



9th International Conference on Oxidative Stress in Skin Biology and Medicine

Andros, Greece
9-12 September 2021

SCIENTIFIC PROGRAM

*The conference is dedicated to the memory of
George Deliconstantinos and John Maguire*

Co-organizers:



National and
Kapodistrian
University of
Athens



Oxygen Club of
California



Society for Free
Radical Research –
Europe



Andros Municipality





September 9, 2021

Thursday

9:00-9:30 CET	<p>Welcome by:</p> <ul style="list-style-type: none"> • Prof Dr C. Zouboulis, Conference Chairman • Prof Dr G. Vallacchi, Conference Chairman • As. Prof. Dr M. Rallis 	

9:30-10:30 CET	<p>OPENING CONFERENCE LECTURE Chairman: H.Black C. Zouboulis: <i>To be Announced</i></p>	
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OXIDATIVE STRESS AND SKIN AGEING

Chairpersons: **D. Kletsas, N.Chondrogianni**

10:30-12:30 CET	D. Kletsas	<i>To be announced</i>	SESSION 1
	N. Chondrogianni	<i>To be announced</i>	
	K. Scharffetter-Kochanek	<i>Oxidative stress in fibroblasts and transcription factor JunB in skin decline and aging</i>	
	F. Gruber	<i>To be announced</i>	
	A. Jankovic	<i>Postnatal and aged rat skin: A new perspective on redox regulation versus free radical theory of ageing</i>	
	H. Pratsinis	<i>To be announced</i>	
	M. Sherratt	<i>Characterising protein damage and repair using peptide location fingerprinting</i>	
	I. Trougakos	<i>To be announced</i>	



12:30-
14:00
CET

Lunch break

NATURAL PRODUCTS AND SKIN

Chairwomen: I. Chinou, E. Skaltsa

14:00- 15:30 CET	E. Skaltsa	<i>To be announced</i>	SESSION 2
	P. Magiatis	<i>To be announced</i>	
	I. Chinou	<i>Phytochemical study on selected Greek Paeonia species. Exploring the antioxidative and whitening activities, unlocking skin benefits</i>	
	D. Hadjipavlou-Litina	<i>To be announced</i>	
	A. Karioti	<i>To be announced</i>	

15:30-
15:45
CET

Coffee Break

OXIDATIVE STRESS – ANTIOXIDANTS – DIET

Chairmen: G. Truscott, H.Black

15:45- 17:30 CET	H. Black	<i>To be announced</i>	SESSION 3
	F. Virgili	<i>To be announced</i>	
	G. Truscott	<i>Carotenoid Photochemistry Related to the Skin</i>	
	E. Polychronopoulos	<i>To be announced</i>	
	F. Boehm	<i>To be announced</i>	
	R.Edge	<i>To be announced</i>	
	L.Rhodes	<i>omega-3 fatty acids and skin health</i>	



POSTER SESSION I Chairman: F. Gruber			
17:30- 19:00 CET			POSTER SESSION I



September 10, 2021

Friday

ENVIRONMENT, RADIATION AND SKIN

Chairmen: G. Vallacchi, C. Zouboulis

09:00- 10:30 CET	L. Baciou	<i>Molecular characterization of the effects of ionizing radiation on the cells of innate immune system.</i>	SESSION 1
	C. Houée-Lévin	<i>Free radical induced protein modifications: each protein is a special case</i>	
	F. Ferrara	<i>Inflammasome activation as key mediator in O₃-induced cutaneous inflammation</i>	
	G. Guerriero	<i>To be announced</i>	
	E. Pambianchi	<i>Tension as a key factor in skin response to pollution</i>	

10:30– 11:00 CET	LECTURE OF THE DAY Chairwoman: S. Werner G. Valacchi <i>To be Announced</i>	
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11:00- 11:15 CET	Coffee break	
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OXIDATIVE STRESS AND SKIN: INFLAMMATION, CANCER, DIABETES			
Chairmen: J. Sastre, C. Demonacos			
11:15- 13:00 CET	C. Demonacos	<i>To be announced</i>	SESSION 2
	M. Benedusi	<i>Functional Cross-talk of circadian Clock and OxInflammation in Skin Homeostasis</i>	
	S. Bekeschus	<i>Medical gas plasma as innovative technology for mono and combination melanoma therapy</i>	
	J. Eberle	<i>To be announced</i>	
	A. Kalezic	<i>Redox homeostasis and Warburg effect at the interface of cancer-adipose tissue cooperation</i>	
	A. Korac	<i>Correlative collagen imaging in health and diseases</i>	
	D. Nikitovic	<i>To be announced</i>	
13:00- 14:30 CET	Lunch break –		
14:30- 15:00 CET	SPECIAL LECTURE Chairman: B. Korac J. Sastre <i>To be Announced</i>		



ROUND TABLE: ULCERS, BURNS, WOUND HEALING

Chairpersons: K. Scharfetter -Kochanek, A. Veves

15:00- 16:30 CET	A.Veves	<i>The role of cells in the wound healing process of diabetic leg ulcers and how this knowledge reveals new therapeutic models</i>	SESSION 3
	N. Tentolouris	<i>Difficulties and proposed solutions in the management of diabetic foot ulcers. Novel approach</i>	
	K. Scharfetter - Kochanek	<i>Mesenchymal stem cells for the treatment of difficult to heal wounds from bench to bedside</i>	
	E. Zouridaki	<i>To be announced</i>	

PHOTOBIOLOGY

Chairmen: G. Wondrak, G. Delinasios

16:30- 17:30 CET	G. Wondrak	<i>To be announced</i>	SESSION 4
	G. Delinasios	<i>To be announced</i>	
	M.Darvin	<i>Topical Licochalcone A protects against high-energy visible light-induced oxidative stress of human skin in vivo.</i>	
	S.Lohan	<i>Differentiation between positive and negative stress in skin after UVA irradiation by EPR spectroscopy.</i>	

17:30-
17:45
CET

Coffee Break



POSTER SESSION II			
Chairman: E. Polychronopoulos			
17:45- 19:00 CET			POSTER SESSION II



September 11, 2021

Saturday

PHOTOTHERAPY

Chairwomen: E. Alexandratou, A. Petri

09:00- 10:30 CET	M. Meinke	<i>Quantification and identification of radicals formed by topically applied photosensitizer and its distribution in the skin</i>	SESSION 1
	Maurício da Silva Baptista	<i>To be announced</i>	
	T. Theodosiou	<i>To be announced</i>	
	E. Kavetsou	<i>To be announced</i>	

10:30– 11:00 CET	LECTURE OF THE DAY Chairman: G Valacchi Sabine Werner: <i>To be Announced</i>
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11:00- 11:15 CET	Coffee break
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WOUNDS, OXIDATIVE STRESS AND TREATMENTS

Chairwoman: E. Zouridaki

11:15- 12:15 CET	M. Hardman	<i>To be announced</i>	SESSION 2
	K. Mumcuoglu	<i>Maggot therapy in the treatment of diabetic foot ulcers</i>	
	V. Pekovic-Vaughan	<i>Antioxidant transcription factor NRF2 regulates cutaneous wound repair through a diurnal mechanism that is disrupted with ageing</i>	
	H. Weavers		



SPECIAL LECTURE Chairman: D. Kletsas		
12:15- 12:45 CET	Georgios Vasilopoulos	Health Care Sciences as Philosophical and Spiritual disciplines

12:45- 14:00 CET	Lunch break –	
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OXIDATIVE STRESS, TOPICAL ANTIOXIDANTS AND SKIN Chairwomen: K. Burke, A. Korac			
14:00– 15.30 CET	K. Burke	<i>To be announced</i>	SESSION 3
	I. Anastassopoulou	<i>To be announced</i>	
	T. Theophanidis	<i>To be announced</i>	
	A. Tagka	<i>To be announced</i>	
	B. Korac	<i>To be announced</i>	

15:30– 16:00 CET	SPECIAL LECTURE Chairwoman: N. Chondrogianni T. Grune: <i>To be Announced</i>	
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16:00- 16:15 CET	Coffee Break	
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POSTER SESSION III Chairman: I. Trougakos			
16:15- 17:45 CET			POSTER SESSION III

ROUND TABLE: FROM BENCH TO BEDSIDE: Chairpersons: K. Scharfetter -Kochanek, E. Cadenas			
17:45- 19:30 CET	T. Grune	<i>To be announced</i>	SESSION 4
	K. Scharfetter - Kochanek	<i>To be announced</i>	
	A. Veves	<i>To be announced</i>	
	S. Werner	<i>To be announced</i>	
	C. Zouboulis	<i>To be announced</i>	
	E. Cadenas	<i>To be announced</i>	



September 12, 2021

Sunday

**OXIDATIVE STRESS, METABOLISM AND SKIN PHARMACOKINETICS
AND TOPICAL PRODUCTS**

Chairman: Demonacos

9:00- 10:00 CET	Jill Barber	<i>To be announced</i>	SESSION 1
	F. Iliopoulos	<i>To be announced</i>	
	S. Lamas	<i>The regulation of fibrosis by metabolism and some digressions on scientific integrity</i>	

ROUND TABLE: BIOETHICS

Chairpersons: K. Scharfetter -Kochanek, A. Veves

10:00- 11:30 CET	A. Dalianis	<i>To be announced</i>
	N. Kostomitsopoulos	<i>The quality of preclinical studies during COVID-19 pandemic. Ethical issues and concerns</i>
	A. Nicolaou	<i>Clinical Research Ethical Aspects</i>
	A. Chatziioannou	<i>To be announced</i>

**11:30-
12:00
CET**

CONCLUSIONS

C. Zouboulis – G. Vallachi