Curriculum Vitae Europass

Personal information

Name and surname	**Augustin C. Mot**
E-mails	augustin.mot@ubbcluj.ro; gusty_chem@yahoo.com
Nationality	Romanian
Occupational field	**Teaching and scientific research**

Professional experience

February 2025 – Present	**Associate Professor, Habilitated** (*Chemometrics, Advanced Analytical Chemistry, Instrumental Analytical Chemistry)* Faculty of Chemistry and Chemical Engineering, Babeș-Bolyai University, Cluj-Napoca, Romania.
June 2024 - present	**Analytical Chemist** (Chemical analysis of water, air, and biological samples – HPLC-ICP-MS, GF-AAS, HG-QFAAS, FAAS) Environmental and Health Center, part of the ALS Group, Cluj-Napoca, Romania.
February 2017 – February 2025	**Lecturer** (Teaching*: Chemometrics, Advanced Analytical Chemistry, Instrumental Analysis*), Department of Chemistry, Faculty of Chemistry and Chemical Engineering, Babes-Bolyai University, 1 Mihail Kogalniceanu, 400084 Cluj-Napoca, Romania.
October 2016 – August 2021 **August 2022 – May 2024**	**Researcher CS II and Researcher CS II, respectively** Department of Molecular and Biomolecular Physics, National Institute for Research and Development of Isotopic and Molecular Technologies, Cluj-Napoca, Romania.
September 2020 – August 2022	**Scientific researcher – Project director** *Selenium biofortification: can we augment anticholesterolic properties of Allium species?* (Project director of grant PN-III-P1-1.1-TE-2019-1396 (TE 82/2020,) financed by CNCSIS Romania), Babes-Bolyai University, 1 Mihail Kogalniceanu, 400084 Cluj-Napoca, Romania.

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May 2018 – April 2020	**Scientific researcher – Project director** *Advanced chemometric methods applied in plant metabolomics in water stress*, (project director of grant PN-III-P1-1.1-PD-2016-0121 (14 /02.05.2018) financed by CNCSIS Romania), Babes-Bolyai University, 1 Mihail Kogalniceanu, 400084 Cluj-Napoca, Romania.
November 2015 – October 2017	**Scientific researcher – Project director** *Nonsymbiotic plant hemoglobins in stress related responses*, (project director of grant PN-II-RU-TE-2014-4-2555 financed by CNCSIS Romania), Babes-Bolyai University, 1 Mihail Kogalniceanu, 400084 Cluj-Napoca, Romania.
November 2014 – October 2015	**Scientific researcher** *Redox activation of small molecules at biological metal centers* (grant Ctr. PN-II- ID-PCE-2012-4-0488, 71/02.09.2013, PI Assoc. Prof. Dr. Radu Silaghi-Dumitrescu), Babes-Bolyai University, 1 Mihail Kogalniceanu, 400084 Cluj-Napoca, Romania.
October 2013 – October 2014	**Leibniz-DAAD postdoctoral fellow** *Identification of new plant E3 Ubiquitin ligases via activity-based protein profiling probes involved in N-end rule protein degradation pathway* (PI Dr. Nico Dissmeyer), Leibniz Institute of Plant Biochemistry, Weinberg 3, 06120, Halle (Saale), Germany.
July 2008 - December 2010; April 2011 - October 2014	**Research assistant** *Protein purification and characterization* (grants Ctr. IDEI 107/2007; Ctr. PN II ID PCCE 2/140/2008 – P5, CNCSIS Romania, PI Assoc. Prof. Dr. Radu Silaghi-Dumitrescu), Babes-Bolyai University, 1 Mihail Kogalniceanu, 400084 Cluj-Napoca, Romania.
January 2011 – May 2011	**Visiting PhD student** *Direct electrochemistry and spectroelectrochemistry of proteins* (under supervision of Dr. H. A. Heering), Leiden Institute of Chemistry, Leiden University, Einsteinweg 55, 2333 CC Leiden, The Netherlands
July 2008 – October 2008	**Visiting research assistant** Period of research at University at San Antonio, TX, USA which implied expression, purification and characterization of a new flavo-diiron protein and expression, purification and PEGylation of *Phascolopsis gouldii* hemerythrin for a blood substitutes protocol (under supervision of Prof. Dr. Donald Kurtz).

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Education and training

December 2024

Habilitation thesis: *Advancements in bioanalytical methods and their applications to complex sample analysis*, OM 7777/17.12.2024

October 2009 – October 2012

Ph.D. in Chemistry awarded with *Excellent* honor

Laccase from Sclerotinia sclerotiorum: biochemical characterization and applications. Babes-Bolyai University, 1 Mihail Kogalniceanu, 400084 Cluj-Napoca, Romania.

October 2008 – June 2009

Master in Analytical Chemistry

Modern methods for quality control and environmental assessment, Babes-Bolyai University, 1 Mihail Kogalniceanu, 400084 Cluj-Napoca, Romania.

October 2004 – June 2008

Bachelor studies in Chemistry

(Inorganic Chemistry, Organic Chemistry, Analytical Chemistry, Physical Chemistry and Biochemistry), Babes-Bolyai University, 1 Mihail Kogalniceanu, 400084 Cluj-Napoca, Romania.

Personal skills and competences

Mother tongue: **Romanian**

Other language

Self-assessment	Understanding				Speaking				Writing	
European level (*)	Listening		Reading		Spoken interaction		Spoken production			
English	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
French	B1	Independent user	B2	Independent user	A2	Basic User	A1	Basic User	B1	Independent user
Greek	A2	Basic User	A1	Basic User	A1	Basic User	A1	Basic User	A1	Basic User

(*) Common European Framework of Reference (CEF) level

Publications and citation metrics

https://orcid.org/0000-0002-1679-0487
Moț, Augustin C. - Web of Science Core Collection
Moț, Cătălin A. - Author details - Scopus Preview
Augustin C. Moț - Google Academic

- > 90 scientific articles published in ISI Thomson-Reuters
- Total citations: >2800 (Google scholar), > 2100 (Scopus), > 1700 (Web of Science)
- Hirsch Index: 29 (Google scholar), 26 (Scopus), 25 (Web of Science)
- 2 book chapters
- >15 oral communications in English at scientific meetings

31 January 2026 **Assoc. Prof. Dr. Habil. Augustin C. Moț**

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