PRELIMINARY PROGRAMME

Novel developments for treating brain disorders
25-29 Sept 2023, Heraklion

Venue: University of Crete

MONDAY SEPT 25 - TREATMENT OPTIONS – PREVENTION, NUTRITION, DRUGS, BRAIN STIMULATION: AN INTRODUCTION

• 12.00 - Bus leaving from Heraklion
• 13.00 - Registration + Lunch
• 14.00 - Opening, Introduction and General information
  Prof. Arjan Blokland, Dr. Gunter Kenis and Prof. Kiki Sidiropoulou
• 14.15 – Dr Kay Dekkers - How to prevent brain diseases: an example of Alzheimer’s Disease
• 15.00 – Prof Gerard Clarke - How good food can maintain brain function?
• 15.45 – Break (+ mounting posters)
• 16.00 – Prof Arjan Blokland – Drugs to treat brain diseases
• 16.45 – Prof Alex Sack - Invasive and non-invasive brain stimulation to treat brain diseases: an example of Depression
• 17.30 – Coffee Break
• 18.00 – Elevator pitches of participants (ca. 10 participants)
• 19.00 – Bus leaving to restaurant
• 19.30 – Joint dinner

TUESDAY SEPT 26 – NUTRITION, LIFE STYLE & STRESS

• 08.30 - Bus leaving from Heraklion
• 09.15 – Prof Gerard Clarke (University College Cork). Stress, Immunity and the Gut Microbiome
• 10.15 – Dr Joe Firth (University of Manchester). Physical Activity and Mental Health: Getting Exercised about the Evidence
• 11.15 – Dr Siobhain O’Mahony (University College Cork). Early Life Stress: What Have We Learned from Animal Models
• 12.15 – Lunch & Poster session
• 13.15 – interactive sessions (related to theme of the day, challenging students to discuss issues in the field)
  Workshop 1 Psychotropic Drugs and the Gut Microbiome
  Moderator Prof Gerard Clarke, University College Cork
  Workshop 2 Making Food Rewarding: A Microbial Perspective
  Moderator Dr Harriet Schellekens, University College Cork
  Workshop 3 Psychobiotics for the Treatment of Depression: When and How can we target the Microbiome-gut-brain Axis
  Moderator Dr Siobhain O’Mahony
• 14.30 – Coffee Break
• 15.00 – Plenary presentations of the outcome of the workshops and discussion Moderator Dr Joe Firth
• 16.00 – Elevator pitches of participants (ca. 10 participants)
• 17.00 – Scientific Integrity and Ethics
• 18.00 – Bus leaving to Heraklion
WEDNESDAY SEPT 27 – MOLECULAR MECHANISMS & BIOMARKERS
• 08.30 - Bus leaving from Heraklion
• 09.15 - Nikos Smyrnis (University of Athens). Mechanisms underlying the cognitive symptoms in schizophrenia
• 10.15 - Kleantiki Spanaki (University of Crete). Early detection/biomarkers in Parkinson's disease
• 11.15 - Ioannis Zaganas (University of Crete). Molecular biomarkers in Alzheimer's disease
• 12.15 - Lunch & Poster session
• 13.15 - interactive sessions
  Workshop 1 - Precision medicine in neuropsychiatric disorders (or Precision psychiatry)
  Moderator: Prof Kyriaki Sidiropoulou
  Workshop 2 - The use of 'omic' approaches in identifying biomarkers for neuropsychiatric disorders.
  Moderator Dr. Alexandros Kanderakis
  Workshop 3 - Beyond molecular biomarkers: electrophysiological, imaging and environmental biomarkers
  Moderator Dr. Antonis Stamatakis
• 14.30 - Coffee Break
• 15.00 - Plenary presentations of the outcome of the workshops and discussion  Moderator XXX
• 16.00 - Bus leaving to Heraklion
• 17.00 - City tour Heraklion

THURSDAY SEPT 28 – DRUG DISCOVERY & DEVELOPMENT
Location: University of Crete Medical School
• 08.30 - Bus leaving from Heraklion
• 09.15 - Ioannis Sotiropoulos (NCSR "Demokritos"). The prognostic and therapeutic role of exosomes.
• 10.15 - Arjan Blokland (Maastricht University). Finding novel molecules for new targets for diseases
• 11.15 - Thomas Tzschentke (Boehringer). Translating preclinical and clinical effects of drugs
• 12.15 - Lunch & Poster session
• 13.15 - interactive sessions
  Workshop 1 “Can we use omics to understand and treat brain diseases?”
  Moderator Prof Ioannis Sotiropoulos
  Workshop 2 “How can we find a new drug target?”
  Moderator Prof Arjan Blokland
  Workshop 3 “A multi-disciplinary effort: What is needed to bring a new drug to the market?”
  Moderator Dr Thomas Tschentke
• 14.30 - Coffee Break
• 15.00 - Plenary presentations of the outcome of the workshops and discussion  Moderator XXX
• 16.00 - Elevator pitches of participants (8 participants)
• 17.00 - Behavioral conduct in the Lab (Ethics)
• 18.00 - Bus leaving to Heraklion

FRIDAY SEPT 29 – DIGITAL REVOLUTION
Location: University of Crete Medical School
• 08.30 - Bus leaving from Heraklion
• 09.15 - Pedro Morgado (University of Minho). The new landscape in the mental healthcare: new opportunities to provide healthcare
• 10.15 - Mariana Pinto da Costa (Kings College London). Digital solutions for Mental Health
• 11.15 - Liliana Amorim (PS Medical Digital Center). How to research on the digital health care?
• 12.15 - Lunch & Poster session
• 13.00 - Evaluation Workshop
• 13.30 - Closing
• 13.45 - Bus leaving to Heraklion