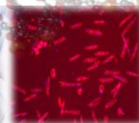




World
Hellenic
Biomedical
Association
WHBA, Inc.

10th International Summer School in Medical Biosciences Research & Management May 15-21, 2022

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Under the auspices of



HELLENIC REPUBLIC
MINISTRY OF FOREIGN AFFAIRS
GENERAL SECRETARIAT FOR GREEKS ABROAD AND
PUBLIC DIPLOMACY

Organizing Committee

Co-chairs

Petros Grivas (University of Washington, USA)

Thales Papagiannakopoulos (New York University, USA)

Junior members

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Currently: PhD Candidate, Democritus University of Thrace

Angelos Kollias (WHBA Summer School Class of 2021)

Currently: Master's Student, National and Kapodistrian University of Athens

Christos Lisgaras (WHBA Summer School Class of 2014 & 2015)

Currently: Post-doctoral Fellow, New York University Langone Health

Marilena Melas (WHBA Summer School Class of 2020)

Currently: Assistant Clinical Lab Director, New York Genome Center

Christina Niavi (WHBA summer school 2019)

Currently: PhD candidate, Emory University

Efrosini Tsouko (WHBA Summer School Class of 2014)

Currently: Post-doctoral research associate, Baylor college of Medicine

Sunday May 15, 2022

6:30 – 8:00 pm

OPENING CEREMONY

Welcoming Remarks from the Organizing Committee, WHBA Board and the Secretary General for Greeks Abroad & Public Diplomacy

“The Roy & Diana Vagelos Opening Lecture” Dr. Elisa Konofagou (Columbia University, USA)

Introduction by: Christos Lisgaras

8:00 pm

DINNER sponsored by WHBA

Monday May 16, 2022

| | |
|-----------------|--|
| 8:00 – 8:30 am | “How to Convey Successfully Your Ideas in Scientific Presentations and Publications |
| 8:30 – 10:00 | Immunology seen by different lenses Infection Immunology Peter Katsikis, Erasmus University Netherlands Synthetic and Systems Immunology: Alexander Yermanos, ETH Zurich |
| 10:30 – 12:00 | Innovative immunotherapeutic applications Artificial Abs, RNA/DNA editing Nina Papavasiliou, DKFZ and Rockefeller University RNA delivery therapeutics in Immunology Erietta Stelekati, University of Miami |
| 12:00 – 2:00 pm | LUNCH/NETWORKING |
| 2:00 – 3:30 | Immune Tolerance in Health and Disease Panagiotis Verginis, University of Crete Immune Checkpoint Inhibitors Filipos Porichis, EMD Serono, Inc. - Merck KGaA |
| 4:00 – 4:45 | Principles of neural computation and navigation Dora Angelaki, New York University |
| 4:45 – 5:30 | Structural Biology in the AlphaFold era: understanding mechanisms and designing new pharmaceuticals Anastasis Perrakis, Netherlands Cancer Institute |
| 5:30 – 6:00 | QUIZ |
| 6:30 – 8:00 | MEET THE PROFESSORS |
| 8:00 – 10:00 | DINNER/NETWORKING |

Tuesday May 17, 2022

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|-----------------|--|
| 8:00 – 10:00 am | Genomic Medicine Stylianios Antonarakis, University of Geneva Medical School Precision Oncology-Laboratory Genomics Florentia Fostira, NCSR “Demokritos” Molecular profiling of solid tumors in the era of NGS George Nasioulas, Genekor |
| 10:30 – 12:00 | Tumor & Host Biomarkers and Therapeutics of Genitourinary Cancers Petros Grivas, University of Washington John Sfakianos, Mount Sinai |
| 12:00 – 2:00 pm | LUNCH/NETWORKING |
| 2:00 – 3:30 | Cancer Metabolomics-Signaling Thales Papagiannakopoulos, New York University Michalis Agathokleous, University of Texas Southwestern Medical Center |
| 4:00 – 4:45 | Epigenetics, Chromatin Organization, Effie Apostolou, Weill Cornell Medical College |
| 5:30 – 6:00 | QUIZ |
| 6:30 – 8:00 | MEET THE PROFESSORS |
| 8:00 – 10:00 | DINNER/NETWORKING |

Wednesday May 18, 2022

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|-----------------|--|
| 8:00 – 10:00 am | Journey in Science (challenges, conflicts, difficult situations) For Physicians For Biomedical scientists |
| 10:30 – 12:00 | Sex differences in neurobiology Christina Dalla, University of Athens Panos Roussos, Mount Sinai |
| 12:00 – 2:00 pm | LUNCH/NETWORKING |
| 2:00 – 4:00 | Normal aging and Neurodegeneration Katerina Akassoglou, UCSF Elias Pavlopoulos, Regeneron Georgios Karras, MD Anderson Cancer Center |
| 4:00 – 6:00 | WHBA Alumni Science Forum <i>Hear about the latest science that WHBA Alumni are doing! Highlighting career opportunities in academia and outside academia.</i> Christos Lisgaras, New York University Langone Health Christina Niavi, Emory University and Emory Vaccine center Marilena Mela, New York Genome Center Maria Aivalioti, Albert Einstein College of Medicine Alexandros Kokkosis, Regeneron |
| 6:30 – 7:00 | QUIZ |
| 7:30 – 9:00 | MEET THE PROFESSORS |
| 9:00 – 11:00 | DINNER/NETWORKING |

Thursday May 19, 2022

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| 9:00 – 10:00 am | How to excel in interviews, CV/Personal statement writing |
| 10:00 – 12:00 | Computational Biomedicine Dimitris Agrafiotis, Pfizer Manolis Kellis, MIT Development and implementation of AI algorithms to ensure delivery of guidelines-driven cardiovascular care Effie Andrikopoulou, University of Alabama at Birmingham |
| 12:00 – 2:00 pm | LUNCH/NETWORKING |
| 2:00 – 3:30 | Drug Discovery/Design Stefan Sarafianos (antiviral- antiSARS-CoV2 research), Emory University Christos Kyratsous (antiSARS-CoV2 Drug development), Regeneron |
| 4:00 – 5:30 | Evris Gavathiotis, Albert Einstein College of Medicine Poulikos Poulikakos, Mount Sinai |
| 6:00 – 6:30 | QUIZ |
| 7:00 – 8:30 | MEET THE PROFESSORS |
| 8:30 – 10:30 | DINNER/NETWORKING |

Friday May 20, 2022

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|-----------------|---|
| 8:30 – 10:00 am | Grant writing (1 page) - Presentations |
| 10:30 – 12:00 | Grant writing (1 page) - Presentations |
| 12:00 – 2:00 pm | LUNCH/NETWORKING |
| 2:00 – 3:30 | Tumor microenvironment, Microbiome Tumor Microenvironment Engineering Ioannis Zervantonakis, University of Pittsburgh Microbiome- innate-like T cell dialog Michael Constantinides, Scripps Research |
| 4:00 – 5:30 | Imaging Session Basic science: Fast tissue clearing Stelios Kosmidis, Columbia University Clinical imaging Alexandra Touroutoglou, MGH Harvard Medical School |
| 6:00 – 7:30 | Cardiovascular session Dimitris Kardassis, University of Crete Costas Drosatos, University of Cincinnati |
| 7:30 – 8:00 | QUIZ |
| 8:00 – 9:30 | “Distinguished Lecture” Elias Mosialos, London School of Economics Closing Keynote Lecture George Gaitanaris – Omeros Corporation Introduction: Petros Grivas |
| 9:30 – | FAREWELL DINNER |

Saturday May 21, 2022

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|----------------|--|
| 8:00 – 9:00 am | How to make science better (DEI, Advocacy, Communication) |
| 9:00 – 10:00 | CLOSING SESSION STUDENTS AWARDS presented by John Chrysoulakis, Secretary General for Greeks Abroad & Public Diplomacy GROUP PHOTO |