

**FINAL PROGRAMME
& ABSTRACT BOOK**

5th Scientific Summit

Tobacco Harm Reduction:
Novel products, Research & Policy

by **SOHRE**

21-22 SEPTEMBER 2022 | ATHENS
STAVROS NIARCHOS FOUNDATION CULTURAL CENTER

#NOSMOKESUMMIT22

www.nosmokesummit.org

5th Scientific Summit

Tobacco Harm Reduction:
Novel products, Research & Policy

21-22 SEPTEMBER 2022 | ATHENS
STAVROS NIARCHOS FOUNDATION CULTURAL CENTER

ORGANISERS

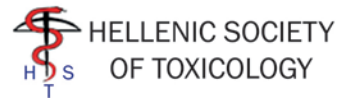
ORGANISED BY

SOHRE International
Association
on Smoking Control
& Harm Reduction

SUPPORTED BY



SUPPORTING ORGANISATIONS



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WELCOME NOTE

We are delighted to welcome you to the **5th Scientific Summit on Tobacco Harm Reduction: Novel products, Research & Policy**, organised by SCOHRE, the International Association on Smoking Control & Harm Reduction, on September 21 and 22, 2022. The event is held in Athens, Greece, at the Stavros Niarchos Foundation Cultural Center, and virtual attendance is also available.

The 5th Scientific Summit—following the works of a very successful virtual 4th Scientific Summit—aims to attract top researchers, clinicians, and scientists from diverse fields, from all over the world, to contribute to the event.

In 2021, due to the COVID-19 pandemic and its repercussions, the 4th Scientific Summit was organised virtually, thus enabling the participation of scientists from around the globe, namely, 62 renowned speakers from 31 countries and about 300 participants from 42 countries worldwide.

In previous Summits it was established that, during the last 30 years, the prevalence of smoking has decreased steadily around the globe. However, as populations have grown, the total number of smokers has increased. There is increasing interest on Tobacco Harm Reduction as a tool to reduce the detrimental consequences of cigarette smoking to the human population of the planet. However, more data is needed for politicians and public health regulators to make informed decisions.

All these and many more will be discussed in the two-day event on Tobacco Harm Reduction.

The objectives of the Summit are to offer opportunities for scientists of different countries to:

- Present, discuss, and challenge recent data related to the benefits and the risks associated with alternative tobacco product use among smokers and the association with switch and quit attempts.
- Discuss and debate on scientific, technological, medical, regulatory, legal and policy issues for advancing the technical capacity of the participating countries.
- Provide an environment where regulatory authorities and policy makers may present to the scientific and medical communities their prospective course of action.

The scientific programme of the Summit will include plenary and keynote lectures, as well as oral and e-poster presentations published in the Abstract Book, in the second part of this booklet.

Ignatios Ikonomidis

President of the Organising Committee
SCOHRE President

GENERAL INFORMATION

OFFICIAL LANGUAGE

English will be the official language of the 5th International Summit on Tobacco Harm Reduction by SCOHRE.

REGISTRATION

Delegates wishing to register after on-line registration is closed (September 18th) may register on arrival at the registration desk during the Summit.

On-site registration fees

Scientists & Health Professionals (physical presence & virtual)	€250
Scientists & Health Professionals (virtual attendance only)	free of charge
Business Participants	€600
Students* & Graduate Students	free of charge
Press**	free of charge

Prices include VAT 24%

**Students can register free of charge provided that they present a formal letter certifying their student identity from their academic institution upon registration.*

***Members of the Press can register for free provided that they send a Press ID (or other means of certification) to the Summit Secretariat via email, or present their credentials on-site.*

CONFERENCE SECRETARIAT

Conference Secretariat is located at the Lighthouse.

Opening Hours:

Wednesday, September 21: 9:30-18:30

Thursday, September 22: 9:30-19:00

Conference material – badges and conference bags - will be collected at the Conference Secretariat. Please show your passport (or other document of ID) for identification.

Access to the Conference Hall and areas at all times will be allowed only to visitors wearing the official conference badge.

CONGRESS SECRETARIAT

MINDVIEW

59, Mousson Str., 11524, Athens, Greece

Tel.: +30 210 6231305 Email: info@nosmokesummit.org URL: www.mind-view.gr

GENERAL INFORMATION

SPEAKERS' READY AREA

A Speakers' Ready area will be available throughout the Conference close to the Secretariat. Speakers are requested to hand-in their presentations (CD, USB-key) at least 1 hour before the beginning of their session.

CERTIFICATE OF ATTENDANCE

Certificates of attendance will be sent in electronic format, by email, upon request by the participant addressed to the Secretariat at the email: info@nosmokesummit.org

PRESS OFFICE

A Press Office run by Perception Consulting Communication is at the journalists' service. During the event, Press Office services will be available on-site during the Conference Secretariat opening hours.

Contact Mrs. Ioanna Moutzala: im@perception.com.gr, mob. (+30) 6946 400067

INTERNET

Password-free Wi-Fi network is available.

ABSTRACT PRESENTATION

Oral Presentations

Oral presentations will be of 10 minutes, followed by questions and will be presented at the following sessions:

Wednesday, 21 September 2022 | 10:00-11:00

RESEARCH TRACK SESSION I

Chairs: Anastasia Barbouni & Michael Toumbis
Epidemiology & Social Issues [01-06]

Wednesday, 21 September 2022 | 11:00-11:30

RESEARCH TRACK SESSION II

Chairs: Ekatherina Charvalos & Nikos Vlahos
Innovation & Novel Products [07-09]

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Wednesday, 21 September 2022 | 15:30-17:00

RESEARCH TRACK SESSION III

Chairs: Giuseppe Biondi Zoccai & Ignatios Ikonomidis
Clinical Assessment and Harm Reduction [10-18]

Thursday, 22 September 2022 | 10:00-11:00

RESEARCH TRACK SESSION IV

Chairs: Konstantinos Poulas & Amaliya Amaliya
Toxicology and aerosol chemistry [19]
Biomarkers' evaluation in animal or human studies [20-22]
Preclinical evaluation [23]
Smoking cessation [24]

Poster Presentations

Authors are required to be present to answer Scientific Committee members' questions. Approximately 5 minutes will be dedicated to each poster.

Wednesday, 21 September 2022 | 14:00-14:30

RESEARCH TRACK - POSTER SESSION I

Chairs: Emil Toldy-Schedel & Anastasia Barbouni
Epidemiology & Social Issues [25-26]
Regulatory issues [27]
Clinical Assessment and Harm Reduction [28-30]

Thursday, 22 September 2022 | 14:00-14:30

RESEARCH TRACK - POSTER SESSION II

Chair: Konstantinos Poulas & Amaliya Amaliya
Toxicology and aerosol chemistry [31-34]
Preclinical evaluation [35]

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CONFERENCE VENUE: SNFCC

Stavros Niarchos Foundation Cultural Center

364 Syggrou Avenue, 176 74 Kallithea, Greece

The 5th Scientific Summit on Tobacco Harm Reduction: Novel products, Research & Policy will be held in Athens, Greece on the 21st and 22nd September 2022, in Stavros Niarchos Foundation Cultural Center, at the Lighthouse.

Multifunctional Room 2 will be available for members of the Press at the Ground Floor, in The National Library premises.

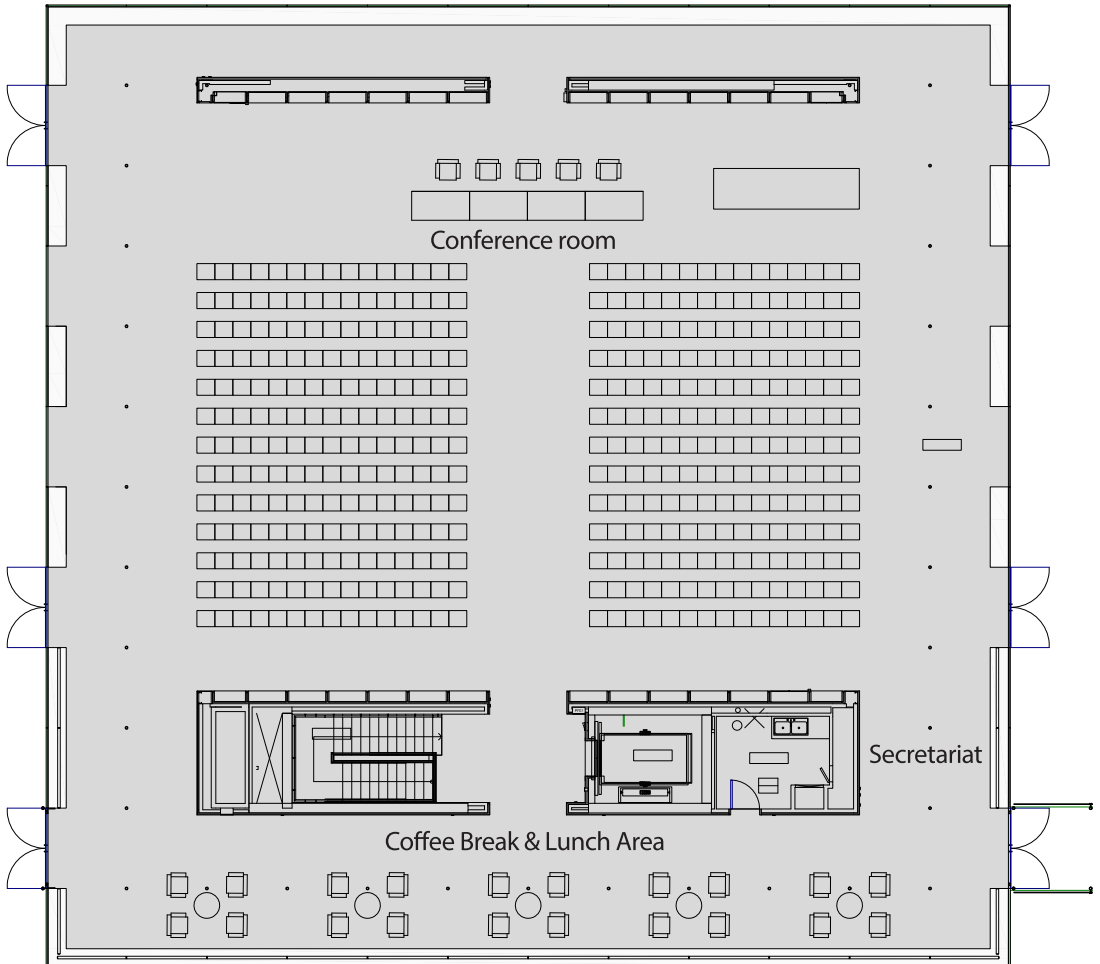
The Stavros Niarchos Foundation Cultural Center is a multifunctional and environmentally sustainable education, arts, and recreation complex which comprises of the 210,000 m² Stavros Niarchos Park, the new, state-of-the-art facilities of the National Library of Greece (NLG) and the Greek National Opera (GNO). The SNFCC is an exclusive donation of the Stavros Niarchos Foundation (www.SNF.org) to the Greek state.

GENERAL INFORMATION

FLOOR PLAN

The Lighthouse

- Conference room
- Coffee Break & Lunch Area
- Secretariat



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FINAL PROGRAMME

Programme as of 15/09

FINAL PROGRAMME

WEDNESDAY, 21.9.2022

Hall: THE LIGHTHOUSE, SNFCC

9:30-10:00 **REGISTRATIONS**

10:00-11:00 **RESEARCH TRACK SESSION I**

Epidemiology & Social Issues [01-06]

Chairs: **Anastasia Barbouni & Michael G. Toumbis**

- 01 SURVEY OF SMOKING BEHAVIOR, PERCEPTION AND GENERAL KNOWLEDGE REGARDING E-CIGARETTE AMONG MEDICAL STUDENTS IN THAILAND
WITHDRAWN
- 02 EVOLUTION OF SMOKING PREVALENCE IN JAPAN FOLLOWING THE INTRODUCTION OF HEATED TOBACCO PRODUCTS
Ondrej Koumal
Philip Morris International
- 03 TWO-THIRDS OF THE DAILY USERS OF E-CIGARETTES AND HEATED TOBACCO ARE PEOPLE WHO PREVIOUSLY SMOKED TRADITIONAL CIGARETTES BUT CURRENTLY DO NOT SMOKE
Piotr Samel-Kowalik, Filip Raciborski, Bolesław Samoliński
Department of Prevention of Environmental Hazards, Allergology and Immunology, Medical University of Warsaw, Poland
- 04 TEMPORAL CHANGES IN A NOVEL HEATED TOBACCO PRODUCT'S (IQOSTM) RISK PERCEPTION: EVIDENCE FROM JAPAN'S ROLLING POST MARKET CROSS-SECTIONAL (PMX) SURVEYS
Suzana Almoosawi¹, Karina Fischer¹, Pitt Bargfried², Gerd Kallischnigg², Bertram Zwisele², Medy Ehtesham¹, Steve Roulet¹, Pierpaolo Magnani¹
¹*Philip Morris International*
²*Argus GMBH*

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- 05 PERCEPTIONS AND ATTITUDES OF PATIENTS WITH MENTAL ILLNESS TOWARDS SMOKING IN GREECE
Georgia Papadosifaki^{1,2}, Anastasia Barbouni¹, Areti Lagiou¹, Konstantinos Farsalinos¹
¹Department of Public and Community Health, University of West Attica, Greece
²Psychiatric Hospital of Attica, Greece
- 06 PERCEIVED REDUCED FORMATION OF HARMFUL CHEMICALS AND PERCEIVED REDUCED RISK OF HARM IMPACT EXCLUSIVE USE OF THE HEATED TOBACCO PRODUCT IQOSTM: A PROSPECTIVE CONSUMER COHORT STUDY IN FOUR CULTURALLY AND SOCIO-ECONOMICALLY DIFFERENT COUNTRIES
Karina Fischer¹, Steve Roulet¹, Andreea Surducu², Mario Colombo², Pierpaolo Magnani¹
¹PMI R&D, Philip Morris Products S.A., Neuchâtel, Switzerland
²Smartech s.r.l., Milano, Italy
- 11:00-11:30 **RESEARCH TRACK SESSION II**
Innovation & Novel Products [07-09]
Chairs: **Ekatherina Charvalos & Nikos Vlahos**
- 07 THE EFFECT OF SMOKING ON EXHALED CARBON MONOXIDE AND ARTERIAL ELASTICITY DURING PROLONGED SURGICAL MASK USE IN THE COVID-19 ERA
Ignatios Ikonomidis¹, **Konstantinos Katogiannis**¹, Kallirhoe Kourea¹, Gavriella Kostelli¹, Damianos Tsilivarakis¹, Vaia Lambadiari², Dimitrios Kouretas³, Giuseppe Biondi-Zoccai^{4,5}
¹2nd Cardiology Department, Attikon University Hospital, Medical School, National and Kapodistrian University of Athens, Greece
²2nd Department of Internal Medicine, Research Unit and Diabetes Centre, Attikon University Hospital, Medical School, National and Kapodistrian University of Athens, Greece
³Department of Biochemistry and Biotechnology, University of Thessaly, Larissa, Greece

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⁴*Department of Medico-Surgical Sciences and Biotechnologies, Sapienza University of Rome, Latina, Italy*

⁵*Mediterranea Cardiocentro, Napoli, Italy*

- 08** SMOKING BEHAVIORS AND OPINIONS OF ADULT STUDENTS FROM GREEK PUBLIC IEK
Marianna-Foteini Dafni, Zisimos Likudis
Department of Public and Community Health, School of Public Health, University of West Attica, Athens, Greece

- 09** HARM REDUCTION ASSOCIATION IN KAZAKHSTAN
Gintautas-Yuozas Kentra, Bakhyt Tumenova
ALE "Densaulyk", Republic of Kazakhstan

11:30-12:00 **BREAK**

12:00-12:30 **OFFICIAL OPENING**
Goals of the 5th Scientific Summit on THR
Ignatios Ikonomidis
Welcome address
Athanassios Tsakris

12:30-13:00 **KEYNOTE SPEECH**
Current challenges that governments face in smoking control - the New Zealand case
Chair: *David T. Sweanor J.D.*
Speaker: *Marewa Glover*

13:00-13:30 **PANEL DISCUSSION**
Current challenges that governments face in smoking control
Moderator: *David T. Sweanor J.D.*

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Panelists:

- **Vassilis Kontozamanis** - Greece
- **Karl E. Lund** - Norway
- **Sharifa Ezat Wan Puteh** - Malaysia
- **Michael G. Toumbis** - Cyprus

13:30-14:30

BREAK

14:00-14:30

RESEARCH TRACK - POSTER SESSION I

Chairs: **Emil Toldy-Schedel & Anastasia Barbouni**

Epidemiology & Social Issues [25-26]

25 HOLISTIC APPROACH FOR TOBACCO HARM REDUCTION STRATEGY
IN INDONESIA

Kholil Kholil¹, Hifni Alifahmi², Ariyo Bimmo³, **Muhammad-Ilham Karim³**

¹Faculty of Engineering, Universitas Sahid Jakarta, Indonesia

²Postgraduate School, Universitas Sahid Jakarta, Indonesia

³Koalisi Indonesia Bebas Tar (KABAR), Indonesia

26 PREVALENCE PATTERNS OF COMBUSTIBLE TOBACCO PRODUCTS
AND NON-COMBUSTIBLE ALTERNATIVES IN THE GREEK POPULATION

Vasiliki Engeli, Vana Sypsa

Department of Hygiene, Epidemiology and Medical Statistics, Medical School,
National and Kapodistrian University of Athens, Greece

Regulatory issues [27]

27 MODELING THE POPULATION HEALTH IMPACT OF A MODIFIED RISK CLAIM
ON AN EXISTING ENDS PRODUCT

Nathan M. Holt¹, Changhua Zhan¹, Saul Shiffman², Ryan A. Black¹,
Stacey A. McCaffrey¹

¹Juul Labs, Inc.

²Pinney Associates, Inc.

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Clinical Assessment and Harm Reduction [28-30]

- 28 GINGIVAL RESPONSE IN VAPERS DURING EXPERIMENTAL GINGIVITIS:
A PRELIMINARY STUDY
Amaliya Amaliya¹, Jimmy Gunawan², Agus Susanto¹
*¹Department of Periodontology, Dental Faculty, Universitas Padjadjaran,
Bandung, Indonesia*
²Private Practice, Periodontist, Jakarta, Indonesia
- 29 THE EFFECT OF SHIFTING TO HEATED TOBACCO PRODUCTS ON METABOLIC
SYNDROME IN LONG-TERM CIGARETTE SMOKERS: PRELIMINARY RESULTS OF
A THREE-YEAR FOLLOW-UP
Almaz Sharman, Irina Yermakova, Elmira Erenchina, Gulnara Tyulebekova,
Aisulu Bekzhanova
*Clinical Research Unit, Academy of Preventive Medicine, Almaty, Republic of
Kazakhstan*
- 30 BIOMARKERS OF EXPOSURE AND POTENTIAL HARM IN EXCLUSIVE USERS OF
VELO NICOTINE POUCHES AND CURRENT, FORMER AND NEVER SMOKERS
David Azzopardi, Linsey E. Haswell, Justin Frosina, Michael McEwan, Nathan
Gale, Jesse Thissen, Filimon Meichanetzidis, George Hardie
*Research and Development, B.A.T. (Investments) Limited, Southampton, United
Kingdom*

14:30-15:30

PANEL DISCUSSION

Challenges & Best Practices in Smoking Cessation: Global experiences

Moderator: **Fares Mili**

Panelists:

- **Michael G. Toumbis** - Cyprus
- **Uta Ouali** - Tunisia
- **Kallirrhoe Kourea** - Greece

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15:30-17:00

RESEARCH TRACK SESSION III

Clinical Assessment and Harm Reduction [10-18]

Chairs: *Ignatios Ikonomidis & Giuseppe Biondi Zoccai*

- 10 SMOKING IN THE RUSSIAN FEDERATION AND POINTS OF REVIEWING THE PREVENTION STRATEGY FOR SMOKING ASSOCIATED DISEASES
Anna Isaeva^{1,2}
¹State Autonomous Healthcare Institution of the Sverdlovsk Region "Central City Hospital No. 20", Yekaterinburg, Russian Federation
²State Federal-Funded Educational Institution of Higher Professional Training "Ural State Medical University" of the Ministry of Health of the Russian Federation, Yekaterinburg, Russian Federation
- 11 A SYSTEMATIC REVIEW AND META-ANALYSIS ON THE EFFECT OF HEATED TOBACCO PRODUCTS VS TRADITIONAL TOBACCO CIGARETTES ON HEART RATE, BLOOD PRESSURE AND OTHER PREDICTORS OF CARDIOVASCULAR RISK AMONG ADULT SMOKERS
Marie A. Barrientos-Regala^{1,2}, Joan Dymphna P. Reaño^{1,2}, Reginald P. Arimado¹,
Rafael R. Castillo^{1,2,3}
¹CardioMetabolic Research Unit (CaMeRU), FAME Leaders Academy, Makati City, Philippines
²Section of Adult Cardiology, Department of Internal Medicine, Manila Doctors Hospital, Manila, Philippines
³College of Medicine, Adventist University of the Philippines, Silang, Cavite, Philippines
- 12 ARE HEATED TOBACCO PRODUCTS A PRAGMATIC MIDDLE GROUND FOR RECALCITRANT SMOKERS? REVISITING THE PROBLEM IN THE CONTEXT OF THE CURRENT PANDEMIC
Rafael R. Castillo^{1,2}, Marie A. Barrientos-Regala^{1,2}, Joan Dymphna P. Reaño^{1,2}, Reginald P. Arimado²
¹Manila Doctors Hospital, Manila, Philippines
²Cardio-Metabolic Research Unit (CaMeRU), FAME Leaders Academy, Makati City, Philippines

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- 13 THE INCIDENCE OF POST-COVID BRONCHO-OBSTRUCTIVE SYNDROME (BOC) IN PATIENTS WITH A NEW CORONAVIRUS INFECTION DEPENDING ON SMOKING STATUS
Natalya Esaulova
LLC Medical Association "New Hospital", Yekaterinburg, Russian Federation
- 14 BIOMARKERS OF EXPOSURE AND POTENTIAL HARM IN EXCLUSIVE USERS OF ELECTRONIC CIGARETTES AND CURRENT, FORMER AND NEVER-SMOKERS: A CROSS-SECTIONAL CLINICAL STUDY PROTOCOL
Nathan Gale, **Linsey E. Haswell**, Michael McEwan, David Azzopardi, Jesse Thissen, George Hardie
R&D Centre, B.A.T. (Investments) Limited, Southampton, United Kingdom
- 15 THE RELATIONSHIP OF MULTIFOCAL ATHEROSCLEROSIS, GENDER AND LIPID PROFILE PARAMETERS IN ACTIVE SMOKERS COMPARED TO PATIENTS WHO USED THS
Elizaveta G. Skorodumova
I.I. Dzhanlidze Research Institute of Emergency Medicine, Saint Petersburg, Russian Federation
- 16 HEAD AND NECK SQUAMOUS CELL CARCINOMA BY ANALYSIS OF TUMOR MICROENVIRONMENT
Dumitru Brînză
Institute of Oncology, Republic of Moldova
- 17 FAVOURABLE CHANGES IN BIOMARKERS OF POTENTIAL HARM WHEN SWITCHING FROM CIGARETTE SMOKING TO USING A TOBACCO HEATING PRODUCT FOR 12-MONTHS
George Hardie, Nathan Gale, Michael McEwan, Sharon Goodall
British American Tobacco (Investments) Limited, Research and Development, Southampton, United Kingdom

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18 CREATING CONFUSION: MISREPRESENTING SCIENTIFIC EVIDENCE
JEOPARDIZES PUBLIC HEALTH

Carrie Wade, Markus Nordlund
Philip Morris International

17:00-17:30 **BREAK**

17:30-18:30 **PANEL DISCUSSION**

**Evidence-based policy making, politics & society: The case of Tobacco
Harm Reduction**

Moderator: **Natassa Spagadorou**

Panelists:

- **Maria Spyraiki** - Greece
- **Zoi-Dorothea Pana** - Cyprus
- **Andrzej Fal** - Poland
- **Giuseppe Biondi Zoccai** - Italy

18:30-19:30 **COCKTAIL**

19:30 **END OF THE 1st DAY OF THE 5th SUMMIT**

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THURSDAY, 22.9.2022

Hall: THE LIGHTHOUSE, SNFCC

9:30-10:00 REGISTRATIONS

10:00-11:00 RESEARCH TRACK SESSION IV

Chairs: **Konstantinos Poulas & Amaliya Amaliya**

Toxicology and aerosol chemistry [19]

19 COMPARATIVE ASSESSMENT OF ELECTRONIC NICOTINE DELIVERY SYSTEMS
AEROSOL AND CIGARETTE SMOKE ON ENDOTHELIAL CELL MIGRATION: THE
REPLICA PROJECT

Massimo Caruso^{1,2}, Rosalia Emma¹, Alfio Distefano¹, Sonja Rust³, Konstantinos Poulas^{4,5}, Antonio Giordano⁶, Vladislav Volarevic⁷, Konstantinos Mesiakaris^{4,5}, Silvia Boffo⁶, Aleksandar Arsenijevic⁷, Georgios Karanasios^{4,5}, Roberta Pulvirenti¹, Aleksandar Ilic⁷, Angelo Canciello⁶, Pietro Zuccarello⁸, Margherita Ferrante⁸, Riccardo Polosa^{2,3,9}, Giovanni Li Volti^{1,2} (Replica Project Group)

¹Department of Biomedical and Biotechnological Sciences, University of Catania, Italy

²Center of Excellence for the Acceleration of Harm Reduction (CoEHAR), University of Catania, Italy

³ECLAT Srl, spin off of the University of Catania, Italy

⁴Institute for Research and Innovation, IRIS, Patras Science Park, Patras, Greece

⁵Laboratory of Molecular Biology and Immunology, Department of Pharmacy, University of Patras, Greece

⁶Sbarro Institute for Cancer Research and Molecular Medicine, Department of Biology, College of Science and Technology, Temple University, Philadelphia, USA

⁷Center for Molecular Medicine and Stem Cell Research, Department of Microbiology and Immunology, Faculty of Medical Sciences, University of Kragujevac, Serbia

⁸Department of Medical, Surgical Sciences and Advanced Technologies "G.F.

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Ingrassia, University of Catania, Italy

⁹*Department of Clinical and Experimental Medicine, University of Catania, Italy*

Biomarkers' evaluation in animal or human studies [20-22]

- 20 HEALTH RISK PROFILE COMPARISON OF TOBACCO HEATING SYSTEM (THS) PRODUCTS VERSUS INDONESIAN "KRETEK" CIGARETTE
Rahmana-Emran Kartasasmita, Daryono-Hadi Tjahjono, Fransiska Kurniawan, Tasia Amelia, Aderian-Novito Setiawan
School of Pharmacy, Bandung Institute of Technology, Indonesia
- 21 COMPARISON OF BIOMARKERS OF EXPOSURE TO NICOTINE, VOLATILE ORGANIC COMPOUNDS, AND HEAVY METALS IN US ADULT SMOKERS, EXCLUSIVE USERS OF ELECTRONIC NICOTINE DELIVERY SYSTEMS, AND DUAL USERS, PATH WAVE 5
Nathan M. Holt¹, Saul Shiffman², Ryan A. Black¹, Nicholas I. Goldenson¹, Mark A. Sembower², Michael J. Oldham¹
¹*Juul Labs, Inc.*
²*Pinney Associates, Inc.*
- 22 NICOTINE EFFECTS ON ANXIETY BEHAVIOR AND BRAIN BIOCHEMICAL MARKERS IN ADULT MALE MICE
Korina Atsopardi^{1,2}, **Konstantinos Mesiakaris**¹, Ioannis Plastourgos², Marigoula Margarity², Konstantinos Poulas¹
¹*Laboratory of Molecular Biology and Immunology, Department of Pharmacy, University of Patras, Rio, Greece*
²*Laboratory of Human and Animal Physiology, Department of Biology, University of Patras, Rio, Greece*
- Preclinical evaluation [23]**
- 23 IN VITRO MUTAGENICITY POTENTIAL OF A POD-BASED E-CIGARETTE AEROSOL COMPARED TO CIGARETTE SMOKE: THE REPLICA PROJECT
Massimo Caruso^{1,2}, Virginia Fuochi¹, Rosalia Emma¹, Sonja Rust³, Alfio Distefano¹, Riccardo Polosa^{2,3,4}, Giovanni Li Volti^{1,2}

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¹Department of Biomedical and Biotechnological Sciences, University of Catania, Italy

²Center of Excellence for the Acceleration of Harm Reduction (CoEHAR), University of Catania, Italy

³ECLAT Srl, spin off of the University of Catania, Italy

⁴Department of Clinical and Experimental Medicine, University of Catania, Italy

Smoking cessation [24]

- 24 THE VALUE OF FAGERSTROM SCORE IN PREDICTING RECURRENCE OF SMOKING SIX MONTHS AFTER AN ACUTE MYOCARDIAL INFRACTION
Ignatios Ikonomidis¹, John Thymis¹, **Kallirhoe Kourea¹**, Gavriella Kostelli¹, Antria Neocleous¹, Konstantinos Katogiannis¹, George Makavos¹, Eftihia Polyzogopoulou², Panagiotis Plotas³, Vaia Lambadiari³, John Parissis²
¹2nd Cardiology Department, Attikon University Hospital, Medical School, National and Kapodistrian University of Athens, Greece
²Emergency Medicine Department, Attikon University Hospital, National and Kapodistrian University of Athens, Greece
³2nd Department of Internal Medicine, Research Unit and Diabetes Centre, Attikon University Hospital, Medical School, National and Kapodistrian University of Athens, Greece

- 11:00-11:30 **KEYNOTE SPEECH**
How can we encourage and establish Harm Reduction while protecting youth from adopting the use of nicotine?
Chair: **Konstantinos Farsalinos**
Speaker: **Lion Shahab**
- 11:30-12:00 **BREAK**
- 12:00-13:00 **PANEL DISCUSSION**
Ethics and Harm Reduction perspective in Tobacco Control
Moderator: **Takis Vidalis**

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Panelists:

- **David T. Sweanor J.D.** - Canada
- **Panos E. Vardas** - Greece
- **Konstantinos Farsalinos** - Greece

13:00-13:30

KEYNOTE SPEECH

Tobacco Harm Reduction: a pillar of public health facing controversies

Chair: **Anastasia Barbouni**

Speaker: **Piotr Kuna**

13:30-14:30

BREAK

14:00-14:30

RESEARCH TRACK - POSTER SESSION II

Toxicology and aerosol chemistry [31-34]

Chairs: **Konstantinos Poulas & Amaliya Amaliya**

- 31 WHAT HAPPENS WHEN YOU HEAT NICOTINE MOLECULE IN DIFFERENT ATMOSPHERES – A MOLECULAR MODELLING PERSPECTIVE
Mereme Idrizi¹, Blagoj Achevski¹, Hrisanta Godzo¹, Jasmina Tonic-Ribarska¹, **Ljupcho Pejov**^{2,3}
¹Faculty of Pharmacy, SS. Cyril and Methodius University, Skopje, North Macedonia
²Faculty of Natural Sciences and Mathematics, SS. Cyril and Methodius University, Skopje, North Macedonia
³Department of Chemistry, Bioscience and Environmental Engineering, Faculty of Science and Technology, University of Stavanger, Norway
- 32 CANCER RISK ASSESSMENT OF HEATED TOBACCO PRODUCTS AEROSOL BASED ON DIFFERENT METHODOLOGIES COMPARISON
Ecaterina Mazur
Nicolae Testemitanu University State of Medicine and Pharmacy, Chisinau, Republic of Moldova

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- 33 JUUL IN VITRO TOXICOLOGY, A COMPARATIVE ASSESSMENT BETWEEN LUNG AND BRONCHIAL CELL LINES

Konstantinos Mesiakaris^{1,2}, Aggeliki Thanasoula¹, Maria C. Kotsira¹, Marilena Kaperoni^{1,2}, Konstantinos Poulas^{1,2}

¹Laboratory of Molecular Biology and Immunology, Department of Pharmacy, University of Patras, Rio, Greece

²Institute for Research and Innovation, IRIS, Patras Science Park, Patras, Greece

- 34 1R6F WHOLE SMOKE VS VAPOR PHASE CELL TOXICITY: ESTABLISHING AN AIR-LIQUID INTERFACE EXPOSURE SYSTEM

Konstantinos Mesiakaris^{1,2}, Marilena Kaperoni^{1,2}, Konstantinos Poulas^{1,2}

¹Laboratory of Molecular Biology and Immunology, Department of Pharmacy, University of Patras, Rio, Greece

²Institute for Research and Innovation, IRIS, Patras Science Park, Patras, Greece

Preclinical evaluation [35]

- 35 CAN B-ESCIIN MAKE CIGARETTE SMOKERS HEALTHIER? THE USE OF HORSE CHESTNUT SEED EXTRACT IN TOBACCO HARM REDUCTION

Malwina Sołtysiak, Magdalena Paplińska-Goryca, Paulina Misiukiewicz-Stępień, Paulina Wójtowicz, Rafał Krenke, **Katarzyna Koziak**

Medical University of Warsaw, Poland

14:30-15:30 **PANEL DISCUSSION**

Smoking disparities within low smoking prevalence countries

(Addressing the needs of populations at risk and learnings for high prevalence countries)

Moderator: **David T. Sweanor J.D.**

Panelists:

■ **Helen Redmond** - USA

■ **Peter Harper** – UK

■ **Rafael R. Castillo** - Philippines

■ **Solomon T. Rataemane** - South Africa

FINAL PROGRAMME

15:30-16:30

PANEL DISCUSSION

The value of Health Economics perspectives to assess THR

Moderator: **Andrzej Fal**

Panelists:

- **Emanuele Bracco** - Italy
- **Yikai Wang** - UK
- **Arkadi Sharkov** - Bulgaria

16:30-17:00

BREAK

17:00-18:30

PANEL DISCUSSION

THR challenges & prospect: From scientific evidence to people's needs satisfaction

Moderator:

Lina Nikolopoulou – SCOHRE Director, Greece

Rapporteur:

Solomon T. Rataemane – THR Expert, South Africa

Panelists:

- European Medical Association (EMA) - **Manuel Pais-Clemente**
- European Tobacco Harm Reduction Advocates (ETHRA) - **Tom Gleeson**
- International Network of Nicotine Consumer Organisations (INNCO) - **Charles Gardner**
- Hungarian Scientific Association for Harm Reduction and Environmental Diseases {Hungary} - **Emil Toldy-Schedel**
- Platform for the Reduction of Harm due to Tobacco Consumption {Spain} - **Fernando Fernández Bueno**
- Indonesian Tar Free Coalition (KABAR) {Indonesia} - **Amaliya Amaliya & Muhammad-Ilham Karim**
- DIRETA {Brazil} - **Alexandro Lucian**
- Tunisian Society of Tobaccology and Addictive Behaviors {Tunisia} - **Fares Mili & Uta Ouali**

5th Scientific Summit

Tobacco Harm Reduction:
Novel products, Research & Policy

21-22 SEPTEMBER 2022 | ATHENS
STAVROS NIARCHOS FOUNDATION CULTURAL CENTER

FINAL PROGRAMME

■ SCOHRE, International Association on Smoking Control & Harm Reduction
– *Ignatios Ikonmidis*

18:30-19:00 **OFFICIAL CLOSING**

Concluding remarks of the 5th Scientific Summit

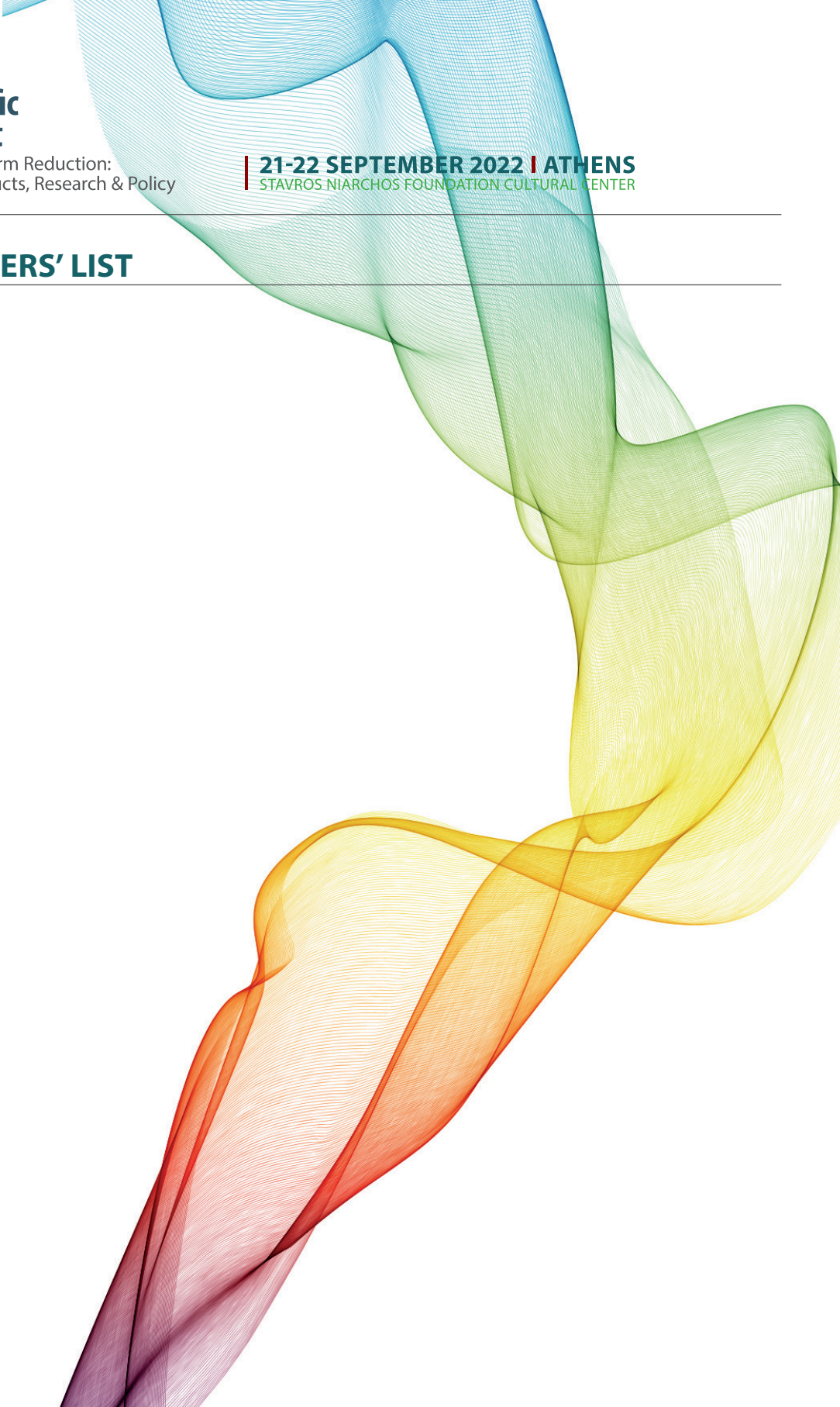
19:00 **END OF THE 5th SUMMIT**

5th Scientific Summit

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SPEAKERS' LIST



SPEAKERS' LIST

Amaliya Amaliya	M.Sc., PhD, Dentist, Department of Periodontology, Dental Faculty, Universitas Padjadjaran, West Java, Indonesia
Anastasia Barbouni	MD, MSc, PhD, Professor of Public Health and Disease prevention, Department of Public and Community Health, School of Public Health, University of West Attica, Athens, Greece
Giuseppe Biondi Zoccai	Associate Professor in Cardiology, Department of Medico-Surgical Sciences and Biotechnologies, Sapienza University of Rome, Italy
Emanuele Bracco	Associate Professor in Economics, University of Verona, Italy
Rafael R. Castillo	MD, MBA, FPCP, FPCC, FESC, Dean Emeritus, FAME Leaders Academy (FLA); Head, FLA Cardio-Metabolic Research Unit (CaMeRU); Consultant in Adult Cardiology, Manila Doctors Hospital; Trustee-Council Member, International Society of Hypertension (ISH); Chair, ISH International Forum and Regional Advisory Groups; Member ISH College of Experts; Past President, Philippine Heart Association-Philippine College of Cardiology, Philippine Society of Hypertension, Asian Pacific Society of Hypertension, Philippines
Ekatherina Charvalos	Professor, IASO Medical Research & Innovation department & Head of Molecular Biology department-INVITROLASBS S.A., Athens, Greece
Andrzej Fal	Prof. h.c., MD, PhD, MBA, FAAAAI, President Polish Society of Public Health; Head, Department of Allergy, Lung Diseases and Internal Medicine, Central Clinical Hospital, Ministry of Interior; Director, Institute of Medical Science, UKSW, Warsaw, Poland
Konstantinos Farsalinos	MD, MPH, Adjunct Professor, King Abdulaziz University, Saudi Arabia; Senior Researcher, University of Patras; School of Public Health, University of West Attica; Data & Media Lab, University of Peloponnese, Greece
Fernando Fernández Bueno	MD, MSc, Oncological Surgeon, Hospital Central de la Defensa Gómez Ulla, Madrid, Spain
Charles A. Gardner	PhD, Executive Director, INNCO, USA
Tom Gleeson	Co-founder of the New Nicotine Alliance Ireland and European Tobacco Harm Reduction Advocates (ETHRA) partner
Marewa Glover	Director, Centre of Research Excellence: Indigenous Sovereignty & Smoking, New Zealand
Peter Harper	Dr, Consultant, Medical Oncologist, United Kingdom

SPEAKERS' LIST

Ignatios Ikonomidis	MD, PhD, FESC, FAHA, Professor of Cardiology, Director of Echocardiography and the Laboratory of Preventive Cardiology, 2nd Cardiology Department, National and Kapodistrian University of Athens, Greece SCOHRE President
Muhammad-Ilham Karim	Chairman, Koalisi Indonesia Bebas Tar (KABAR), Indonesia
Vassilis Kontozamanis	Special Advisor to the Prime Minister of Greece
Kallirrhoe Kourea	MD, PhD, Academic Fellow in Cardiology, Medical School, National and Kapodistrian University of Athens; Smoking Cessation Clinic, 2nd Cardiology Department, Attikon Hospital, Athens, Greece
Piotr Kuna	Chairman, Department of Internal Medicine, Medical University of Lodz; Head Division of Internal Medicine, Asthma and Allergy, Barlicki University Hospital, Lodz, Poland
Alexandro Lucian	President DIRETA, Brasil
Karl E. Lund	PhD, Senior Researcher, Norwegian Institute of Public Health, Norway
Fares Mili	MD, Pulmonologist, Allergist, Specialist in addiction behaviors, President of the NGO "Société Tunisienne de Tabacologie et des comportements d' addiction (STTACA)", Tunis, Tunisia
Lina Nikolopoulou	B.Sc. Ph.D., Managing Director MINDVIEW; SCOHRE Director, Greece
Uta Ouali	Senior psychiatrist, Razi Hospital; Lecturer, University of Tunis El Manar Medical School, Tunis, Tunisia
Zoi Dorothea Pana	Lecturer, Pediatrics, Hospital Epidemiology, Infection Control and Prevention, School of Medicine, European University of Cyprus, Cyprus
Manuel Pais Clemente	MD, PhD, Retired Full Professor Department of Otorhinolaryngology, Porto University School of Medicine; Vice-President European Medical Association; President World Voice Consortium, Porto, Portugal
Konstantinos Poulas	PhD, Associate Professor of Biochemistry, Laboratory of Molecular Biology and Immunology, Department of Pharmacy, University of Patras, Greece
Solomon Tshimong Rataemane	Africa regional Rep., World Association for Psychosocial Rehabilitation, Former HOD Psychiatry UFS 1998-2003, HOD Psychiatry SMU 2003-2019, Chair: Ministerial Advisory Committee on Mental Health, Chairperson MDB HPCSA 2020-2025, South Africa
Helen Redmond	Adjunct Assistant Professor, MSW, LCSW (NY), USA

SPEAKERS' LIST

Lion Shahab	Professor of Health Psychology, University College London, UK
Arkadi Sharkov	Healthcare consultant, Bulgaria
Natassa Spagadorou	Journalist
Maria Spyraiki	MEP, Group of the European People's Party (Christian Democrats), Nea Demokratia, Greece
David T. Sweanor J.D.	Chair of the Advisory Board, Centre for Health Law, Policy & Ethics, University of Ottawa, Canada
Athanassios Tsakris	Vice-Rector of Administrative Affairs, Professor of the Department of Medicine, School of Health Sciences; Director of the University Laboratory of Microbiology, National and Kapodistrian University of Athens, Greece
Emil Toldy-Schedel	MD, General Director, St. Francis Hospital Budapest, Hungary
Michael G. Toumbis	MD, PhD, FCCP, Pneumonologist, President of the Cyprus Institute of Respiratory Diseases, Cyprus
Panos E. Vardas	Professor, MD, PhD (London, UK); Chairman of Heart Sector, Hygeia Hospitals Group; Past President of the European Society of Cardiology; Visiting Professor, Imperial College, UK; Chief Strategy Officer of ESC/ European Heart Agency, Brussels
Takis Vidalis	Ph.D., Senior Researcher, Legal Advisor, Hellenic National Commission for Bioethics & Technoethics; EGE member (European Commission)
Nikos Vlahos	MD, PhD, FACOG, Professor of Obstetrics, Gynecology and Assisted Reproduction, National and Kapodistrian University of Athens, School of Medicine, Greece
Sharifa Ezat Wan Puteh	Professor of Hospital Management and Health Economics; Deputy Dean (Relation & Wealth Creation), Faculty of Medicine, UKM Medical Centre; Previous Head of International Centre for Casemix and Clinical Coding (ITCC), UKM Medical Centre, Kuala Lumpur, Malaysia
Yikai Wang	Lecturer, Department of Economics, University of Essex, UK