs in cardiac hypertrophy and failure: a tight link
30	17:00	Coffee break		
	Session title	Emerging therapeutics & cardioRNA events		Chairs: Yvan Devaux Thierry Pedrazzini
duration	Starts	Type of talk/activity	speaker	title
30	17:30	Invited talk	Daniel Blessing	Reprogramming the Regulatory Genomes RNA – Targeting disease causing cell-states in the right place, time & way
30	18:00	Invited talk	Yael Nossent	Methodological considerations of epitranscriptomic research
15	18:30	Short talk	Bilge TUNA GÜVENÇ'	Targeted Delivery of Atorvastatin by Aptamer Gated Silica Nanoparticles in Atherosclerosis Cell Culture Model
135	18:45-21:00	Light dinner and poster session		

Second day, Thursday May 26

Morning

	Session title	Molecular mechanisms of CVD II		Chairs: Susana Novella Morten Høydal
duration	Starts	Type of talk/activity	speaker	title
10	9:00	Introduction	Yvan/Carlo/Fabio	

50	9:10	Lecture	Giancarlo Forte	Transcriptomics of mechanosensing in the heart
30	10:00	Local host talk	Carlo Gaetano	DNA methylation analysis defines a cardiac specific bioblock
15	10:30	Short talk	Germana Zaccagnini	Role of hypoxia-induced miR210 in inflammation and fibrosis
15	10:45	Short talk	George Kararigas	Gender and CVD
30	11:00	Coffee break		
90	11:30	Parallel round tables pre-registration required	RT1: Dimitra Dafou RT2: Miron Sopic RT3: Amela Jusic	RT1: heart/brain epitranscriptomics RT2: Transcriptomics of atherosclerosis RT3: Mitochondrial RNAs
90	13:00	Light lunch and interaction		

Afternoon

	Session title	Communication and dissemination strategies		Chair: Ines Potočnjak
duration	Starts	Type of talk/activity	speaker	title
60	14:30	Lecture	George Valiotis	Trust and citizen's empowerment in scientific communication and dissemination
	15:30-22	Social activity and dinner		Guided tour of Pavia, aperitif and pizza

Third day, Friday May 27

Morning

	Session title	Computational biology		Monika Stoll David de Gonzalo Calvo
duration	Starts	Type of talk/activity	speaker	title
10	9:00	Introduction	Yvan/Carlo/Fabio	

30	9:10	Invited talk	Christoph Dieterich	Machine learning/deep learning methods in cardiovascular disease
30	9:40	Invited talk	Artemis Hatzigeorgiou	In silico miRNA target prediction and function analysis using machine learning
30	10:10	Invited talk	Kanita Karaduzovic-Hadziabdic & Bence Agg	Updates on the EU CARDIORNA cohort inventory web site
30	10:40	Coffee break		
	Session title	Molecular mechanisms of CVD III and Farewell lecture		Dimitris Beis Costanza Emanuelli
15	11:10	Short talk	Blanche Schroen	Platelet functions in HFpEF
10	11:25	STSM recipient report	Marta Furtado	Alternative splicing in cardiac disease: an analysis of splicing events in a rat model of acute myocardial infarction
10	11:35	STSM recipient report	Teodora Barbalata	Analysis of long non-coding RNAs (LIPCAR) distribution in human blood compartments
15	11:45	2x STSM recipient report	Miguel Lino	Engineered extracellular vesicles targeting the ischemic myocardium
15	12:00	2x STSM recipient report, <u>remote presentation</u>	Roman Tikhomirov	miRNA-27b-5p—induces human cardiac fibroblasts differentiation into myofibroblasts by targeting EGLN1 <i>in vitro</i>
50	12:15	Farewell lecture	Barbara Casadei	Fortune sides with those who dare
15	13:05	Best poster awards + Conclusions	Yvan/Carlo/Fabio	
	13:20	Lunch box		

NOTES:

Presentations

50 min time slots: 35 min presentation, 15 min speaker introduction & discussion

30 min time slots: 20 min presentation, 10 min speaker introduction & discussion

15 min time slots: 10 min presentation, 5 min speaker introduction & discussion

10 min time slots: 5 min presentation, 5 min speaker introduction & discussion

Parallel round tables.

Pre-registration is required to participate to the round tables. Please, communicate your participation to the round tables chairs and to me (fabio.martelli@grupposandonato.it) by May 11

RT1: Dimitra Dafou (dafoud@bio.auth.gr)

RT2: Miron Sopic (miron.sopic@pharmacy.bg.ac.rs)

RT3: Amela Jusic (Amela.Jusic@lih.lu)

Social activity

The activity will consist of:

- Sightseeing tour in Pavia;
- Drink & snack at Vigoni traditional pastry shop;
- Dinner in Pavia in a traditional restaurant pizzeria in the city centre.

Participation: € 50.