

Matas Gavenauskas

CONTACT INFORMATION

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EDUCATION AND ACADEMIC DEGREE

- 2013 – 2016 Vilnius University, Chemist / Master's degree.
Thesis topic. „Analysis and characterization (profiling) of phenyl-2-propanone by gas-liquid chromatography methods“.
The thesis was carried out at the Lithuanian Police Criminal Investigation Centre, Chemical Research Department.
The work was carried out in an attempt to replicate the methods of synthesis of phenyl-2-propanone most commonly used in the world's illegal laboratories. GC/MS and NIST-2014 and other libraries were used to identify the foreign substances formed and thus profiling for the relevant synthetic route (Friedel-Crafts, multiple reductions, acid hydrolysis, destructive distillation, etc.) profiling.
- 2009 – 2013 Vilnius University, Chemistry / Bachelor's degree.
Thesis topic. „Synthesis of Halogen- and Nitro- Substituted Pyrazoles“.
The thesis was carried out at the Centre of Physical and Technological Sciences, Organic Synthesis Sector.
Research area: Synthesis of organic compounds and analysis of the purity and structure of the resulting compounds using GC/MS, ¹H NMR, ¹³C NMR, HPLC and other analytical methods.

PROFESSIONAL EXPERIENCE

- 2022-12– until **PhD student.**
now Mycology Laboratory, Nature Research Centre.
- 2020-08– until **Chemist/Mycologist.**
now At UAB „Nagenus“ and UAB „Ekonamai“.
- 2018-02 – 2019 01 **Chemist.**
At UAB „Visaginas Energy“.
- 2014-11 – 2018-01 **Senior and later Chief Investigator.**
Lithuanian Police Criminal Investigation Centre, Chemical Investigation Division.

RESEARCH INTERESTS

White rot fungi analysis, micellar products, volatile organic compounds, gas and liquid chromatography analysis of organic compounds. Impact of biting insects on micellar products, their protection.

PUBLICATIONS

PARTICIPATION IN INTERNATIONAL AND NATIONAL SCIENTIFIC PROGRAMMES AND PROJECTS

INTERNSHIP AND TRAINING

PARTICIPATION IN SCIENTIFIC CONFERENCES

1. 9th Young Scientists Conference "Young Scientists for the Advancement of Agriculture". Research on biocontrol of the ash wilt pathogen *Hymenoscyphus fraxineus* using gas and liquid chromatography. Department of Agricultural and Forestry Sciences, Lithuanian Academy of Sciences. Research Institute of Forestry and Life Sciences, Ministry of Agriculture and Life Sciences, European Union, 12 November 2020.

OTHERS
