REDOX BIOLOGY IN TRANSLATION

Annual Meeting

of the Society for Free Radical Research - Europe

June 06 - 09

Vienna, Austria

2023

SCIENTIFIC PROGRAMME

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Welcome

Welcome to the **2023 annual meeting** of the **Society for Free Radical Research – Europe (SFRR-E)**.

Our motto **"Redox biology in translation"** was chosen to foster the translation of new exciting science between the many disciplines, where our fields of redox biology and free radical research deliver important scientific progress.

Enjoy a program with exciting speakers, special sessions dedicated to young researchers, early bird educational sessions and interesting satellite symposia and a co-organized EU-COST meeting that will broaden our scientific horizon.

Please also enjoy the culture and history of Vienna. The venue is located adjacent to the beautiful Botanical Garden and the Castle Belvedere, which houses the works of the "Wiener Moderne" from Gustav Klimt and Egon Schiele in dialogue with those of Claude Monet and Vincent van Gogh.

We are determined to promote sustainability, so please use our excellent public transport system or stroll by foot towards the locations of our social programme, which both reside among the architectural treasures of our historic inner city.

Yours, Florian Gruber,
for the local organizers

Please visit also
the online conference planner
including a room plan

Scientific programme

Tuesday, June 6, 2023		
13.30 - 15.30	Registration Industry exhibition set-up ePoster board set-up	Mancini Foyer Mancini Foyer Mancini Foyer Olympia Mancini 1
13.30 - 15.30	SFFR-E Executive meeting	Room Turin
15.30 - 16.00	Executive council coffee break	Room Turin
16.00 - 17.30	SFFR-E Council meeting	Room Turin
17.30 - 18.30	Meet-the-professor-session	Olympia Mancini 1
17.30 - 18.30	Poster viewing - wine & cheese	Mancini Foyer
18.30 - 20.00	ECR Networking	Olympia Mancini 1

https://www.redoxvienna2023.com

Scientific programme

Wednesday, June 7, 2023		
08.00 - 08.30	Opening & Welcome Session	Olympia Mancini 2
Symposium I - Extracellular vesicles in redox homeostasis Chairs: Consuelo Borras & Charles Ramassamy		Olympia Mancini 2
08.30 - 09.00	S I_1: Cell biology of extracellular vesicles *Graca Raposo*	
09.00 - 09.30	S I_2: Small extracellular vesicles from young adipose-derived stem cells prevent frailty, improve healthspan and decrease epigenetic age in old mice *Consuelo Borras*	
09.30 - 10.00	S I_3: Extracellular vesicles as paracrine redox regulators of thrombosis and haemostasis *Renato Simoes Gaspar*	
SFRR-E Basic Science Award Lecture Chairs: Daniela Caporossi & Michael J. Davies	**Sponsored by ELSEVIER**	Olympia Mancini 2
10.00 - 10.30	L_1: Elucidating the biological chemistry of peroxynitrite, a stealthy oxidant *Rafael Radi*	
10.30 - 11.00	Coffee break & posters & exhibition	Mancini Foyer Olympia Mancini 1
Leopold Flohé Redox Pioneer Award Lecture Chairs: Regina Brigelius-Flohé & Enrique Cadenas	**Sponsored by SFRR-E & OCC**	Olympia Mancini 2
11.00 - 11.30	L_2: Proteasome activation and the secrets of anti-aging *Niki Chondrogianni*	
Symposium II - Thiol modifications in redox signalling pathways Chairs: Juan Sastre & Elias Arnér		Olympia Mancini 2
11.30 - 12.00	S II_1: Regulation of metabolic enzymes by thiol oxidation *Tobias Dick*	
12.00 - 12.30	S II_2: Role of 2-Cys peroxiredoxins in mitochondria-to cytosol H2O2 gradients *Elena Hidalgo*	
12.30 - 13.00	S II_3: Redox regulation of tumor progression and metas tasis: lessons from mouse models to clinical strategies *Volkan Sayin*	
13.00 - 14.00	Lunch break & posters & exhibition	Mancini Foyer Olympia Mancini 1

Scientific programme

Wednesday, June 7, 2023		
Selected Oral Presentations I – Redox signaling and inflammation **Chairs: Bato Korac & Carmen Veith**		**Olympia Mancini 2**
14.00 - 14.15	**OP I_1**: SPEAR: A proteomics approach for simultaneous protein expression and redox analysis *Shani Doron*	PARALLEL SESSION
14.15 - 14.30	**OP I_2**: ROS-induced ribosome stalling and collision underlies ZAKα-mediated metabolic decline in obesity and aging *Laura Ryder*	
14.30 - 14.45	**OP I_3**: The protective role of endothelial α1AMPK in aircraft noise induced vascular dysfunction and oxidative stress is mediated by fasting, exercise and pharmacological treatment *Paul Stamm*	
14.45 - 15.00	**OP I_4**: Constitutive activation of NLRP3 inflammasome machinery in ex-vivo models of Rett syndrome: from pathogenetic role to new potential therapeutic target *Valeria Cordone*	
15.00 - 15.15	**OP I_5**: The role of inflammatory signaling pathways involving the CD40L-CD40-TRAF cascade in animal models of diabetes and hypertension as well as coronary artery disease patients *Lea Strohm*	
15.15 - 15.30	**OP I_6**: Immunometabolism of TLR4-mediated activation in microglia and translational application *Martina Ciarnelli*	
Selected Oral Presentations II – Vascular Biology **Chairs: João Laranjinha & Cristina Mas-Bargues**		**Olympia Mancini 3**
14.00 - 14.15	**OP II_7**: ROS induced mitochondrial hormesis partially protects from SGAs mitochondrial toxicity and cardiovascular disease *Laura Doblado*	PARALLEL SESSION
14.15 - 14.30	**OP II_8**: Measuring oxidant production in phagosomes to identify abnormalities in neutrophil function *Louisa V Ashby*	
14.30 - 14.45	**OP II_9**: The antioxidant function of coenzyme A and protein CoAlation in health and disease *Ivan Gout*	

Wednesday, June 7, 2023		
14.45 - 15.00	**OP II_10**: Redox sensitive thiols identified on Jagged1 regulate edothelial cell cycle, adhesion, and extracellular matrix proteins *Shawn B Cottrill*	PARALLEL SESSION
15.00 - 15.15	**OP II_11**: The inflammatory oxidant peroxynitrous acid modulates the structure and function of versican isoform V3 *Sara M. Jørgensen*	
15.15 - 15.30	**OP II_12**: Dynamics of plasma membrane repair upon oxidative damage *Palina Nepachalovich*	
15.30 - 16.00	Coffee break & posters & exhibition	Mancini Foyer Olympia Mancini 1
Selected Oral Presentations III – Redox Biology in human disease Chairs: Anne Negré-Salvayre & Timoteo Marchini		Olympia Mancini 2
16.00 - 16.15	**OP III_13**: UCP3 deficiency increases cardiac ischemia reperfusion injury: effects on energy metabolism, mitochondrial structure and oxidative stress *Susana Cadenas*	PARALLEL SESSION
16.15 - 16.30	**OP III_14**: TRP14 is the cellular cystine reductase and also reduces cysteinylated proteins *Pablo Martí-Andrés*	
16.30 - 16.45	**OP III_15**: Remote ischemic preconditioning modifies early ventricular remodeling post myocardial infarction by attenuation of the inflammatory response and oxidative stress *Mariana Garcés*	
16.45 - 17.00	**OP III_16:** Role of Coenzyme Q10 in mitochondrial dysfunction and oxidative damage in RETT syndrome *Sonia Silvestri*	
17.00 - 17.15	**OP III_17**: Oxidation and chlorination of human amylin induces chemical and structural changes and formation immunogenic products *Ramona Clemen*	
17.15 - 17.30	**OP III_18**: Myeloperoxidase-derived oxidised lipids in Type 2 Diabetes *Irundika Dias*	

Scientific programme

Wednesday, June 7, 2023

Selected Oral Presentations IV – Metabolism Chairs: Patricia Oteiza & Eduardo Fuentes Lemus		Olympia Mancini 3
16.00 - 16.15	**OP IV_19**:Transcription factor NRF2 regulates the permeability of the blood brain barrier at the level of ANGPT1/2-TIE2 signaling *Antonio Cuadrado*	PARALLEL SESSION
16.15 - 16.30	**OP IV_20**: Effects of a cyanidin- and delphinidin-rich extract on mitochondrial dynamics, biogenesis and thermogenesis in adipose tissue of mice fed a high-fat diet *Eleonora Cremonini*	
16.30 - 16.45	**OP IV_21**: Brain mitochondrial metabolism, redox state, neuroinflammation, and synaptic plasticity is modulated by milk intake in a rat model *Giovanna Trinchese*	
16.45 - 17.00	**OP IV_22**: Exercise training shapes intracellular hydrogen peroxide gradients in skeletal muscle *Carlos Henriquez-Olguín*	
17.00 - 17.15	**OP IV_23**: Oxidation of 6-phosphogluconolactonase mediated by peroxyl radicals affects specific amino acids and triggers protein aggregation: consequences for the pentose phosphate pathway *Camilo López-Alarcón*	
17.15 - 17.30	**OP IV_24**: Thiosulfate Sulfurtransferase Deficiency Promotes Oxidative Distress in Cerebral Prefrontal Cortex *Yang Luo*	

17.30 - 18.30 Guided e-Poster Presentation Session I PARALLEL SESSIONS		Mancini Foyer Olympia Mancini 1
Group 01	*Nrf2* / Anne Negre-Salvayre & Enrique Cadenas	Olympia Mancini1A
Group 02	*Lipids* / Daniela Caporossi & Antonio Martinez-Ruiz	Olympia Mancini 1B
Group 03	*Redox Signaling I* / Clare L. Hawkins & Francesco Galli	Foyer Mancini
Group 04	*Redox Signaling II* / Niki Chondrogianni & João Laranjinha	Foyer Mancini
Group 05	*Redox Pharmacology* / Aphrodite Vasilaki & Juan Sastre	Foyer Mancini
Group 06	*Redox Signaling III* / Aleksandra Korac & César Fraga	Foyer Mancini
Group 07	*Redox Chemistry* / Paola Gamba & Andreas Daiber	Olympia Mancini 2
Group 08	*Environmental and Dietary Redox Stress* Aleksandra Jankovic & Tilman Grune	Olympia Mancini 3

Scientific programme

Thursday, June 8, 2023		
Sunrise seminar Chairs: Kelvin Davies & Tilman Grune		Olympia Mancini 2
07.30 - 08.00	Proteolysis in metabolic diseases and aging *Tilman Grune*	
08.00 - 08.30	The Redox Biology of Adaptive Homeostasis During Ageing *Kelvin Davies*	
Symposium III – ECM/Redox Signalling Axis: From Cancer to Tissue Repair and Smarter Regenerative Therapies Chairs: Vanja Pekovic-Vaughan & Santiago Lamas		Olympia Mancini 2
08.30 - 09.00	S III_1: Regulation of ferroptosis by cell-density and cell adhesion signaling cues *Sirio Dupont*	
09.00 - 09.30	S III_2: Mitochondrial respiratory chain function promotes extracellular matrix integrity in cartilage *Bent Brachvogel*	
09.30 - 10.00	S III_3: Antioxidant transcription factor NRF2 regulates skeletal muscle homeostasis through a circadian mechanism that is disrupted with ageing *Vanja Pekovic-Vaughan*	
Catherine Pasquier Award Lecture Chairs: Clare L. Hawkins & Giuseppe Valacchi		Olympia Mancini 2
10.00 - 10.30	L_3: Impact of proteostasis on cardiac function in aging *Christiane Ott*	
10.30 - 11.00	Coffee break & posters & exhibition	Mancini Foyer Olympia Mancini 1
SFRR-E Annual Award Lecture Chairs: Juan Sastre & Antonio Cuadrado		Olympia Mancini 2
11.00 - 11.30	L_4: The KEAP1/NRF2 system in health and disease *Masayuki Yamamoto*	

June 7, 2023 I 19.30

Welcome reception at the Wiener Rathaus, Arkadenhof

Entrance: Liechtenfelsgasse 2, 1010 Vienna

for a detailed orientation map please visit www.redoxvienna2023.com

Scientific programme

Thursday, June 8, 2023		
Symposium IV – Redox regulation of phosphorylation: effects on translation and translational opportunities (Olympia Mancini 2) Chairs: Salvatore Rizza & Giuseppe Filomeni		Olympia Mancini 2
11.30 - 12.00	S IV_1: Ribosomes as sensors of exposure to free radicals, radiaton and toxic metabolites *Simon Bekker-Jensen*	
12.00 - 12.30	S IV_2: Deficiency of an endoplasmic reticulum oxidoreductase and activation of protein translation synergistically impair breast tumor resilience *Ester Zito*	
12.30 - 13.00	S IV_3: Regulation of FAK1 phosphorylation by S-nitrosylation in tumor progression *Salvatore Rizza*	
13.00 - 14.00	Lunch break & posters & exhibition	Mancini Foyer Olympia Mancini 1
Selected Oral Presentations V – Environmental exposure and disease Chairs: Fabio Virgili & Vanesa Cepas-López		Olympia Mancini 2
14.00 - 14.15	OP V_25: Oxidative damage in reperfusion after stroke: ferroptosis and the role of the mitochondrial sodium calcium exchanger NCLX *Susana Delgado-Martin*	
14.15 - 14.30	OP V_26: Airborne particulate matter exposure impairs lung redox metabolism involved in tissue damage repair mechanisms *Natalia Magnani*	
14.30 - 14.45	OP V_27: Traffic noise as a cause of vascular and cerebral dysfunction by adverse redox signaling, and inflammation – implications for the exposome concept and burden of disease *Andreas Daiber*	
14.45 - 15.00	OP V_28: Dietary nitrate improves nitric oxide-mediated neurovascular coupling and spatial memory in a rodent model of type 2 diabetes *João S. Gonçalves*	

Thursday, June 8, 2023		
15.00 - 15.15	**OP V_29**: The redox metabolome of humans receiving supraphysiological doses of intravenous vitamin C *Jan F. Stevens*	
15.15 - 15.30	**OP V_30**: Mitochondrial dysfunction and NLRP3 inflammasome activation in Autism Spectrum Disorder *Andrea Vallese*	
Selected Oral Presentations VI – Redox chemistry Chairs: Niki Chondrogianni & Paraskevi Kritsiligkou		Olympia Mancini 3
14.00 - 14.15	**OP VI_31**: Prodrugs sequentially activated by reactive oxygen species and hydroxide ions: a po ssible solution of the neutropenia problem of common anticance *Insa Klemt*	
14.15 - 14.30	**OP VI_32**: Identification of galectin-1 and other cellular targets of alpha,beta-unsaturated carbonyl compounds, including dimethylfumarate, by use of click-chemistry probes *Michael J. Davies*	
14.30 - 14.45	**OP VI_33**: Oxidative stress markers in the cervicovaginal fluid within cervical neoplasia stages *Busra Kose*	
14.45 - 15.00	**OP VI_34**: Crowding modulates the oxidant-induced cross linking and aggregation of the key glycolytic enzyme glyceraldehyde-3-phosphate dehydrogenase *Eduardo Fuentes-Lemus*	
15.00 - 15.15	**OP VI_35**: Development and in vivo validation of redox status measurements in blood plasma using EPR spectroscopy *Martina C. Meinke*	
15.15 - 15.30	**OP VI_36**: Uric acid decreases peroxidase activity and produces 5- hydroxiisourate in human endothelial cells' secretome *Bianca Dempsey*	
15.30 - 16.00	Coffee break & posters & exhibition	Mancini Foyer Olympia Mancini 1

Scientific programme

Thursday, June 8, 2023		
Young Investigator Award Session I **Chairs: Aphrodite Vasilaki & Giuseppe Poli**		Olympia Mancini 2
16.00 - 16.15	YIA I_1: RAGE-independent induction of cellular signaling in the cardiovascular system by AGE-rich nutritional extracts *Merve Kuru-Schors*	PARALLEL SESSION
16.15 - 16.30	YIA I_2: AKR1A1 controls redox and metabolic adaptation of renal and hepatocellular carcinoma *Chiara Pecorari*	
16.30 - 16.45	YIA I_3: Exploring the interplay of transcription factor NRF2, redox homeostasis and RNA metabolism in ALS pathogenesis *José Jiménez Villegas*	
16.45 - 17.00	YIA I_4: Myeloid cell-derived reactive oxygen species from lesional skin contribute to vascular inflammation in experimental psoriasis *Johannes Wild*	
Young Investigator Award Session II **Chairs: Andreas Daiber & Malcolm Jackson**		Olympia Mancini 3
16.00 - 16.15	YIA II_5*: Nanodiamond relaxometry: an emerging tool for free radical detection in biological samples* *Alina Sigaeva*	PARALLEL SESSION
16.15 - 16.30	YIA II_6: Nrf2 and aging impair the aortic structural features – impact on abdominal aortic aneurysm *Aleksandra Kopacz*	
16.30 - 16.45	YIA II_7: Mitochondrial targeting properties of new gold and copper complexes in breast cancer *Valeria Scalcon*	
16.45 - 17.00	YIA II_8: Glutathione S-transferase P nuclear distribution and Nrf2 Keap1 interacting properties mark the GSH dependent drug resistance phenotype of hepatocellular carcinoma *Desirée Bartolini*	

Scientific programme

Thursday, June 8, 2023	
17.00 - 18.00 Guided e-Poster Presentation Session II PARALLEL SESSIONS	Mancini Foyer Olympia Mancini 1
Group 09 *Development and Aging* / Aphrodite Vasilaki & Juan Sastre	Olympia Mancini 1A
Group 10 *Metabolism* / Clare L. Hawkins & Giuseppe Valacchi	Olympia Mancini 1B
Group 11 *Inflammation and Redox Signaling* Patricia Oteiza & Michael Davies	Foyer Mancini
Group 12 *Metabolism and Human Disease* Daniela Caporossi & Niki Chondrogianni	Foyer Mancini
Group 13 *Redox Biology of Human Disease I* Corinne Spickett & Bato Korac	Foyer Mancini
Group 14 *Redox Biology of Human Disease II* Izabela Sadowska-Bartosz & Fabio Virgili	Foyer Mancini
Group 15 *Redox Signaling in Human Disease* Paola Gamba & Malcom Jackson	Oympia Mancini 2
Group 16 *Plants and Nutrition* / Dolores Pérez-Sala & Andreas Daiber	Olympia Mancini 3
18.00 - 18.30 SFFR-E General Assembly	Olympia Mancini 2
19.15 Conference dinner at the Palais Ferstel, Herrengasse 14, 1010 Vienna	

June 8, 2023 I 19.15

Conference dinner at the Palais Ferstel

Entrance: Herrengasse 14, 1010 Vienna

Take tram 71 to station Burgtheater. The venue is within a short walk of 5 minutes within this station. For a detailed orientation map please scan QR-Code below.

Scientific programme

Friday, June 9, 2023		
Sunrise seminar II Chairs: Corinne Spickett & Francesco Galli		Olympia Mancini 2
07.30 - 08.00	Protein lipoxidation: what is it and how to analyse it *Corinne Spickett*	
08.00 - 08.30	How nutrigenomics can drive micronutrient vitamins and omega-3 into the era of precision nutrition *Francesco Galli*	
Symposium V – The intriguing life of neutrophils – new insights into neutrophil-driven inflammation and its targeting in disease Chairs: Ulla Knaus & Clare L. Hawkins		Olympia Mancini 2
08.30 - 09.00	S V_1*: Neutrophil plasticity opens the ROS treasure chest* *Ulla Knaus*	
09.00 - 09.30	S V_2: Ability of neutrophils to constrain immune responses and promote tumour development *Julia Kargl*	
09.30 - 10.00	S V_3: Targeting NETs with neutrophils to combat thrombosis *Sophie Maiocchi*	
SFRR-E Clinical Science Award Lecture Chairs: Daniela Carporossi & Nesrin Kartal Özer		Olympia Mancini 2
10.00 - 10.30	L_5: Age-related biomolecular changes: translational aspects of biological aging *Maria Cristina Polidori*	
Satellite Symposium Aposcience – Cell-based and cell free tissue regeneration - PART I Chairs: Michael Mildner & Hendrik Jan Ankersmit		Olympia Mancini 1
09.00 - 09.25	Emerging cytokine-based therapies after acute myocardial infarction *Kai Wollert*	
09.25 - 09.50	Cell-based therapies for broken hearts & bones & sore skin *Dirk Strunk*	
09.50 - 10.15	Promising animal and inconsistent clinical studies of cardiac regeneration: can we bridge the gap? *Mariann Gyöngyösi*	
10.15 - 10.30	40 Industrialization of cellular therapies in modern medicine: 30 years experience in musculoskeletal medicine *Lee Ann Laurent-Applegate*	

Friday, June 9, 2023		
10.30 - 11.00	Coffee break & posters & exhibition	Mancini Foyer Olympia Mancini 1
Symposium Beiersdorf: Redox stress skin Chairs: Ludger Kolbe & Georg Wondrak		Olympia Mancini 2
11.00 - 11.20	SS I_1: Environmental chlorination stress and the skin exposome: Effects on solar UV-driven inflammatory dysregulation and skin carcinogenesis *Georg Wondrak*	
11.20 - 11.40	SS I_2: The bright and the dark sides of NRF2 in skin homeostasis, aging and repair *Sabine Werner*	
11.40 - 12.00	Redox modulation in topical skin photoprotection *Ludger Kolbe*	
Satellite Symposium HNE Club Chairs: Maria Fedorova		Olympia Mancini 3
11.00 - 11.05	Opening & Welcome *Maria Fedorova*	
11.05 - 11.15	SS IV_5: How HNE was discovered or errors are part of the game *Rudolf J. Schaur*	
11.15 - 11.40	Acetaldehyde dehydrogenase 2 in cardiovascular disease: beyond detoxification *Huiyong Yin*	
11.40 - 12.05	The effects of reactive aldehydes on cell metabolism and protein structure/function *Corinne M. Spickett*	
12.05 - 12.30	SS IV_4: Lipid peroxidation in obesity *Morana Jaganjac*	
12.30 - 12.55	SS IV_1: Identification of human plasma proteins inactivating atherogenic oxidized phospholipids using immune "masking" assay and pull-down proteomics *Philipp Jokesch*	
12.55 - 13.00	Closing remarks *Giuseppe Poli*	

Scientific programme

Friday, June 9, 2023		
Satellite Symposium Aposcience – Cell-based and cell free tissue regeneration - PART II Chairs: Michael Mildner & Hendrik Jan Ankersmit		Olympia Mancini 1
11.00 - 11.25	Platelet-rich fibrin: biological principles and clinical aspects in tissue regeneration *Reinhard Gruber*	
11.25 - 11.50	Extracellular vesicles and their miRNA cargo: friend or foe in tissue regeneration *Johannes Grillari*	
11.50 - 12.15	Regenerative cell therapy for inflammatory conditions: mechanistic insights and impact on clinical practice *Francesco Dazzi*	
12.15 - 12.40	Secretome-based regenerative medicine: the MARSYAS II trial. Treating of diabetic foot ulcers using paracrine factors from PBMCs *Alfred Gugerell*	
Symposium Chanel: Cellular senescence Chairs: Youcef Ben Khalifa & Florian Gruber		Olympia Mancini 2
12.00 - 12.20	SS II_1: Identification and quantification of senescent cell types in chronologically aged skin and UV-induced skin pathologies *Oliver Dreesen*	
12.20 - 12.40	SS II_2: Metabolic adaptations to stress and senescence in the epidermis *Florian Gruber*	
12.40 - 13.00	SS II_3: Skin aging: How Chanel natural ingredients target cellular senescence? *Gaelle Gendronneau*	
13.00 - 13.30	Closing ceremony & introduction of afternoon satellite symposia	Olympia Mancini 2
13.30 - 14.30	Lunch break	Mancini Foyer Olympia Mancini 1

Friday, June 9, 2023		
Satellite Symposium TissueGnostics & COST Action EpiLipidNet: Multimodal Imaging of Stress and Inflammation Chairs: Felicitas Mungenast & Florian Gruber		Olympia Mancini 2
14.30 - 14.50	**SS V_1**: Platelet-activating factor and microvesicles as effectors for photosensitivity *Jeffrey B Travers*	
14.50 - 15.30	Multimodal imaging of chemical and metabolic signatures of stressed and aged skin *Christopher Kremslehner & Markus Schosserer & Arvand Haschemi*	
15.30 - 15.50	Systems biology in translational research: Understanding enigmatic sphingolipids in health and disease *Diana Mechtcheriakova*	
15.50 - 16.00	New developments in tisssue cytomery *Felicitas Mungenast*	
16.00 - 16.30	Coffee break	Mancini Foyer
Satellite Symposium COST Action EpiLipidNet, a Pan-European Network in Lipidomics and EpiLipidomics: The Metabolome and the (Epi-)lipidome in adaptation to stress Chairs: Rosario Domingues & Valery Bochkov		Olympia Mancini 2
16.30 - 17.00	Targeting oxidized phospholipids in chronic progressive organ damage *Norbert Leitinger*	
17.00 - 17.30	Redox challenges from the interplay between ROS, light and glucose as a driver of phospholipidome alteration *Rosário Domingues*	
17.30 - 17.40	**PP II_17:** Algae-derived lipid extracts distinctly module inflammatory response in macrophages *Tania Melo*	
17.40 - 17.50	**PPII14: The effect of lipid oxidation on the activity of the membrane protein Adenosine 2A receptor** *Idoia Company*	
17.50 - 18.00	**PP II_21**: Investigating the Contribution of Subcellular Redox Imbalance to Lipid-Induced Insulin Resistance in Cardiomyocytes *Samantha Gallero*	
18.00 - 18.10	**PP XI_106:** Potentiation of cytokine-induced inflammation by oxidized phospholipids *Olga Oskolkova*	

General info

Venue

Hotel Savoyen, Rennweg 16, 1030 Vienna, Austria

Registration & information

Registration and information desk is located at the entrance foyer of Hotel Savoyen Delegates can pick up their conference materials from the desk during the below mentioned opening hours. Wearing your personal name badge is compulsory in order to attend the scientific program. If you have any questions or need assistance during the conference hours please turn to the registration & information desk.

Opening hours registration and information desk

June 6, 2023	13.30 - 18.30
June 7, 2023	07.30 - 18.30
June 8, 2023	07.30 - 18.30
June 9, 2023	07.30 - 18.00

Social programme

June 7, 2023	19.30	Welcome reception at the Wiener Rathaus, Arkadenhof*
June 8, 2023	19.15	Conference dinner Palais Ferstel*
June 9, 2023	19.30	Conference farewell evening
		Bus transfer departure: 19.00 Hotel Savoyen
		EUR 50,- p. Person (Transfer, F&B included)

*) Take tram 71 to station Burgtheater. Both venues - Wiener Rathaus and Palais Ferstel are within a short walk of 5 minutes within this station. For a detailed orientation map please scan QR-Code below. For taking part at the welcome reception & conference dinner registration is prerequisite.

Detailed map?
Scan me!

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Chairs & speakers

Hendrik Jan **Ankersmit** *(Medical University of Vienna, Austria)*

Elias **Arnér** *(Karolinska Institutet, Stockholm, Sweden)*

Louisa V **Ashby** *(Centre for Redox Biology and Medicine, University of Otago Christchurch, Department of Pathology and Biomedical Science, Christchurch, New Zealand)*

Desirée **Bartolini** *(University of Perugia, Italy)*

Simon **Bekker-Jensen** *(Department of Cellular and Molecular Medicine, Center for Healthy Aging, University of Copenhagen, Denmark)*

Valery **Bochkov** *(Inst. of Pharmaceutical Sciences Pharmaceutical Chemistry, University of Graz, Graz, Austria)*

Consuelo **Borras Blasco** *(Department of Physiology, Faculty of Medicine, University of Valencia, Spain)*

Bent **Brachvogel** *(University of Cologne, Germany)*

Regina **Brigelius-Flohé** *(German Institute of Human Nutrition Potsdam-Rehbrücke)*

Enrique **Cadenas** *(University of Southern California, Los Angeles, CA, USA)*

Susana **Cadenas** *(Centro de Biología Molecular "Severo Ochoa", CSIC/UAM, Madrid, Spain)*

Daniela **Caporossi** *(University of Rome Foro Italico, Italy)*

Vanesa **Cepas-López** *(University of Turin, Italy)*

Niki **Chondrogianni** *(National Hellenic Research Foundation, Athens, Greece)*

Martina **Ciarnelli** *(Department of Medical and Surgical Sciences, University of Foggia, Foggia, Italy)*

Josiane **Cillard** *(University of Rennes 1, France)*

Ramona **Clemen** *(ZIK plasmatis, Leibniz Inst. f. Plasma Science and Technology (INP), Greifswald, Germany)*

Idoia **Company** *(Life and Health Sciences, Aston University, Birmingham, United Kingdom)*

Valeria **Cordone** *(Department of Environmental Sciences and Prevention, University of Ferrara, Ferrara, Italy)*

Shawn B **Cottrill** *(Systems Medicine, School of Medicine, University of Dundee, Dundee, Scotland)*

Eleonora **Cremonini** *(Eleonora Cremonini Departments of Nutrition and Environmental Toxicology, University of California, Davis, CA, USA)*

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