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Language: Hungarian, English



WORK EXPERIENCE

July 2025 – Present: HUN-REN BIOLOGICAL RESEARCH CENTRE, SZEGED

July 2025 – Present: Research Assistant (Laboratory of Metabolomics)

March 2018 – March 2025: SGS - QUAY PHARMACEUTICALS LTD, UNITED KINGDOM

July 2024 – March 2025: Quality Officer

January 2022 - July 2024: Assistant QC Manager (Life Cycle Group)

June 2019 – January 2022: Quality Control Team Lead (Life Cycle Group)

March 2018 - June 2019: Analytical Scientist

July 2014 - January 2017: NuPHARM LABORATORIES LTD, UNITED KINGDOM

October 2015 - January 2017: Method Development Analyst and QC Team Leader deputy

July 2014 – October 2015: Quality Control Analyst

EDUCATION

2010-2012 - UNIVERSITY OF SZEGED, SZEGED, HUNGARY

MSc in Environmental Research specializing in **Instrumental Analytics and Environmental Technology**

Final Year Research Thesis:

Title: *The effect of cyclodextrin and immobilization on the efficiency of biodegradation.*

The objective of the thesis was to identify how to help the natural biodegradation of hydrocarbon sources/waste.

September 2011-February 2012: UNIVERSITÀ DEGLI STUDI DI CAGLIARI, CAGLIARI, ITALY

Erasmus Scholarship: Research project on porous silica aerogel matrix

Laboratory Techniques: Testing and preparing silica matrices as part of a research team, working with X-Ray diffractometer, and Transmission electron microscope,

2006-2010: UNIVERSITY OF SZEGED, SZEGED, HUNGARY

BSc in Applied Environmental Studies specializing in **Waste Treatment and Disposal**

Final Year Research Thesis:

Title: *Enhancing the biodegradation of microbial waste materials with cyclodextrin.*

PUBLICATION

Carta, D., Loche, D., Casula, M.F., Oláh, N., **Olasz, D.**, Corrias, A. (2014) Nickel-based nanocrystals dispersed on SBA-16 gels: synthesis and structural characterization. *Journal of Non-Crystalline Solids* 2014.

Nagybanyai-Nagy B, Tengölics R, Sajben C, Olasz D, Schwarcz A, Molnar T and Csecsei P (2026) Serum microbiome-related metabolites—including short-chain fatty acids and indole derivatives—predict outcome and delayed cerebral ischemia after aneurysmal subarachnoid hemorrhage: a two-timepoint LC–MS study. *Front. Neurol.* 17:1768108. doi: 10.3389/fneur.2026.1768108

