



# InfrafrontierGR/Phenotypos Infrastructure WEBINAR

**TUESDAY | 22 February, 2022 | 10:00 – 14:30**

| PROGRAM                                                                               |                                                                                               |
|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>10:00–10:20 Introduction</b>                                                       |                                                                                               |
| 10:00–10:10                                                                           | Welcome · <i>G. Kollias and D. Kontoyiannis</i>                                               |
| 10:10–10:20                                                                           | InfrafrontierGR/Phenotypos Infrastructure: An Overview · <i>Phenotypos Management Team</i>    |
| <b>10:20–12:10 Infrastructure Modules &amp; Services</b>                              |                                                                                               |
| 10:20–10:40                                                                           | In vivo Imaging / Metabolic Phenotyping / Irradiation · <i>V. Ntafis (BSRC Fleming)</i>       |
| 10:40–10:50                                                                           | Behavioral Phenotyping · <i>E. Georganta / A. Stamatakis (BSRC Fleming / UoA)</i>             |
| 10:50–11:00                                                                           | Small Animal PET/CT · <i>C. Anagnostopoulos (BRFAA)</i>                                       |
| 11:00–11:10                                                                           | Flow Cytometry & Mouse blood analysis · <i>S. Grammenoudi (BSRC Fleming)</i>                  |
| 11:10–11:20                                                                           | Proteomics · <i>M. Samiotaki (BSRC Fleming)</i>                                               |
| 11:20–11:30                                                                           | MicroCT Imaging · <i>M. Armaka (BSRC Fleming)</i>                                             |
| 11:30–11:40                                                                           | Histopathology · <i>M. Gennadi (BSRC Fleming)</i>                                             |
| 11:40–11:50                                                                           | Mouse Archiving & Distribution / Mutant Mouse Generation · <i>K. Bozonelos (BSRC Fleming)</i> |
| 11:50–12:20                                                                           | Q&A                                                                                           |
| <b>12:20–12:40 Coffee Break</b>                                                       |                                                                                               |
| <b>12:40–13:50 Demonstration of Disease-Oriented Phenotyping Pipelines (SELECTED)</b> |                                                                                               |
| 12:40–12:50                                                                           | Acute and chronic intestinal inflammation · <i>V. Koliarakis (BSRC Fleming)</i>               |
| 12:50–13:00                                                                           | Infection & Systemic Inflammation · <i>F. Ioakeimidis (BSRC Fleming)</i>                      |
| 13:00–13:10                                                                           | Arthritis · <i>M. Armaka (BSRC Fleming)</i>                                                   |
| 13:10–13:20                                                                           | Acute Phase Experimental Autoimmune Encephalomyelitis (EAE) · <i>A. Nanou (BSRC Fleming)</i>  |
| 13:20–13:30                                                                           | Steatohepatitis & Metabolic disturbances · <i>S. Gargani (BSRC Fleming)</i>                   |
| 13:30–13:40                                                                           | Q&A                                                                                           |
| <b>13:40–14:20 Regional Nodes</b>                                                     |                                                                                               |
| 13:40–13:50                                                                           | TBA · <i>I. Talianidis (IMBB)</i>                                                             |
| 13:50–14:00                                                                           | InfrafrontierGR/Phenotypos expanding · <i>I. Maroulakou (DUTH)</i>                            |
| 14:10–14:20                                                                           | Q&A                                                                                           |
| <b>14:20–14:30 Closure</b>                                                            |                                                                                               |