

Disease related Biomarkers in translational research studies

BIH Multiplex Services utilizing Luminex' MAGPIX system and Merck's Milliplex assay panels

Virtual Seminar hosted by the BIH Metabolomics Platform & Merck

Date: 30th of September 2020
Location: virtual Meeting; virtual Platform to be used as depicted in invitation email

No registration fees, but registration mandatory.
Please follow this link: <https://www.mdc-berlin.de/seminar-registration>

Agenda

- 10:00 – 10:05 Welcome (Jens Baron, Merck, Jennifer Kirwan/Raphaela Fritsche, BIH Metabolomics Platform)
- 10:05 – 10:15 Introduction of the BIH Metabolomics Platform (Jennifer Kirwan)
- 10:15 – 10:40 The MagPix instrument and supported products (Jens Baron, Merck)
- 10:40 – 10:55 Neurofibromatosis 1 mutations affect functions of microglia derived from human pluripotent stem cells (L. Kuhrt, PhD student, group of H. Kettenmann, MDC)
- 10:55 – 11:20 Sex specific regulation of secreted cytokines and chemokines under normoxia and hypoxia in human endothelial cells (Mario Lorenz, PI, Charité)
- 11:20 – 11:45 Immune responses associated with Losartan-TKI combination immunotherapy in dogs with metastatic osteosarcoma (Robert Hardcastle, Field Application Scientist, Merck)
- 11:45 – 12:10 Deactivation of murine *Prdm16* alters heart metabolism and induces cardiomyopathy (Jirko Kühnisch, PI, MDC)
- 12:10 – 12:30 Closing remarks and discussion

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