



# Maria-Alexandra Anghel

**Nationality:** Romanian

**Date of birth:** 01/09/1997

**Gender:** Female

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## WORK EXPERIENCE

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### Scientific Research Assistant

**Geological Institute of Romania** [ 12/2019 – Current ]

City: Bucharest

Country: Romania

Sample preparation for electron microscopy

Performing analyses by electron microscopy and Raman spectroscopy

Determination of metal contents by flame/graphite furnace/hydride generation atomic absorption spectrometry in solid and liquid samples

Validation of analytical methods according to the guidelines

Writing test reports and specific laboratory documentation

Dissemination of research results

Participation in the elaboration of technical offers and project proposals financed from national or international funds

## EDUCATION AND TRAINING

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### Master`s degree

**University of Bucharest** [ 2019 – Current ]

Thesis: Amyloid fibril formation in serum albumins by glycation

Chemistry of Drugs and Cosmetic Products

### Bachelor degree

**University of Bucharest-Faculty of Chemistry** [ 2016 – 2019 ]

Thesis: Analysis of selenium

Chemistry



## Baccalaureate degree

*Saint Sava National College* [ 2012 – 2016 ]

Mathematics-Informatics

## LANGUAGE SKILLS

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Mother tongue(s):

**Romanian**

Other language(s):

**English**

**LISTENING B2 READING B2 WRITING B2**

**SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2**

## DIGITAL SKILLS

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Microsoft office: Word, Excel, Power Point / JASCO Spectra Manager / Origin (Origin Pro 8) / ChemDraw

## DRIVING LICENCE

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Driving Licence: B

## PROJECTS

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**National project PN 19-45-02-02 - Study of secondary resources of technogenic powders in Romania in order to identify the potential of industrial minerals and critical and high-tech raw materials**

[ 2020 – Current ]

Project team member

**National project PN 19-45-02-01, RoQ-Stone - Romanian stone for construction - quality, cultural heritage value, scientific designation - project funded by the Ministry of Education and Research through the Core Program 2019-2022, having as contra**

[ 2020 – Current ]

Project team member

## PUBLICATIONS

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**V.-M. Radu, I. Popescu Boaja, G. Dinca, R. Szabo, A.M. Anghel The potential recovery of critical elements from secondary raw materials existent in Romania, EMCEI 2021 SCOPUS Proceedings (on-line presentation).**

**I. Popescu Boaja, V.-M. Radu, G. Dinca, R. Szabo, A.M. Anghel Spatial distribution and mobility of potentially toxic elements in the soils of Romania, EMCEI 2021 SCOPUS Proceedings (on-line presentation).**