

## CURRICULUM VITAE

**Name: Dr. Eszter Mária Kovács**

*E-mail: kovacs.eszter.maria@science.unideb.hu*

### **Degrees:**

2010-2013 University of Debrecen, Faculty of Science and Technology, Environmental scientist, analytic specialization

2013-2015 University of Debrecen, Faculty of Science and Technology, Material scientist, nanomaterials specialization

2015-2018 University of Debrecen, Chemistry PhD School, Ph.D. in Chemistry (pre-degree certificate: 2018, defense: 2019)

2021 Extended radiation protection training

### **Experiences:**

2018-2020 University of Debrecen, Department of Physical Chemistry, assistant research fellow

2020- University of Debrecen, Department of Physical Chemistry, assistant professor

### **Research & development experiences:**

2012-: Preparation, structural and surface characterization of lanthanoid bentonites

2016-2020: Preparation of lanthanoid bentonites by cation exchange procedure. Chemical and structural analysis, and investigation of nano- and colloidal chemical properties of modified bentonites (GINOP-2.3.2-15-2016-00008).

2016-2021: Investigation of phosphorus nutrient supply in soils by radiolabeling (NKFIH K 120265).

### **Educational activity, Courses:**

- Physical Chemistry VIII. laboratory practice
- Physical Chemistry III.
- Separation techniques
- Radioisotopes
- Radiochemical measurements
- Physical Chemistry V. laboratory practice
- Isotope techniques
- Analytical chemistry

### **Languages:**

- English: intermediate (B2) oral, advanced (C1) written
- French: threshold (B1) written, threshold (B1) oral

**Scholarships and honors:**

2017: Universitas scholarship

2019: Vértes Attila Youth Award

2021: Vértes Attila Youth Award

**Memberships:**

Working Committee of Isotope Applications of the Hungarian Academy of Sciences

Radiochemical Scientific Committee of the Hungarian Academy of Sciences

**Other professional activities:**

Journal of Radioanalytical and Nuclear Chemistry, reviewer

2022. január 19.