



Christien Oktaviani Matei

WORK EXPERIENCE

Assistant researcher in University

Carol Davila University of Medicine and Pharmacy

City: Bucharest | **Country:** Romania

Research on behalf of Centrul de Cercetare de Excelenta in Biofizica si Biotehnologie Celulara, Dept. Medical Biophysics and Cellular Biotechnology, Carol Davila University of Medicine and Pharmacy

Projects involved: PCCDI Noi metodologii de diagnosticare și tratament: provocări actuale și soluții tehnologice bazate pe nanomateriale și biomateriale, Proiect component 2: Sisteme implantologice personalizate fabricate din biomateriale avansate cu multiple căi de acțiune (contract UEFISCDI 58PCCDI/2018)

Nanoplatformă pentru compuși naturali și sintetici cu efect citostatic sinergic (CYTOSIN) (UEFISCDI 525PED/2020)

Activities:

-cell biotechnology: cell culture, cell viability check, optical micromanipulation, biophysics of apoptosis and DNA fragmentation

-fluorescence cell imaging

-basic fluorescence spectroscopy

-basics of statistics and advanced processing of experimental data;

Research associate in higher education as volunteer

Carol Davila University of Medicine and Pharmacy

City: Bucharest | **Country:** Romania

Theoretical and experimental research activity related to the research topics in which the teachers of the Discipline are involved. -Projects involved:

- Role of micro particles in pathogenesis mechanism of vascular complication in chronic myeloproliferative patients" (PARTE-MPN)"- ctr. Nr 141 PED/2017-2018
- INCLLEN-Epidemiologic Research on Autism in Romania- Pilot (IN-ERAR) – University of Texas Health Science Center at Houston and "Carol Davila" University of Medicine and Pharmacy (2016-2018)

General Practitioner

Indonesian Ministry of Health

City: Sorong, Papua | **Country:** Indonesia

Activities in Sele Be Solu Hospital and Puskesmas Remu, Sorong:

-provided comprehensive medical care to a diverse patient population, honing my skills in diagnosis, treatment, and patient management.

EDUCATION AND TRAINING

[1 Oct 2019 – Current]

PhD student

Carol Davila University of Medicine and Pharmacy umfcd.ro

City: Bucharest | **Country:** Romania |

[13 Jul 2012 – 12 Jul 2014]

Medical Doctor

Gadjah Mada University, Faculty of Medicine, International Program
<https://ugm.ac.id/en/fakultas/faculty-of-medicine-public-health-and-nursing/>

City: Yogyakarta | **Country:** Indonesia |

[1 Sep 2008 – 22 May 2012]

Bachelor in Medicine

Gadjah Mada University, Faculty of Medicine, International Program
<https://ugm.ac.id/en/fakultas/faculty-of-medicine-public-health-and-nursing/>

City: Yogyakarta | **Country:** Indonesia |

LANGUAGE SKILLS

Mother tongue(s): Indonesian

Other language(s):

English

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

Romanian

LISTENING B2 READING B2 WRITING B1

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

Javanese

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

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

DIGITAL SKILLS

My Digital Skills

Origin software (data processing and analysis) | IBM Statistical package for Sciences (SPSS) | Proficient user of browser and cloud storage | Microsoft Office package: Microsoft Word, Excel, PowerPoint, Access

PUBLICATIONS

[2020]

Influence of surfactant-tailored Mn-doped ZnO nanoparticles on ROS production and DNA damage induced in murine fibroblast cells.

Reference: Popescu, Traian; Matei, Christien Oktaviani et al;

Scientific Reports, 2020, 10(1), 18062 Doi: 10.1038/s41598-020-74816-0.

[2020]

• Effects of Ibrutinib on biophysical parameters of platelet in patients with chronic lymphocytic leukaemia

Reference: Popov VM, Matei CO et al

American Journal of Blood Research. 2020;10(6):311-9. WOS:000605018900002

• **Assessment of platelet membrane alteration in patients with myeloid metaplasia with myelofibrosis**

Reference: Popov, V., Matei, C. O et al

HemaSphere: June 2019 - Volume 3 - Issue S1 - p 984 DOI doi: 10.1097/01.HS9.0000567260.40404.ce

• **Concentrations of Lead, Mercury, Arsenic, Cadmium, Manganese, and Aluminum in Blood of Romanian Children Suspected of Having Autism Spectrum Disorder**

Reference: Hessabi, Manouchehr; Rahbar, Mohammad H;; Matei, Christien Oktaviani et al

INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH. 2019 JUL VOL 16 ISSUE 13 NO 2303. DOI 10.3390/ijerph16132303.

[2022] [Facile synthesis of low toxicity iron oxide/TiO₂ nanocomposites with hyperthermic and photo-oxidation properties](#)

Reference: Popescu, T., Oktaviani Matei, et al. Facile synthesis of low toxicity TiO₂;Sci Rep 12, 6887

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AWARDS

[18 Jul 2018 – 21 Jul 2018] **Reach the World Grant**

Poster presentation at 64th Meeting of the International Society on Thrombosis and Haemostasis, Dublin, Ireland

[7 Jun 2018 – 9 Jun 2018] **1st Place Young Researcher Award, Carol Davila University Medical Congress**

1st Place Young Researcher Award for Preclinical Section

6th Carol Davila University Medical Congress,

7-9 June, 2018, Bucharest