Curriculum vitae

Personal Details:

Name:	**Dr. Gábor Patyi**
Date of birth:	17.08.1992
Place of birth:	Kiskunfélegyháza, Hungary
Current Position:	Postdoc researcher
E-mail:	patyi.gabor@brc.hu

Education/Trainings:

- 2007-2011: Móra Ferenc High School, Kiskunfélegyháza
- 2011-2014: Biology BSc -University of Szeged Faculty of Sciences and Informatics
- 2014-2016: Biology MSc- University of Szeged Faculty of Sciences and Informatics
- 2016 - 2020: PhD student - Biological Research Centre, Szeged
- 2020: Laboratory Internal Auditor Training MSZ ISO/IEC 17025:2018 Standars
- 2022: PhD degree in biology

Scientific work and skills:

Work experience:

- 2011-2016: **Student**

  Task: Laboratory work (plan and evaluate biological experiments)

  University of Szeged Faculty of Science and Informatic, Department of Plant Biology
- 2016-2022: **Phd Student**

  Task: Laboratory work and scientific publication.

  Biology Doctoral School, University of Szeged / Biology Research Centre, Szeged
- 2017-2020: **Tutor / Student Mentor**

  Task: basic biology education for undergraduates

  University of Szeged Faculty of Science and Informatics
- 2022: **Postdoc researcher**

  Task: Designing and analysing scientific experiments and publication of data.

  Biology Research Centre, Szeged

Language skills:

- English, B2 exam
- German, A2 exam

Main Publications:

Patyi G, Hódi B, Solymosi D, Vass I, Kós PB. Increased sensitivity of heavy metal bioreporters in transporter deficient Synechocystis PCC6803 mutants. PLoS One. 2021 Dec 16;16(12):e0261135. doi: 10.1371/journal.pone.0261135. PMID: 34914753; PMCID: PMC8675649.

Poór, P., **Patyi, G.,** Takács, Z., Szekeres, A., Bódi, N., Bagyánszki, M., & Tari, I. (2019). Salicylic acid-induced ROS production by mitochondrial electron transport chain depends on the activity of mitochondrial hexokinases in tomato (Solanum lycopersicum L.). *Journal of plant research*, *132*(2), 273-283.

Poór, P., Takács, Z., **Patyi, G**., Borbély, P., Bencsik, O., Szekeres, A., & Tari, I. (2018). Dark-induced changes in the activity and the expression of tomato hexokinase genes depend on the leaf age. *South African journal of botany*, *118*, 98-104.

Poór, P., **Patyi, G**., & Tari, I. (2015). In Silico Analysis of cis-Regulatory Elements of Hexokinase Genes in Tomato (Solanum lycopersicum). *Journal of Current Plant Science Research*, *1*(1), 1-10

International Confernces:

- 2023 11th International Meeting Photosynthesis and Hydrogen Energy Research for Sustainability, Istanbul, Turkey
- 2019 9th Symposium on Microalgae and Seaweed Products in Plant/Soil Systems in Mosonmagyaróvár, Hungary
- 2018 Hungarian Photosynthesis Conference, Mátrafüred, Hungary
- 2018 Straub Days International Conference BRC, Szeged, Hungary
- 2017 Straub Days International Conference BRC, Szeged, Hungary
- 2016 Plant Biology Europe EPSO/FESPB 2016 Congress, Prague
- 2016 VISCEA Plant Model Species Fundamentals and Applications, Vienna
- 2015 VISCEA Plant Abiotic Stress Tolerance III, Vienna
- 2015 A Magyar Szabadgyök-Kutató Társaság VIII. Kongresszusa, Budapest
- 2014 Magyar Növénybiológiai Társaság XI. kongresszusa, Szeged