

CURRICULUM VITAE

Mgr. Július Gajdár

Personal information:

date of birth: 18. 8. 1991
address: Záhradná 21, 080 01 Prešov, Slovakia
tel. no.: +421 915 181 097
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Employment:

04/2017–present

Faculty of Science, Charles University, Czech Republic
researcher (part time 50%)
Reference: prof. RNDr. Jiří Barek, CSc.

Academic studies:

2015 – present

Faculty of Science, Charles University, Prague, Czech Republic
Doctoral study programme: Analytical chemistry
Ph.D. thesis: Development of electrochemical methods for study of antibacterial compounds in small volumes
Supervisor: prof. RNDr. Jiří Barek, CSc.

2013 – 2015

Faculty of Science, Charles University, Prague, Czech Republic
Master study programme: Analytical chemistry
Diploma thesis: Application of Antimony Film Electrodes for Determination of Pesticide Trifluralin
Supervisor: RNDr. Jan Fisher, Ph.D.

2010 – 2013

Faculty of Science, Charles University, Prague, Czech Republic
Bachelor study programme: Chemistry in natural sciences
Bachelor thesis: Voltammetric determination of pesticides using meniscus modified silver solid amalgam electrode
Supervisor: RNDr. Jan Fisher, Ph.D.

2002 – 2010

Grammar school Jan Adam Rayman, Prešov, Slovakia

Internships:

10/2017 – 1/2018

Institute of Chemistry, Hebrew University of Jerusalem, Israel.

supervisor: prof. Daniel Mandler

Publications:

Gajdár J., Barek J., Fischer J.: Electrochemical microcell based on silver solid amalgam electrode for voltammetric determination of pesticide difenzoquat. *Sens. Actuat. B-Chem.* 299 (2019), 126931.

Gajdár J., Goněc T., Jampílek J., Brázdová M., Bábková Z., Fojta M., Barek J., Fischer J.: Voltammetry of a Novel Antimycobacterial Agent 1-Hydroxy-*N*-(4-nitrophenyl)naphthalene-2-carboxamide in a Single Drop of a Solution. *Electroanalysis* 30 (2018), 38-47.

Gajdár J., Barek J., Fojta M., Fischer J.: Micro volume voltammetric determination of 4-nitrophenol in dimethyl sulfoxide at a glassy carbon electrode. *Monatsh. Chem.* 148 (2017), 1639-1644.

Gajdár J., Horakova E., Barek J., Fischer J., Vyskocil V.: Recent Applications of Mercury Electrodes for Monitoring of Pesticides: A Critical Review. *Electroanalysis* 28 (2016), 2659-2671.

Gajdár J., Barek J., Fischer J.: Antimony film electrodes for voltammetric determination of pesticide trifluralin. *J. Electroanal. Chem.* 778 (2016), 1-6.

Languages

English – FCE certificate (C1 level)

French – basic