



# MSc in Molecular Biomedicine – 3<sup>rd</sup> Students' Workshop – 02.10.19

Envisioning the Future of Biomedicine, Innovation and Informatics

09.00 – 10.15 Registrations

10.15 – 10.25 Welcome by MSc Program Director, Prof. **George Kollias**

## Session 1: Immunology

10.25 – 10.55 Keynote Speaker: **Dr. Antonios Chatzigeorgiou**, Assistant Professor, NKUA

**Aigli-Ioanna (Elina) Legaki**, BRFAA

10.55 – 11.10 *Investigation of the role of Cancer Associated Fibroblasts Autophagy in shaping the anti-tumor immune response and tumor development*

**Athina Varveri**, BRFAA

11.10 – 11.25 *Cancer Associated Fibroblasts promote tumor development and facilitate Treg induction*

**Elli Stylianaki**, BSRC Alexander Fleming

11.25 – 11.40 *Investigation of Lysophosphatidic acid-induced metabolic alterations in the case of pulmonary fibrosis*

**Dimitris Nikolakis**, BSRC Alexander Fleming

11.40 – 11.55 *Development of small molecules as potential therapeutics for rheumatoid arthritis*

11.55 – 12.30 Coffee Break

## Session 2: Neurobiology

12.30 – 13.00 Keynote Speaker: **Dr. Panagiotis Politis**, Researcher C', BRFAA

**Effrosyni Koronaiou**, BRFAA

13.00 – 13.15 *Investigating the role of  $\alpha$ -Synuclein in dopamine related behaviours*

**Anna Stanelou**, BSRC Alexander Fleming

13.15 – 13.30 *Neuron-specific functions of Neurofibromin in learning and memory*

13.30 – 14.30 Lunch Break



## MSc in Molecular Biomedicine – 3<sup>rd</sup> Students' Workshop – 02.10.19

Envisioning the Future of Biomedicine, Innovation and Informatics

### Session 3: Molecular Biology and Cancer

14.30 – 14.45

**Vangelis Bonis**, BRFAA

*Molecular mechanisms of MAPKi resistance in melanoma*

14.45 – 15.00

**Penny Ntavelou**, BRFAA

*Pharmacological inactivation of the kinase LMTK3 in breast cancer models*

15.00 – 15.30

Keynote Speaker: **Dr. Vasiliki Koliaraki**, Researcher C', BSRC Alexander Fleming

15.30 – 16.00

Coffee Break

### Session 4: Bioinformatics

16.00 – 16.15

**Dionysis Fanidis**, BSRC Alexander Fleming

*Development of integrative statistical algorithms for the analysis of gene expression data*

16.15 – 16.45

Keynote Speaker: **Dr. Georgios A. Pavlopoulos**, Researcher B', BSRC Alexander Fleming

16.45 - 17.45

#### Discussion Panel

**Dr. Maria Tsoumakidou**, Stavros Niarchos Researcher, BSRC Alexander Fleming

**Dr. Kostas Vekrellis**, Researcher B', BRFAA

**Dr. Georgina Xanthou**, Researcher C', BRFAA

**Dr. Yorgos Sofianatos**, Marie Curie Fellow, BSRC Alexander Fleming

17.45 – 18.00

Concluding remarks