

Research grant of our group from the last 8-years:

- 2016-2021 **Puskás L.**, GINOP-2.3.2-15-2016-00001: *Molecular Biology Research Workshop for Health and Environment: research meeting societal needs to enhance the international competitiveness of the Centre of Excellence*, **24 MFt**
- 2017-2019 **Puskás L.**, GINOP-2.2.1-15-2016-00028: *Development of an exclusively high ionic liquid soluble, 3D printable polymer with DNA coding system and commercially viable UAV-UUV drone hybrid prototype based on it* **31.5 MFt**
- 2016-2021 **Puskás L.**, GINOP-2.3.2-15-2016-00030: *Phenotypic and functional multiparameter characterization of inflammatory and autoimmune diseases* **463.5 MFt**
- 2017-2020 **Puskás L.**, GINOP-2.2.1-15-2017-00054: *Production and application of an industrial cell line with a unique genome structure* **27.8 MFt**
- 2018-2022 **Puskás L.**, 2018-1.3.1-VKE-2018-00018: *Development and impact assessment of innovative dairy products supporting the immune system* **153.8 MFt**
- 2019-2021 **Puskás L.**, 2018-1.3.1-VKE-2018-00024: *Multiparameter immunophenotyping for the characterisation of diabetic patients* **88.6 MFt**
- 2019-2020 **Szebeni G.**, UNKP-19-4-SZTE-36, *Leukocyte single cell mass cytometry combined with the Legendplex and Luminex plasma cytokine measurement in Alzheimer-patients*
- 2018-2019 **Szebeni G.**, UNKP-18-4-SZTE-73, *Investigation of the immune activation and regulation in rodent models and human blood samples*
- 2017-2020 **Szebeni G.**, Bolyai János kutatási Ösztöndíj BO/00139/17/8, *Analysis of the activation and polarization of leukocytes in human inflammatory disorders using single cell mass cytometry*
- 2020-2021 **Szebeni G.**, KDP-2020/1000464 Kooperatív Doktori Program Doktori Hallgatói Ösztöndíj (Balog József Á.) mentor, *Single cell mass cytometric immunophenotyping of human inflammatory diseases*
- 2021-2024 **Szebeni G.**, 2020-1.1.6-JÖVŐ-2021-00003 Befektetés a Jövőbe (SZBK), *Molecular phenotyping of chronic respiratory inflammatory patients and SARS-CoV-2 patients* (PI, SZBK, **250 MFt**)
- 2022-2023 **Szebeni G.**, Új Nemzeti Kiválósági Program Bolyai + Ösztöndíj, ÚNKP-22-5 - SZTE-535, *Investigation of ion channels during classical (M1) or alternative polarization (M2) of macrophages*

- 2022-2024 **Szebeni G.**, KDP-2021/C1764415 Kooperatív Doktori Program Doktori Hallgatói Ösztöndíj (Gémes Nikolett) mentor, *Functional analysis of SARS-CoV-2 specific immune response by single cell technology*
- 2022-2025 **Szebeni G.**, Bolyai János kutatási Ösztöndíj, BO00582/22/8, *Combining single cell mass cytometric immunophenotyping with multiplex liquid biopsy protein measurements in inflammatory diseases*
- 2022-2026 **Szebeni G.**, FK142877 *Multiplex immunophenotyping of patients with antiphospholipid syndrome with special focus on the anti-SARS-CoV-2 immunity* (PI, SZBK, **42 M Ft**)
- 2023-2024 **Szebeni G.**, Új Nemzeti Kiválósági Program Bolyai + Ösztöndíj, ÚNKP-23-5 - SZTE-694 *Investigation of minimal residual disease in acute myeloid leukemia by flow cytometry*
- 2024-2027 **Szebeni G. - Dr. Kupai K.**, IV-134-62-1/2024SZAOK. SZAOK-SZBK kollaborációs pályázat, *Interorgan crosstalk in diabetes mellitus*, **30 MFt**
- 2024-2027 **Szebeni G. - Prof. Dr. Kovács L.**, IV-134-62-1/2024SZAOK. SZAOK-SZBK kollaborációs pályázat, *Identification and characterization of disease-specific immune cell subpopulations based upon cell surface glycosylation, lectin binding and expression of further signaling molecules in systemic lupus erythematosus*, **30 MFt**
- 2024-2027 **Szebeni G.**, 2022-1.2.6-TÉT-IPARI-TR-2022-00023, *Isolating and Identifying Extracellular Vesicles for Cancer Early Detection EV-LAMP-Dx*, (PI, Astridbio Tech. Kft, **35M Ft**)