

| CardioRNA LIVE! Reboot | | | | | | |
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| Day | Duration (min) | Time (CEST) | Agenda | Title | Speaker | Affiliation |
| | 60 | 14:00 - 15:00 | Management Committee meeting only | Progress of the Action and Working Groups | Chair, Vice Chair, Project Manager, Grant Holder, WG Leaders, | |
| Monday 5 July 2021 | 10 | 15:00 - 15:10 | Welcome and introduction | Welcome and Introduction | Yvan Devaux | Luxembourg Institute of Health, Cardiovascular Research Unit, Luxembourg |
| | Working Groups updates | | | | | |
| | 5 | 15:10 - 15:15 | WG update | Updates in WG1 | Fabio Martelli | IRCCS Policlinico San Donato, Italy |
| | 5 | 15:15 - 15:20 | WG update | Updates in WG2 | David de Gonzalo Calvo | Biomedical Research Institute of Lleida, Spain |
| | 5 | 15:20 - 15:25 | WG update | Updates in WG3 | Kanita Karaduzovic-Hadziabdic | International University of Sarajevo · Faculty of Engineering and Natural Sciences, Bosnia Herzegovina |
| | 5 | 15:25 - 15:30 | WG update | Updates in WG4 | Emma Robinson | Anschutz Medical campus, University of Colorado, Denver, United States |
| | Session 1: Chair Costanza Emanuelli, co-chair Louise Torp Dalgaard | | | | | |
| | 45 (30 min talk + 10 min QA) | 15:30 - 16:15 | Keynote speaker | Role of macrophages in cardiovascular and muscle disorders | Massimiliano Mazzone | VIB · Vesalius Research Center, KU Leuven, Belgium |

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| | 15 (10 min talk + 5 min QA) | 16:15 - 16:30 | ECI newcomer | The role of monocyte subpopulation and exosomal RNA content in Coronary Artery Disease | Anika Witten | University of Münster WWU · Institute of Pharmaceutical Technology and Biopharmacy, Germany |
| | 15 (10 min talk + 5 min QA) | 16:30 - 16:45 | Invited talk | Methodological considerations for sEV-derived RNA biomarkers | Maija Puhka | University of Helsinki, Institute of Biotechnology, Finland |
| | 15 (10 min talk + 5 min QA) | 16:45 - 17:00 | Invited talk | Circulating microRNA biomarkers for cardiovascular risk prediction | Sara-Joan J. Pinto-Sietsma | Academisch Medisch Centrum Universiteit van Amsterdam AMC · Department of Clinical Epidemiology and Biostatistics, The Netherlands |
| | 15 (10 min talk + 5 min QA) | 17:00 - 17:15 | Newcomer presentation | Epitranscriptomics in cardiovascular disease | Shizuka Uchida | Center for RNA Medicine, Department of Clinical Medicine, Aalborg University |
| | 45 (30 min talk + 10 min QA) | 17:15 - 18:00 | Special talk | Gene, cell, and cell-free therapy for therapeutic angiogenesis | Albert Rizvanov | Kazan (Volga Region) Federal University · Institute of Fundamental Medicine and Biology, Russia |
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| Tuesday, 6 July 2021 | 5 | 14:55 - 15:00 | Introduction | | Yvan Devaux | Luxembourg Institute of Health, Cardiovascular Research Unit, Luxembourg |
| | Session 2: Chair Fabio Martelli, co-chair Stephanie Bezzina Wettinger | | | | | |
| | 45 (30 min talk + 10 min QA) | 15:00 - 15:45 | Keynote speaker | RNAs as biomarkers of cardio-metabolic disease | Manuel Mayr | King's College London KCL, Cardiovascular Division, United Kingdom |

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| | 15 (10 min talk + 5 min QA) | 15:45 - 16:10 | Special talk | FIMICS Targeted Sequencing story: from Cardiac enriched lncRNAs discovery to therapeutic targets' identification and development of IVD products | Victor Sabarly | Firalis, Basel Metropolitan area, France |
| | 15 (10 min talk + 5 min QA) | 16:10 - 16:40 | WG3 database developer | Update on the CardioRNA Clinical Cohort database | Kanita Karadzovic-Hadziabdic | International University of Sarajevo · Faculty of Engineering and Natural Sciences, Bosnia herzegovina |
| | 10 (5 min talk + 5 min QA) | 16:40- 16:55 | New comer presentation | CRISPR-based disruption of miR-210 genomic locus affects cell growth and proliferation | Bogdan Preda | Nicolae Simionescu Institute of Cellular Biology and Pathology ICBP · Department of Regenerative Medicine, Romania |
| | 10 (5 min talk + 5 min QA) | 16:55 - 17:05 | STSM grantees | LCN2 regulation by miR-138-5p in skeletal muscle regeneration after ischemia | Goren Saenz-Pipaon | CIMA (Center for Applied Medical Research) University of Navarre, Spain |
| | 10 (5 min talk + 5 min QA) | 17:05 - 17:15 | STSM grantees | Non-coding RNAs in heart failure. Association between human and rat model. | Magdalena Niedolistek | Cardinal Wyszynski National Institute of Cardiology, Department of Medical Biology, Poland |
| | 45 (30 min talk + 10 min QA) | 17:15 - 18:00 | Keynote speaker | Harnessing miRNAs for cardiac regeneration | Serena Zacchigna | Department of Medical, Surgical and Health Sciences, University of Trieste, Italy & Cardiovascular Biology Laboratory, International Centre for Genetic Engineering and Biotechnology (ICGEB), Italy |
| Wednesday 7 July 2021 | 5 | 14:55- 15:00 | Introduction | | Yvan Devaux | Luxembourg Institute of Health, Cardiovascular Research Unit, Luxembourg |
| | Session 3: Chair Emma Robinson, | | | | | |

| | co-chair Thierry Pedrazzini | | | | | |
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| | 45 (30 min talk + 10 min QA) | 15:00 - 15:45 | Keynote speaker | Translation of NcRNA Investigation | Thomas Thum | Hannover Medical School IMTTS, Germany |
| | 15 (10 min talk + 5 min QA) | 15:45 - 16:00 | ECI newcomer | Patient derived endothelial colony forming cells as a model to unravel novel mechanisms of coronary artery disease | Marie Besnier | University of Sydney, Australia |
| | 15 (10 min talk + 5 min QA) | 16:00 - 16:45 | Keynote speaker | Immune microRNAs in hypertension | Tomasz Guzik | University of Glasgow, United Kingdom |
| | 15 (10 min talk + 5 min QA) | 16:45 - 17:00 | Newcomer presentation | Differential Effects of Doxorubicin Treatment on Cardiac Chambers Transcriptome in Vivo | Yuri D'Alessandra | Centro Cardiologico Monzino, IRCCS, Italy |
| | 45 (30 min talk + 10 min QA) | 17:00 - 17:45 | Keynote speaker | Erasing lysine myristoylation in cardiometabolic disease | Tim McKinsey | University of Colorado Anschutz, United States |
| | 15 | 17:45 - 18:00 | Closing remarks | Wrap-up and future plans, meeting save-the-dates | Yvan Devaux | Luxembourg Institute of Health, Cardiovascular Research Unit, Luxembourg |