Personal info

SZILAGYI JOHANNA

0735501919

miko_johanna@yahoo.com

Professional experience

Research assistent

2024-Prezent

Institutul Național de Cercetare-Dezvoltare pentru Tehnologii Izotopice și Moleculare, Str. Donath 67-103, Cluj-Napoca 400293

Proiect PNRR-III-C9-2022-I8: Molecular Carbon Nanostructure: Establishing a Green Synthesis, Studying Properties, and Examining Potential Applications

Chemistry teacher

September 2022-August 2023

Colegiul Tehnic Ana Aslan, Cluj-Napoca

Responsibilities

Teaching the following subjects:

Separation of Heterogeneous Systems; Inorganic Chemical Technology; Labor Protection and PPE in the Chemical Industry, Organic Chemistry, Obtaining Organic Substances, General Chemistry

Education

Phd studies:

2024-Present

Scoala Doctorala a Facultatii de Chimie, Universitatea Babes-Bolyai, str. Arany Janos, 11, Cluj-Napoca, Romania
Phd lead: Prof. Dr. Mihaiela Stuparu

Master în Biotehnologii-USAMV, Cluj-Napoca

2022-2024

Chemical Engineer

2018-2022

UNIVERSITATEA BABES-BOLYAI, FACULTATEA DE CHIMIE ȘI INGINERIE CHIMICĂ, Cluj-Napoca

Specialization: Organic Chemistry and Engineering, Petrochemistry, Carbochemistry

Competencies in: General Chemistry, Analytical Chemistry, Inorganic Chemistry, Organic Chemistry, Organometallic Chemistry, Structural Analysis, Qualitative Analysis of Organic Compounds, Biocatalysis, Biochemistry
Computer Aided Graphics, CAD Software, Physics, Electrochemistry, Electrical Engineering, Heat Transfer and Thermal Apparatus, Mass Transfer, Automation.

Scientific interests

Organic synthesis
Green chemistry- Mechanochemistry
Technical skills: use of UV-VIS spectrophotometer, fluorimeter.
Digital skills: Microsoft Office, MestreNova, Diamond, Chemdraw.

Languages

English- C1, Romanian native, Hungarian native