



## Andreea-Adriana Neamțu

**Date of birth:** 06/06/1994 | **Nationality:** Romanian | **Gender:** Female | **Phone number:** (+40) 726504060 (Mobile) | **Email address:** [andreea.neamtu@umft.ro](mailto:andreea.neamtu@umft.ro) | **Address:** Romania (Home)

### EDUCATION AND TRAINING

10/2019 – 03/03/2023 Oradea, Romania  
**PHD IN MEDICINE** Universitatea din Oradea

Ordinul ministrului educației  
Nr. 4900 din 27.06.2023

**Address** Str. Universității, Nr. 1, 410087, Oradea, Romania | **Website** <https://doctorat.uoradea.ro/ro/> | **Final grade** Foarte Bine | **Level in EQF** EQF level 8 |

**Thesis** Abord multimodal, nutrițional în cancerul colorectal - Îndrumător Prof. Dr. Adrian Marius Maghiar

07/2022 Arad, Romania  
**MEDICAL DOCTOR** Universitatea de Vest "Vasile Goldiș" din Arad

**Address** B-dul Revoluției, Nr. 94, 310025, Arad, Romania | **Website** <https://www.uvvg.ro/> | **Field of study** Medicine | **Final grade** 9.89 - Media examenului de licență; 9.21 - Media generală a anilor de studiu | **Level in EQF** EQF level 7 | **Type of credits** ECTS | **Number of credits** 360 |

**Thesis** "Prevenția cancerului colorectal la persoanele cu risc ridicat" - Coordonator Prof. Dr. Bogdan Dan Totolici

10/2016 – 08/2018 Bremen, Germany  
**M.SC. INDUSTRIAL AND APPLIED BIOLOGY** Hochschule Bremen

Sistem de notare:

- foarte bine (1.0 până la 1.5)
- bine (1.6 până la 2.5)
- satisfăcător (2.6 până la 3.5)
- suficient (3.6 până la 4.0)

**Address** Str. Neustadtswall, Nr. 30, 28199, Bremen, Germany | **Website** <https://www.hs-bremen.de> |

**Field of study** Biological and related sciences not elsewhere classified |

**Final grade** FOARTE BINE(1.3)-Media examenului de dizertație; FOARTE BINE(1.2)-Media generală a anilor de studiu |

**Level in EQF** EQF level 7 | **Type of credits** ECTS | **Number of credits** 90 |

**Thesis** Analiza compoziției chimice a extractelor de afine (*Vaccinium myrtillus* L.) și efectele biologice ale acestora în organismul model pentru sindromul metabolic și rezistența dobândită la insulină - *Drosophila melanogaster*. Chimie analitică & Genetică - Coordonator Prof. Dr. Gerd Klöck

01/10/2022 – 12/09/2024 Arad, Romania  
**B.SC. NUTRITION AND DIETETICS** Universitatea de Vest "Vasile Goldiș" din Arad

**Address** B-dul Revoluției, Nr. 94, 310025, Arad, Romania | **Website** <https://www.uvvg.ro/> | **Field of study** Pharmacy |

**Level in EQF** EQF level 6 | **Type of credits** ECTS | **Number of credits** 180

09/2013 – 08/2016 Bremen, Germany

**B.SC. BIOCHEMISTRY AND CELL BIOLOGY** Jacobs University Bremen

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Sistem de notare:

- excelent (1.00,1.33)
- foarte bine (1.67)
- bine (2.00,2.33)
- satisfăcător (2.67,3.00,3.33)
- suficient (3.67,4.00,4.33)

**Address** Str. Campus Ring, Nr. 1, 28759, Bremen, Germany | **Website** <https://www.jacobs-university.de> |

**Field of study** Biochemistry , Biological and related sciences not elsewhere classified , Biology |

**Final grade** EXCELENT(1.33)- Media examenului de dizertație; BINE(1.91)- Media generală a anilor de studiu |

**Level in EQF** EQF level 6 | **Type of credits** ECTS | **Number of credits** 180 |

**Thesis** Livrarea antibioticelor prin membrana externă bacteriană Gram-negativă prin lipozomi dodecaborat-lipidici - Coordonator Prof. Dr. Matthias Ullrich

09/2013 – 08/2016 Bremen, Germany

**B.SC. CHEMISTRY** Jacobs University Bremen

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**Address** Str. Campus Ring, Nr. 1, 28759, Bremen, Germany | **Website** <https://www.jacobs-university.de> |

**Field of study** Chemistry | **Final grade** BINE(2.00)- Media examenului de licență; BINE(1.91)- Media generală a anilor de studiu |

**Level in EQF** EQF level 6 | **Type of credits** ECTS | **Number of credits** 180 |

**Thesis** Stabilitate, pierdere de substanță și aplicabilitate potențială ca sistem de livrare a lipozomilor care conțin lipide artificiale THF-Saint - sub coordonarea Prof. Dr. Detlef Gabel

10/2020 – 07/2021 Arad, Romania

**PSICHOPEDAGOGIC TRAINING - LEVEL 2** Universitatea de Vest "Vasile Goldiș" din Arad

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**Address** B-dul Revoluției, Nr. 94, 310025, Arad, Romania | **Website** <https://www.uvvg.ro/> |

**Final grade** 10.00 - Media examenului final; 9.80 - Media generală | **Type of credits** ECTS | **Number of credits** 35

10/2019 – 07/2020 Arad, Romania

**PSICHOPEDAGOGIC TRAINING - LEVEL 1** Universitatea de Vest "Vasile Goldiș" din Arad

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**Address** B-dul Revoluției, Nr. 94, 310025, Arad, Romania | **Website** <https://www.uvvg.ro/> |

**Field of study** Teacher training with subject specialisation | **Final grade** 10.00 - Media examenului final; 9.75 - Media generală |

**Type of credits** ECTS | **Number of credits** 35

## ● PUBLICATIONS

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2025

**[Prognostic Significance of Peripheral Blood Parameters as Predictor of Neoadjuvant Chemotherapy Response in Breast Cancer](#)**

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Faur, Ionut Flaviu, Amadeus Dobrescu, Ioana Adelina Clim, Paul Pasca, Cosmin Burta, Cristi Tarta, Dan Brebu, Andreea-Adriana Neamtu, Vlad Braicu, Ciprian Duta, and et al. 2025. "Prognostic Significance of Peripheral Blood Parameters as Predictor of Neoadjuvant Chemotherapy Response in Breast Cancer" *International Journal of Molecular Sciences* 26, no. 6: 2541.

2024

**[The Predictive Role of Serum Lipid Levels, p53 and ki-67, According to Molecular Subtypes in Breast Cancer: A Randomized Clinical Study](#)**

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Faur, Ionut Flaviu, Amadeus Dobrescu, Ioana Adelina Clim, Paul Pasca, Catalin Prodan-Barbulescu, Cristi Tarta, Andreea-Adriana Neamtu, Dan Brebu, Carmen Neamtu, Mihai Rosu, and et al. 2024. "The Predictive Role of Serum Lipid Levels, p53 and ki-67, According to Molecular Subtypes in Breast Cancer: A Randomized Clinical Study" *International Journal of Molecular Sciences* 25, no. 7: 3911.

2024

## **Personalized and predictive strategies for diabetic foot ulcer prevention and therapeutic management: potential improvements through introducing Artificial Intelligence and wearable technology**

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Ardelean A, Balta DF, Neamtu C, Neamtu AA, Rosu M, Totolici B. Personalized and predictive strategies for diabetic foot ulcer prevention and therapeutic management: potential improvements through introducing Artificial Intelligence and wearable technology. *Med Pharm Rep.* 2024 Oct;97(4):419-428.

2024

## **A Comprehensive View on the Impact of Chlorogenic Acids on Colorectal Cancer**

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Neamtu, Andreea-Adriana, Teodor Andrei Maghiar, Violeta Turcuş, Paula Bianca Maghiar, Anca-Maria Căpraru, Bianca-Andreea Lazar, Cristina-Adriana Dehelean, Ovidiu Laurean Pop, Carmen Neamtu, Bogdan Dan Totolici, and et al. 2024. "A Comprehensive View on the Impact of Chlorogenic Acids on Colorectal Cancer" *Current Issues in Molecular Biology* 46, no. 7: 6783-6804.

2023

## **Lipid Profile Paradox: Investigating Improved Lipid Levels in Diabetic Mellitus Patients with Foot Ulcer Infections—A Prospective Descriptive Study**

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Ardelean, Andrei<sup>†</sup>, Andreea-Adriana Neamtu<sup>†</sup>, Diana-Federica\* Balta, Carmen Neamtu, Dan Goldis, Mihai Rosu, Alexandru Nesi, Silviu Moldovan, Cristi Tarta\*, Bogdan Dan Totolici. 2023. "Lipid Profile Paradox: Investigating Improved Lipid Levels in Diabetic Mellitus Patients with Foot Ulcer Infections—A Prospective Descriptive Study" *Diagnostics* no. 13: 3531.

<sup>†</sup> These authors contributed equally to this work.

*Factor de impact în anul 2023 conform JCR 3.6*

2023

## **Covid-19 And Its Impact On Colorectal Cancer Diagnosis In Romania: A Single-Centered 5-Year Retrospective Cohort Study**

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Maghiar, Octavian Adrian<sup>†</sup>, Mircea Şandor<sup>†</sup>, Mădălina-Andrada Blaj, Marius Belean, Andrei Ardelean, Violeta Turcuş, Teodor Andrei Maghiar\*, Adina Pop-Moldovan\*, Endre Mathe\*, Alin Bodog, Carmen Neamtu, Cristina-Adriana Dehelean, Ovidiu Laurean Pop, Bogdan Dan Totolici, Andreea-Adriana Neamtu. 2023. "Covid-19 And Its Impact On Colorectal Cancer Diagnosis In Romania: A Single-Centered 5-Year Retrospective Cohort Study" *Chirurgia* no. 5(118): 487-501.

*Factor de impact în anul 2023 conform JCR 0.6*

2023

## **Phytoconstituent Profiles Associated with Relevant Antioxidant Potential and Variable Nutritive Effects of the Olive, Sweet Almond, and Black Mulberry Gemmotherapy Extracts**

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Aleya, Amina, Emőke Mihok, Bence Pecsénye, Maria Jolji, Attila Kertész, Péter Bársony, Szabolcs Vigh, Zoltán Cziaky, Anna-Beáta Máthé, Ramona Flavia Burtescu, Neli-Kinga Oláh, Andreea-Adriana Neamtu, Violeta Turcuş\*, Endre Máthé. 2023. "Phytoconstituent Profiles Associated with Relevant Antioxidant Potential and Variable Nutritive Effects of the Olive, Sweet Almond, and Black Mulberry Gemmotherapy Extracts" *Antioxidants* no. 12: 1717.

*Factor de impact în anul 2023 conform JCR 7.0*

2023

## **Platelets Rich Plasma (PRP) Procedure in the Healing of Atonic Wounds**

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Horgos, Maur Sebastian, Ovidiu Laurean Pop, Mircea Sandor\*, Ioan Lucian Borza, Rodica Anamaria Negrean, Adrian Cote, Andreea-Adriana Neamtu, Carmen Grierosu, Liliana Sachelarie\* and Anca Huniadi. 2023. "Platelets Rich Plasma (PRP) Procedure in the Healing of Atonic Wounds" *J. Clin. Med.* no. 12: 3890.

*Factor de impact în anul 2023 conform JCR 3.9*

2023

### **Pentraxin-3 and Other Inflammatory Markers for an Infected Diabetic Foot Ulcer Diagnosis: A Prospective Study**

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Ardelean, Andrei, Diana-Federica Balta\*, Carmen Neamtu, Adriana Andreea Neamtu, Mihai Rosu, Luminita Pilat, Silviu Moldovan, Cristi Tarta\*, Bogdan Totolici. 2023. "Pentraxin-3 and Other Inflammatory Markers for an Infected Diabetic Foot Ulcer Diagnosis: A Prospective Study" *Diagnostics* no. 13: 2366.

Factor de impact în anul 2023 conform JCR 3.6

2022

### **A Comparative Analysis of the Anatomy, Phenolic Profile, and Antioxidant Capacity of Tussilago farfara L. Vegetative Organs**

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Bota, Viviane Beatrice<sup>†</sup>, Andreea-Adriana Neamtu<sup>†</sup>, Neli-Kinga Olah, Elisabeta Chișe, Ramona Flavia Burtescu, Flavia Roxana Pripon Furtuna, Alexandru-Sabin Nicula, Carmen Neamtu, Adrian-Marius Maghiar, Lăcrămioara-Carmen Ivănescu, Maria-Magdalena Zamfirache, Endre Mathe, and Violeta Turcuș\*. 2022. "A Comparative Analysis of the Anatomy, Phenolic Profile, and Antioxidant Capacity of *Tussilago farfara* L. Vegetative Organs" *Plants* 11, no. 13: 1663.

<sup>†</sup> These authors contributed equally to this work.

Factor de impact în anul 2022 conform JCR 4.5

Citări (20.12.2023): Web of Science – 3, Scopus – 3, Crossref – 2, Google Scholar – 4.

2022

### **A Comprehensive View on the Quercetin Impact on Colorectal Cancer**

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Neamtu, Andreea-Adriana<sup>†</sup>, Teodor-Andrei Maghiar<sup>†</sup>, Amina Alaya, Neli-Kinga Olah, Violeta Turcus, Diana Pelea, Bogdan Dan Totolici, Carmen Neamtu\*, Adrian Marius Maghiar\*, and Endre Mathe. 2022. "A Comprehensive View on the Quercetin Impact on Colorectal Cancer" *Molecules* 27, no. 6: 1873.

<sup>†</sup> These authors contributed equally to this work and are both considered first author.

Factor de impact în anul 2022 conform JCR 4.6

Citări (20.12.2023): Web of Science – 20, Scopus – 20, Crossref – 20, Google Scholar – 27.

2020

### **Bilberry (*Vaccinium myrtillus* L.) Extracts Comparative Analysis Regarding Their Phytonutrient Profiles, Antioxidant Capacity along with the In Vivo Rescue Effects Tested on a *Drosophila melanogaster* High-Sugar Diet Model**

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Neamtu, Andreea-Adriana<sup>†</sup>, Rita Szoke-Kovacs<sup>†</sup>, Eموke Mihok, Cecilia Georgescu, Violeta Turcus, Neli Kinga Olah, Adina Frum, Ovidiu Tita, Carmen Neamtu, Zsombor Szoke-Kovacs, Zoltan Cziaky, and Endre Mathe\*. 2020. "Bilberry (*Vaccinium myrtillus* L.) Extracts Comparative Analysis Regarding Their Phytonutrient Profiles, Antioxidant Capacity along with the In Vivo Rescue Effects Tested on a *Drosophila melanogaster* High-Sugar Diet Model" *Antioxidants* 9, no. 11: 1067.

<sup>†</sup> Andreea-Adriana Neamtu and Rita Szoke-Kovacs contributed equally to this work and are both considered first author.

Factor de impact în anul 2020 conform JCR 6.313

Citări (20.12.2023): Web of Science – 19, Scopus – 19, Crossref – 21, Google Scholar – 24.

## ● **WORK EXPERIENCE**

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01/10/2024 – CURRENT Timisoara, Romania

**ŞEF DE LUCRĂRI** UNIVERSITATEA DE MEDICINĂ ŞI FARMACIE VICTOR BABEŞ

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01/01/2023 – CURRENT Arad, Romania

## RESIDENT DOCTOR IN PATHOLOGY SPITALUL CLINIC JUDEȚEAN DE URGENȚĂ ARAD

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**Business or Sector** Human health and social work activities | **Department** Anatomie patologică |

**Address** Str. Andrányi Károly 2-4, Secția clinică Anatomie patologică, 310037, Arad, Romania |

**Website** <https://scjarad.ro/servicii/anatomie-patologica/>

01/10/2022 – CURRENT Arad, Romania

## ASSISTANT PROFESSOR BIOCHEMISTRY UNIVERSITATEA DE VEST "VASILE GOLDIȘ" DIN ARAD

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**Business or Sector** Education | **Department** Facultatea de Medicină |

**Address** B-dul Revoluției 94-96, Catedra de Biochimie, 310025, Arad, Romania | **Website** <https://www.uvvg.ro/>

01/10/2019 – 03/03/2023 Oradea, Romania

## PHD STUDENT - MEDICINE UNIVERSITATEA DIN ORADEA

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Activitate de cercetare cu focus asupra **Abordului multimodal, nutrițional al cancerului colorectal** concretizată prin 3 articole originale publicate în jurnale de specialitate cu coeficient Q1 și Q2, indexate Web of Science (SCIE) și PubMed  
- Coordonator Decan Prof. Dr. Adrian-Marius Maghiar

**Business or Sector** Professional, scientific and technical activities |

**Department** Școala Doctorală de Științe Biomedicale - Medicină | **Address** Str. Universității, Nr. 1, 410087, Oradea, Romania |

**Website** <https://doctorat.uoradea.ro/ro/>

07/2020 – 09/2020 Debrecen, Hungary

## RESEARCHER - GENETICS UNIVERSITATEA DIN DEBRECEN

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**Business or Sector** Professional, scientific and technical activities | **Department** Institutul de Nutriție |

**Address** Str. Böszörményi, Nr. , 4032, Debrecen, Hungary | **Website** <https://edu.unideb.hu/>

01/10/2018 – 11/2019 Viena, Austria

## GRADUATE RESEARCHER BIOCHEMISTRY MAX PERUTZ LABS - VIENNA BIOCENTER - UNIVERSITATEA DE MEDICINĂ DIN VIENA

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**Business or Sector** Professional, scientific and technical activities | **Address** Str. Dr.-Bohr-Gasse, Nr. 9, 1030, Viena, Austria |

**Website** <https://www.maxperutzlabs.ac.at/>

## ● PROJECTS

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04/2023 – 05/2023

### Project Team Member

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Proiect: „Atelier despre sănătate cu experimente captivante”

Proiect finanțat nr.: 1935/07.04.2023

Locație de implementare: Universitatea de Vest "Vasile Goldiș" din Arad

Sursă de finanțare: Centrului Municipal de Cultură Arad - Proiecte de tineret, învățământ și recreative 2023 Sesiunea I

Finanțare: 3,000 Lei

01/2019 – 12/2022

### Scientific Research Project Team Member

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Proiect: „Development of innovative composite and enriched flours to improve the nutritional properties of bakery products”

Proiect finanțat nr.: 2018-2.I.3-EUREKA-2018-00004

Locație de implementare: University of Debrecen, Ungaria

Manager de proiect: Fulep Zsolt, Dr. Endre Mathe

Sursă de finanțare: Hungarian National Research, Development and Innovation Fund - Eureka programme

Finanțare: 188.000 Euro

10/2018 – 11/2019

### Scientific Research Project Team Member

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Proiect: „The Nuclear Pore Basket – Functional Architecture of a Membrane Remodeling Machine”  
Proiect finanțat nr.: EU H2020 ERC NPC-BUILD (FA616A0402)  
Locație de implementare: Medical University of Vienna, Austria  
Manager de proiect: Alwin Kohler  
Sursă de finanțare: EXCELLENT SCIENCE - European Research Council (ERC)  
Finanțare: 2.178.488 Euro

## ● CONFERENCES AND SEMINARS

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10/2023 German Cancer Research Center (DKFZ), Heidelberg, Germania  
**2nd International Liver Cancer Research Conference 2023**

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09/2023 Dublin, Irlanda  
**35th European Congress of Pathology**

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06/2023 Universitatea de Medicină și Farmacie Victor Babeș, Timișoara, România  
**PathoTim 2023 - Recent advances in soft tissue, head and neck pathology and immunohistochemistry**

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06/2023  
**2nd NutriTerra International Hybrid Congress - "Precision nutrition and food security in the digital era. Nutrigenetic and life cycle nutrition"**

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05/2023 Universitatea de Vest "Vasile Goldiș" din Arad, Arad, România  
**Zilele Academice Arădene 2023**

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Prezentare

05/2023 Universitatea de Vest "Vasile Goldiș" din Arad, Arad, România  
**Școala de Gemoterapie**

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Prezentare

06/2022 Universitatea de Vest "Vasile Goldiș" din Arad, Arad, România  
**Școala de Gemoterapie**

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Prezentare

05/2022 Universitatea de Vest "Vasile Goldiș" din Arad, Arad, România  
**Zilele Academice Arădene 2022**

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Prezentare

05/2021 Universitatea de Vest "Vasile Goldiș" din Arad, Arad, România  
**Zilele Academice Arădene 2021**

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Prezentare

11/2019 Vienna BioCenter, Viena, Austria  
**RECONNECT: PhD Programme 25 Years (17th Annual VBC PhD Programme Symposium)**

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11/2018 Vienna BioCenter, Viena, Austria  
**METAMORPHOSIS: Transforming Science (16th Annual VBC PhD Programme Symposium)**

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09/2018 Universitatea din Patras, Patras, Grecia  
**EMBO Conference: DNA Replication, Chromosome Segregation and Fate Decisions**

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Poster

09/2018 EMBL Heidelberg, Heidelberg, Germania  
**EMBO Workshoch: Chemical Biology 2018**

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Poster

07/2017 Jacobs University Bremen, Bremen, Germania

### Biophysics Summer School

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01/2017 Leibniz Lung Center, Borstel, Germania

### 7th North German Biophysics Meeting

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Poster

07/2016 Jacobs University Bremen, Bremen, Germania

### Biophysics Summer School

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05/2016 Universitatea de Vest "Vasile Goldiș" din Arad, Arad, România

### Zilele Academice Arădene 2016

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Prezentare

01/2016 Leibniz Lung Center, Borstel, Germania

### 6th North German Biophysics Meeting

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Poster

05/2015 Universitatea de Vest "Vasile Goldiș" din Arad, Arad, România

### Zilele Academice Arădene 2015

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Prezentare

06/2014 Universitatea de Medicină, Târgu Mureș, România

### 5th National Congress with International Participation and 31st Annual Scientific Session of the Romanian Society of Cell Biology

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Prezentare

05/2014 Universitatea de Vest "Vasile Goldiș" din Arad, Arad, România

### Zilele Academice Arădene 2014

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Prezentare

## ● LANGUAGE SKILLS

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Mother tongue(s): **ROMANIAN**

Other language(s):

|                | UNDERSTANDING |         | SPEAKING          |                    | WRITING |
|----------------|---------------|---------|-------------------|--------------------|---------|
|                | Listening     | Reading | Spoken production | Spoken interaction |         |
| <b>ENGLISH</b> | C2            | C2      | C2                | C2                 | C2      |
| <b>GERMAN</b>  | B2            | B2      | B2                | B2                 | B2      |

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

## ● DRIVING LICENCE

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**Driving Licence:** B1

**Driving Licence:** B