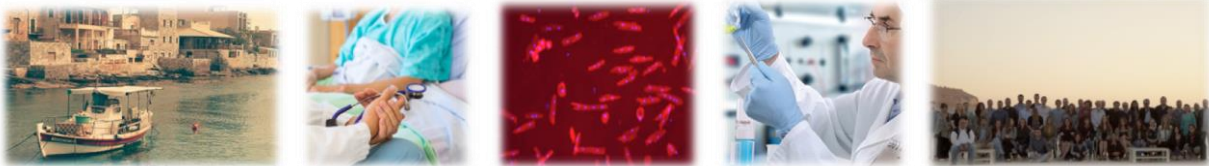


8th WHBA Summer School in Medical & Biosciences Research & Management



May 17-24, 2019

Neo Itilo, Mani Laconia & Athens, Greece

(Porto Vitilo Hotel, Neo Itilo)

<http://www.portovitilo.gr>

Friday, May 17

Students travel to Mani (Porto Vitilo Hotel, Neo Itilo)

Welcoming Remarks

Steve Boyages

President of the WHBA, University of Sydney, Australia

6:30 – 8:00 pm

Opening Keynote Lecture

Over three decades of studies of the cannabinoid system

Diomedes Logothetis *Introduction of Keynote Speaker*
Northeastern University, USA

Alexandros Makriyannis *Cannabis and Cannabinoids*
Northeastern University, USA

8:00 pm

Welcome Dinner (Hosted by the WHBA)

Saturday, May 18

AM Sessions – 8:30 am – 12:00 pm

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| 7:00 – 7:30 | <i>Νους υγιής εν σώματι υγιεί (Healthy mind in a healthy body) – Fitness</i> Paris Zoulias | |
| 8:30 – 10:00 <i>Genomics & Disease Modeling</i> | Manolis Dermitzakis <i>Genomics</i> <i>University of Geneva, Switzerland</i> Nikos Katsanis <i>Disease Modeling</i> <i>Duke University, USA</i> | Group A |
| 10:00 – 10:30 | Break | |
| 10:30 – | Stefanos Kales <i>Epidemiology</i> <i>Harvard University School of Public Health, USA</i> | |
| 12:00 – 2:00 | Lunch Break | |

PM Sessions – 2:00 pm – 5:30 pm

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| 2:00 – 3:30 <i>Metabolic Biology and Clinical Endocrinology</i> | Konstantinos Drosatos <i>Metabolic Biology</i> <i>Temple University, USA</i> Steve Boyages <i>Clinical Endocrinology</i> <i>University of Sydney, Australia</i> | Group B |
| 3:30 – 4:00 | Break | |
| 4:00 – 5:30 <i>Imaging: From single molecules to the Brain</i> | Georgios Skiniotis <i>CryoEM insights into GPCR activation and signaling</i> <i>Stanford University, USA</i> Stelios Smirnakis <i>2-Photon Imaging in Circuit Models of Disease</i> <i>Harvard Medical School, USA</i> | Group C |
| 5:30 – 6:00 | Quiz 1 | |

6:30 – 8:00 **Meet the Professors: Makriyannis , Dermitzakis, Katsanis, Kales, Drosatos, Boyages, Skiniotis, Smirnakis**

Sunday, May 19

AM Sessions – 8:30 am – 12:00 pm

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| 7:00 – 7:30 | <i>Νους υγιής εν σώματι υγιεί (Healthy mind in a healthy body) – Fitness</i> Paris Zoulias |
| 8:30 – 10:00 <i>Neurophysiology and the Brain</i> | George Mentis <i>Disease mechanisms of sensory-motor dysfunction in spinal muscular atrophy</i> Group D Columbia University, USA. Christos Proukakis <i>Brain Mosaicism</i> UCL Institute of Neurology, UK |
| 10:00 – 10:30 | Break |
| 10:30 – 12:00 <i>Neuropsychiatric and Neurodegenerative Diseases</i> | Diomedes Logothetis <i>Mechanisms of Psychosis</i> Group E Northeastern University, USA Leonidas Stefanis <i>Parkinson's Disease</i> Biomedical Research Foundation Academy of Athens, Greece |
| 12:00 – 2:00 | Lunch Break |

PM Sessions – 2:00 pm – 5:30 pm

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| 2:00 – 3:30 <i>Scientific Writing Skills</i> | <i>“How to Write Well and Get Published”</i> Manolis Dermitzakis University of Geneva, Switzerland Nicki Panoskaltsis Emory University, USA |
| 3:30 – 4:00 | Break |
| 4:00 – 5:30 <i>Presentation skills and Marketing your ideas</i> | Sakis Mantalaris <i>How to Present Well and Deliver Your Ideas</i> Georgia Tech and Emory University, USA Konstantinos Efthymiopoulos <i>Development of a Business Plan</i> PLUS Life Sciences Consulting Sàrl, Geneva, Switzerland |
| 5:30 – 6:00 | Quiz 2 |
| 6:30 – 8:00 | Meet the Professors: Mentis, Proukakis, Logothetis, Stefanis, Dermitzakis, Panoskaltsis, Mantalaris, Efthymiopoulos |

Monday, May 20

AM Sessions – 8:30 am – 12:00 pm

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| 7:00 – 7:30 | <i>Νους υγιής εν σώματι υγιεί (Healthy mind in a healthy body) – Fitness</i> Paris Zoulias |
| 8:30 – 10:00 <i>Student Presentations</i> | Groups A-C 8:30-8:55: Group A Dermitzakis, Katsanis 9:00-9:25: Group B Drosatos, Boyages 9:30-9:55: Group C Skiniotis, Smirnakis |
| 10:00 – 10:30 | Break |
| 10:30 – 12:00 <i>Student Presentations</i> | Groups D-F 10:30-10:55: Group D Mentis, Proukakis 11:00-11:25: Group E Logothetis, Stefanis |
| 11:30 – 12:15 <i>Clinical Study Design</i> | Catherine Kreatsoulas, Clinical Study Design Harvard University School of Public Health, USA |
| 12:15 – 2:00 | Lunch Break |

PM Sessions – 2:00 pm – 5:30 pm

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| 2:00 – 3:30 <i>Cardiovascular health and disease</i> | Alexandros Tselepis <i>Pathophysiology of Atherothrombosis</i> U of Ioannina, Greece Alex Spyropoulos, Clinical Aspects of Thrombosis North Shore/Long Island Jewish Health System, USA | Group F |
| 3:30 – 4:00 | Break | |
| 4:00 – 5:30 <i>Proteomic approaches in Disease</i> | Eleftherios Diamandis <i>How to discover and validate a biomarker using proteomics</i> University of Toronto, CA Spiros Garbis <i>Advancements made to serum/plasma proteomics: Implications to translational science and technology</i> Caltech, USA | Group G |
| 5:30 – 6:00 | Quiz 3 | |

6:30 – 8:00 **Meet the Professors: Kreatsoulas, Tselepis, Spyropoulos, Diamandis, Garbis**

Tuesday, May 21

AM Sessions – 8:30 am – 12:00 pm

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| 7:00 – 7:30 | <i>Νους υγιής εν σώματι υγιεί (Healthy mind in a healthy body) – Fitness</i> Paris Zoulias | |
| 8:30 – 10:00 <i>Stem Cells / Cytokine Release Syndrome</i> | Sakis Mantalaris <i>Stem Cells</i> <i>Georgia Tech and Emory University, USA</i> Nicki Panoskaltsis <i>Cytokine Release Syndrome</i> <i>Emory University, USA</i> | Group H |
| 10:00 – 10:30 | Break | |
| 10:30 – 12:00 <i>Tumor Immunotherapy and Breast Cancer</i> | Sophia Karagiannis <i>Solid Tumor Immunotherapies</i> <i>King's College London, UK</i> Eleni Andreopoulou <i>Precision Medicine in Breast Cancer</i> <i>Weill Cornell Medical College, USA</i> Quiz for 5/21 sessions will be given on 5/22 as part of Quiz 4 | Group I |
| 12:00 – 1:30 | Lunch Break (Hosted by the WHBA) | |
| 12:15 – 1:00 | Eleni Drakaki <i>History of Mani and Diros</i> <i>New York University, USA</i> | |
| 2:00 – 8:00 | Recreation in Mani (Hosted by the WHBA) | |

Wednesday, May 22

AM Sessions – 8:30 am – 12:00 pm

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| 7:00 – 7:30 | <i>Νους υγιής εν σώματι υγιεί (Healthy mind in a healthy body) – Fitness</i> Paris Zoulias | |
| 8:30 – 10:00 <i>Cancer Biology: General and Specific</i> | Evi Giannakakou <i>Cancer Biology Weill Cornell Medical College, USA</i> Petros Grivas <i>Genitourinary Cancer University of Washington, USA</i> | Group J |
| 10:00 – 10:30 | Break | |
| 10:30 – 12:00 <i>Cell therapies in Cancer</i> | Philip Tsihchlis <i>AKTs in Cancer Ohio State University, USA</i> A. Paola Rojas-Gil <i>Olive oil polyphenols in cancer University of the Peloponnese, Greece</i> | Group K |
| 12:00 – 2:00 | Lunch Break | |

PM Sessions – 2:00 pm – 5:30 pm

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| 2:00 – 3:30 <i>The Decision to pursue a career abroad and Publication Process</i> | WORKSHOPS “Faculty and Students will participate in one of the two activities listed below and discuss the points raised by the presentations” Petros Grivas <i>Crossing the Atlantic: Opportunities and Challenges University of Washington, USA</i> Room TBD Eleftherios Diamandis <i>Democratization of Scientific Publishing University of Toronto, CA.....Room TBD</i> | |
| 3:30 – 4:00 | Break | |
| 4:00 – 5:30 <i>Pharma Career: Big & Medium size</i> | RESEARCH & DEVELOPMENT IN PHARMA Dimitris Papanicolaou <i>Novartis, USA</i> Dimitris Skokos <i>T Cell Dysfunction and Cancer Immunotherapy Regeneron, USA</i> | |
| 5:30 – 6:00 | Quiz 4 | |
| 6:30 – 8:00 | Meet the Professors: Mantalaris, Panoskaltsis, Karagiannis, Andreopoulou, Giannakakou, Grivas, Tsihchlis, Rojas-Gil, Papanicolaou, Skokos | |

Thursday, May 23

AM Sessions – 8:30 am – 12:00 pm

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| 7:00 – 7:30 | <i>Νους υγιής εν σώματι υγιεί (Healthy mind in a healthy body) – Fitness</i> Paris Zoulias |
| 8:30 – 10:00 <i>Student Presentations</i> | Groups G-I 8:30-8:55: <i>Group F Spyropoulos</i> 9:00-9:25: <i>Group G Diamandis, Garbis</i> 9:30-9:55: <i>Group H Mantalaris, Panoskaltsis</i> |
| 10:00 – 10:30 | Break |
| 10:30 – 12:00 <i>Student Presentations</i> | Groups D-F 10:30-10:55: <i>Group I Tsihliis, Rojas-Gil</i> 11:00-11:25: <i>Group J Giannakakou, Grivas</i> 11:30-11:55: <i>Group K Karagiannis, Skokos</i> |
| 12:00 – 2:00 | Lunch Break |

PM Sessions – 2:00 pm –

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| 2:00 – 2:45 | Student and Faculty Awards |
| 2:45 – 3:00 | PICTURES BY THE POOL |
| 3:00 – 4:00 | Optional Eleftherios Diamandis <i>A mentorship lecture with lots of rock and roll music ... and a quiz</i> |
| 4:00 – 6:00 | FREE TIME |
| 6:00 – 7:30 | Closing Keynote Lecture Alexandros Makriyannis <i>Introduction of Keynote Speaker</i> <i>Northeastern University, USA</i> George Behrakis <i>Philanthropy from Wealth through Science</i> <i>Boston, USA</i> |
| 8:00 | DINNER (<i>Hosted by the WHBA</i>) |
| 10:00 – | PARTY |

Friday, May 24

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| 11:30 am | DEPARTURE TO ATHENS |
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The 8th WHBA Summer School is grateful to Konstantinos (Costas) Drosatos, without whom this wonderful educational event would not have been possible this year promising to enjoy similar success it has had for the past 7 years.

Additionally, the following faculty were gracious volunteering their time to review student applications and offer their selection recommendations. Two faculty evaluated independently 8-10 applications and average scores were generated that once ranked were re-examined and discussed. Without a transparent evaluation process, we could not have had the terrific classes of students we have attracted to the Summer School over the years.

| Name | Position | University |
|------------------------------|----------------------|---|
| Konstantinos Hatzistergos | Assistant Professor | University of Miami |
| Ioanna Mosialou | Assistant Professor | Columbia University |
| Georgia Fousteri | Group Leader | San Raffaele Hospital Research Institute, Milan |
| Ioannis Prassas | Staff Scientist | Mount Sinai Hospital - Univ of Toronto |
| Eleni Anastasiadou | Senior Scientist | Sapienza Universita Di Roma |
| Sergios-Orestis Kolokotronis | Assistant Professor | SUNY Downstate Medical Center |
| Paschalis Doulias | Assistant Professor | University of Pennsylvania |
| Dimitris Avgerinos | Assistant Professor | Weill Cornell Medical College |
| Ageliki Tsagaratou | Assistant Professor | University of North Carolina |
| Christoforos Thomas | Assistant Professor | University of Pennsylvania |
| Tania Kourtidou | Assistant Professor | Weill Cornell Medical College |
| Ioannis Zervantonakis | Assistant Professor | UPMC |
| Elias Spanakis | Assistant Professor | University of Maryland |
| Evangelos Kiskinis | Assistant Professor | Northwestern University |
| Stavros Stavrakis | Associate Professor | University of Oklahoma |
| Ioannis Koutroulis | Assistant Professor | Children's National Hospital - GWU |
| Athanasios Vasilopoulos | Assistant Professor | Northwestern University |
| Konstantinos Charitakis | Assistant Professor | University of Texas |
| Serafeim Tsitsilonis | Head of Mol. Surgery | Charite - Medicine |
| Panagiotis Kratimenos | Assistant Professor | Children's National Hospital - GWU |
| Thales Papagiannakopoulos | Assistant Professor | NYU School of Medicine |
| Georgios Kitsios | Assistant Professor | UPMC |
| Konstantinos Stellos | Professor | Newcastle University |
| Vanna Zachariou | Professor | Icahn School of Medicine at Mount Sinai |