

Gabor Janos Szebeni

senior scientist

Laboratory of Functional Genomics
HUN-REN Biological Research Centre Szeged



SCIENTIFIC DEGREES

- 2012.** PhD, immunology (*University of Szeged*)
- 2011.** Economist (*University of Szeged*)
- 2007.** Biologist, Molecular biology (*University of Szeged*)

CURRENT POSITIONS

- 2024-** Head of the core facility, *HUN-REN Biological Research Centre*
- 2017-** Senior scientist, *Biological Research Center, Laboratory of Functional Genomics Szeged, Hungary*
- 2018-** Research fellow, *University of Szeged*

EXTERNAL WORKPLACES

- 2014-2017** Project leader, *Avidin Ltd., Szeged*
- 2012-2013** Postdoctoral research fellow, *Humanitas Research Hospital, Milan, Italy*
- 2007-2011** PhD student, *Lymphocyte Signal Transduction group, Biological Research Centre of HAS, Szeged*
- 2005-2007** Diploma worker, *Lymphocyte Signal Transduction group, Biological Research Centre of HAS, Szeged*

GRANTS

- 2024-2027** *Interorgan crosstalk in diabetes mellitus, IV-134-62-1/2024SZAOK*
- 2024-2027** *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, IV-134-62-1/2024SZAOK*
- 2024-2026** *Isolating and Identifying Extracellular Vesicles for Cancer Early Detection, 2022-1.2.6-TÉT-IPARI-TR-2022-00023*
- 2023-2024** *Investigation of minimal residual disease in acute myeloid leukemia by flow cytometry, ÚNKP-23-5 -SZTE-694*
- 2022-2026** *Multiplex immunophenotyping of patients with antiphospholipid syndrome with special focus on the anti-SARS-CoV-2 immunity FK142877 Young Researchers Excellence Programme, National Research, Development and Innovation Office*
- 2022-2023** *Functional analysis of SARS-CoV-2 specific immune response by single cell technology Kooperative Doctoral Program mentor, KDP-2021/C1764415*
- 2022-2023** *Investigation of ionchannels during classical (M1) or alternative polarization (M2) of macrophages Bolyai + Award of the New National Excellence Program of the Ministry for Culture and Innovation, ÚNKP-22-5 - SZTE-535*
- 2022-2025** *Combining single cell mass cytometric immunophenotyping with multiplex liquid biopsy protein measurements in inflammatory diseases, Bolyai János Research Scholarship, BO00582/22/8*
- 2021-2024** *Molecular phenotyping of chronic respiratory inflammatory patients and SARS-CoV-2 patients, Investment to Future (NKFIH), 2020-1.1.6-JÖVŐ-2021-00003*
- 2020-2021** *Single cell mass cytometric immunophenotyping of human inflammatory diseases, Kooperative Doctoral Program mentor, KDP-2020/1000464*
- 2019-2020** *Leukocyte single cell mass cytometry combined with the Legendplex and Luminex plasma cytokine measurement in Alzheimer-patients, Bolyai + Award of the New National Excellence Program of the Ministry for Innovation and Technology, UNKP-19-4-SZTE-36*

PUBLICATION PARAMETERS

In extenso publications:	55
Cumulative IF:	268.267
Citations (MTMT):	1084/804
Book chapters:	2
University lecture notes:	-
Hirsch index (MTMT)	18

- 2018-2019** *Investigation of the immune activation and regulation in rodent models and human blood samples*, Bolyai + Award of the New National Excellence Program of the Ministry of Human Capacities, UNKP-18-4-SZTe-73
- 2017-2020** *Analysis of the activation and polarization of leukocytes in human inflammatory disorders using single cell mass cytometry*, Bolyai János Research Scholarship, BO/00139/17/8

AWARDS AND DECORATIONS

- 2022** Publication of the year: Hun. Cancer Soc. PMID: 34106097
- 2013** EFIS bursary for the 2nd IMPULSE EFIS-EJI Symposium
- 2012-2013** Amedeo Avogadro Fellowship, Novara and Milan, Italy
- 2012** EFIS Fellowship in Milan, Italy
- 2012** Talent Prize of the University of Szeged
- 2011** III. place Research Award of the Hungarian Society for Immunology
- 2010** Prize for Innovation in South-East Hungary III. place
- 2010** Scholarship of József Sófi (Ph.D. category), I. place
- 2009** Sigma-Aldrich Conference abstract III. Prize
- 2007** Thesis Prize of the Hungarian Patent Office
- 2006-2007** Award of Szeged City
- 2006-2007** Scholarship of the Hungarian Republic

EDUCATIONAL ACTIVITIES

- 2014-2015** Lecturer: Milestones in cancer, M.Sc. course

- B.Sc. supervision:** 2 graduated
- M.Sc. supervision:** 2 graduated
- M.D. supervision:** 1 graduated
- Ph.D. supervision:** 5 graduated, 3 in progress

CONNECTION TO PUBLISHERS

Guest Editor: International Journal of Molecular Sciences, Molecules, Cells

Reviewer: International Journal of Molecular Sciences, Journal of Translational Medicine, Ageing Research Reviews, Medicines, Cancers, Experimental Cell Research, BioMed Research International, Physiology International, Genes, Life

LANGUAGE EXAMS

- 2012.** Italian, basic
- 2009.** German, basic
- 2006.** English, intermediate

MEMBERSHIPS

- 2020-** Hungarian Biophysical Society, Cell Analysis section
- 2018-** Hungarian Biochemical Society
- 2007-** Hungarian Society for Immunology

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