

CURRICULUM VITAE

Personal information

Name, Surname:	Christien Oktaviani Matei
Researcher unique identifier(s) (ORCID, Researcher ID etc.):	ORCID ID : 0000-0001-5003-1321 Brainmap Uef-id = U-1900-061L-9260

Education

Year	Faculty/department - University/institution - Country
2019 - now	PhD program - Dept. Medical Biophysics and Cellular Biotechnology - Carol Davila University of Medicine and Pharmacy - Bucharest, Romania
2012-2014	Medical Doctor - Faculty of Medicine - Gadjah Mada University - Indonesia
2008-2012	Bachelor of Medicine - Faculty of Medicine - Gadjah Mada University - Indonesia

Positions - current and previous

(Academic sector/research institutes/industrial sector/public sector/other)

Year	Job title – Employer - Country
2024- now	University Research Assistant undetermined period- Research Excellence Center in Biophysics and Cellular Biotechnology, Dept. Medical Biophysics and Cellular Biotechnology - Carol Davila University of Medicine and Pharmacy - Bucharest, Romania
2020-2022	University Research Assistant determined period (CYTOSIN, UEFISCDI 525PED/2020) - Research Excellence Center in Biophysics and Cellular Biotechnology, Dept. Medical Biophysics and Cellular Biotechnology - Carol Davila University of Medicine and Pharmacy - Bucharest, Romania
2018-2020	University Research Assistant determined period (UEFISCDI 58PCCDI/2018)- Research Excellence Center in Biophysics and Cellular Biotechnology, Dept. Medical Biophysics and Cellular Biotechnology - Carol Davila University of Medicine and Pharmacy - Bucharest, Romania

2017-2018	Volunteer - Research Excellence Center in Biophysics and Cellular Biotechnology, Dept. Medical Biophysics and Cellular Biotechnology - Carol Davila University of Medicine and Pharmacy - Bucharest, Romania
2014-2016	General Practitioner - Sele Be Solu Hospital - Sorong, Indonesia

Career breaks (if case)

Year	Reason
2022-2024	Maternity Leaves

Project management experience

(Academic sector/research institutes/industrial sector/public sector/other. Please list the most relevant.)

Year	Project title - Role - Funder - Budget - link to project webpage
2017-2018	INCLIN-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
2017-2018	Role of micro particles in pathogenesis mechanism of vascular complication in chronic myeloproliferative patients” (PARTE-MPN)” - ctr. Nr 141 PED/2017-2018
2018-2020	PCCDI New Diagnostic and Treatment Methodologies: Current Challenges and Technological Solutions Based on Nanomaterials and Biomaterials - Component Project 2: Customized Implant Systems Made of Advanced Biomaterials with Multiple Pathways of Action (contract UEFISCDI 58PCCDI/2018)
2020-2022	CYTOSIN - Nanoplatformă pentru compuși naturali și sintetici cu efect citostatic sinergic / Nanoplatform for natural and synthetic compounds with synergistic cytostatic effect - UEFISCDI 525PED/2020

Track record of the last 10 years

A list of the ten most important scientific outputs (publications, patents, technologies etc).

Published article

- **Membrane potential evaluation of platelets from chronic myeloproliferative neoplasms and thrombosis patients.** Matei CO, Popov VM, Matei MB, Kovacs E, Moisescu MG, Savopol T. Romanian Journal of Physics, 2025, 70(2), in press, FI - estimat 0.7/2025, Q4, capitolul IV, pag. 86–92
- **Cost-effective optimized method to process 3D tumoral spheroids in microwell arrays for immunohistochemistry analysis.** Matei MB, Marinescu CL, Matei CO, Pînzariu AS, Zăgrean L, Moisescu MG. J Med Life. 2024 Jun;17(6):601-609. doi: 10.25122/jml-2024-0267. PMID: 39296442; PMCID: PMC11407497.

- **A focused review of the immune response in electrochemotherapy.** Matei, M. B., Matei, C. O., Sibel, A., Zăgrean, L., Georgeta, M. *Fiziologia - Physiology Journal* • 2024.1(106) ISSN 1223-2076
- **Facile synthesis of low toxicity iron oxide/TiO₂ nanocomposites with hyperthermic and photo-oxidation properties.** Popescu T, Matei CO, Culita D, Maraloiu VA, Rostas A, Diamandescu L, Iacob N, Savopol T, Ilas M, Feder M, Lupu A, Iacoban A, Vlaicu I, Moiescu MG. *Scientific Reports*, 2022, 12, Article 11003, FI - 4.996/2022, Q1, capitolul V, pag. 105–116. <https://doi.org/10.1038/s41598-022-11003-3>
- **Influence of surfactant-tailored Mn-doped ZnO nanoparticles on ROS production and DNA damage induced in murine fibroblast cells.** Popescu, Traian; Matei, Christien Oktaviani; Vlaicu, Ioana Dorina; Tivig, Ioan; Kuncser, Andrei Cristian; Stefan, Mariana; Ghica, Daniela; Miclea, Luminita Claudia; Savopol, Tudor; Culita, Daniela Cristina; Moiescu, Mihaela Georgeta. *Scientific Reports*, 2020, 10(1), 18062 Doi: 10.1038/s41598-020-74816-0.
- **Effects of Ibrutinib on biophysical parameters of platelet in patients with chronic lymphocytic leukaemia.** Popov VM, Matei CO, Omer M, Onisai M, Matei MB, Savopol T, Bumbea H, Moiescu MG *American Journal of Blood Research*. 2020;10(6):311-9. WOS:000605018900002
- **Assessment of platelet membrane alteration in patients with myeloid metaplasia with myelofibrosis.** Popov, V.1; Matei, C. O.2; Matei, B. M.2; Leu, R.3; Dumitru, I.4; Dobrea, C.5; Trifa, A.6; Iova, A.7; Begu, M.7; Moiescu, M. G.3; Savopol, T.3; Kovacs, E.3; Vladareanu, A. M.4; Omer, M.1; Andreescu, M.1; Patrinoiu, O.1; Georgescu, D.1; Bumbea, H.4 PB2195, *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.** Hessabi, Manouchehr; Rahbar, Mohammad H.; Dobrescu, Iuliana; Bach, MacKinsey A.; Kobylinska, Liana; Bressler, Jan; Grove, Megan L.; Loveland, Katherine A.; Mihailescu, Ilinca; Nedelcu, Maria Cristina; Moiescu, Mihaela Georgeta; Matei, Bogdan Mircea; Matei, Christien Oktaviani; Rad, Florina. *INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH*. 2019 JUL VOL 16 ISSUE 13 NO 2303. DOI 10.3390/ijerph16132303.

Published papers in National Conferences Volumes

- **The biocompatibility of Iron oxide-TiO₂ nanocomposites with magnetic and photocatalytic properties.** Christien Oktaviani Matei, Traian Popescu, Ioana Dorina Vlaicu, Tudor Savopol, Mihaela Georgeta Moiescu. **Prezentare orală:** în cadrul Sesiunii Tânărilor Cercetător - Specialități preclinice - la congresul universității de medicină și farmacie "Carol Davila" din București, editia A IX-A. desfășurat online în perioada 25-27 noiembrie 2021.
- **The Resting Membrane Potential Evaluation of Platelets from Chronic Myeloproliferative Neoplasms Patients.** Christien Oktaviani Matei, Rebeca Leu, Viola Maria Popov, Mircea Bogdan Matei, Tudor Savopol, Mihaela Georgeta Moiescu. **Prezentare orală:** la A 6-a editie a Congresului Universitatii de Medicina și Farmacie Carol Davila, 7-9 iunie 2018, Bucuresti, Romania **premiul Young Investigator Award pedomeniul Preclinic.**

Published papers in International Conferences Volumes

- **The Role of Reactive Species Production In Assessment of Thrombotic Risk In Chronic The fluidity of platelet membrane an important parameter for platelet function in chronic myeloproliferative neoplasms patients.** Viola Maria Popov, Horia Bumbea, Tudor Savopol, Ion

Dumitru, Bogdan Matei, **Christien Oktaviani Matei**, Mihaela Andreescu, Meilin Omer, Felicia Mihai, Oana Patrinoiu, Ana Maria Vladareanu, Mihaela Georgeta Moiescu, **Poster PB041**, Prezentare poster: la 64th Meeting of the International Society on Thrombosis and Haemostasis, Dublin, Irlanda, 18-21 iulie 2018, **premiul Reach the World Grant**.

- **Assessment Of Changes Of Membrane Fluidity And Platelet Membrane Potential In Patients With Chronic Myeloproliferative Neoplasms.** V. Popov, H. Bumbea, B. Matei, **C. Matei**, M. Omer , F. Mihai , M. Moiescu, T. Savopol, VIIIth International Eurasian Hematology Oncology Congress, 18-21 octombrie 2017, Istanbul, Turkey, **oral presentation**, abstract OP-19 Leukemia Research, October 2017, 61:Suppl 1, ISSN 0145-2126,

Date

June 04, 2025

Christien Oktaviani MATEI