

Published article

- Popescu, T., **Oktaviani Matei, C.**, Culita, D. et al. **Facile synthesis of low toxicity iron oxide/TiO₂ nanocomposites with hyperthermic and photo-oxidation properties.** Sci Rep 12, 6887 (2022). <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; Moisescu, 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, Moisescu 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; Dobreă, C.5; Trifa, A.6; Iova, A.7; Begu, M.7; Moisescu, 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; Moisescu, 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

Presenting author

- **The biocompatibility of Iron oxide-TiO₂ nanocomposites with magnetic and photocatalytic properties.** **Christien Oktaviani Matei**, Traian Popescu, Ioana Dorina Vlaicu, Tudor Savopol, Mihaela Georgeta Moisescu. **Prezentare orală:** în cadrul Sesiunii Tânarului 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 Moisescu. **Prezentare orală:** la A 6-a editie a Congresului Universitatii de Medicina și Farmacie Carol Davila, 7-9 iunie 2018, București, Romania premiul Young Investigator Award pedomeniul Preclinic.
- **Multiparametric Evaluation of Platelets from Chronic Myeloproliferative Neoplasms Patients.** **Christien Oktaviani Matei**, Rebeca Leu, Viola Maria Popov, Mircea Bogdan Matei, Tudor Savopol, Mihaela Georgeta Moisescu. **Prezentare orală (O-14)** la a XV-a Conferinta Nationala a Societatii Romane de Biofizica Pura si Aplicata, București, 7-10 septembrie 2018.
- **Influence of hypertension counseling program to the knowledge of chronic hypertensive patients in the primary health care, Remu, Sorong.** **Christien Oktaviani et.al.**, Oral Presentation : Prolanis Guidelines Book, Indonesia, 2015
- **The influence of lung tuberculosis counseling on the knowledge and behavior of the community regarding the prevention of tuberculosis in Prawirodirjan village, Gondomanan district,**

Yogyakarta municipality. Christien Oktaviani et. al. Gadjah Mada University, Public Health Science Press, 2013

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Co-author

- **Analiza modificarilor fluiditatii si potentialului de membrane trombocitara la pacientii cu neoplazii mieloproliferative cronice.** V. Popov, A. Vladareanu, B. Matei, **C. Matei**, M. Omer, M. Andreescu, O. Patrinoiu, F. Mihai, M.G. Moiescu, E. Kovacs, T. Savopol, H. Bumbea, A V-a Conferinta Nationala de Hemostazasi Tromboza (SRHT), 2-4 Noiembrie 2017, Bucuresti, **oral presentation**.

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Co-author

- **The analyses of influence of platelet membrane fluidity in platelet receptors expression in chronic myeloproliferative neoplasms patients.** Viola M Popov, Ion Dumitru , Bogdan Matei, **Christien O. Matei**, Mihaela Andreescu, Meilin Omer, Felicia Mihai, Oana Patrinoiu, Mihaela G. Moiescu, Tudor Savopol, Ana Maria Vladareanu, Horia Bumbea la 12th WORLD HEMATOLOGISTS CONGRESS, 15-16 martie 2018, Londra UK, **oral presentation**
- **The evaluation of oxidative status and platelet membrane function in chronic myeloproliferative neoplasms patients.** V Popov, **C.O Matei**, B.M. Matei, I. Dumitru, M. Omer, M.G. Moiescu, T. Savopol, O Patrinoiu, M. Andreescu, F. Mihai, A.M. Vladareanu, H. Bumbea, Prezentare poster: la XXXIst International Symposium on Technological Innovations in Laboratory Hematology, 10-12 mai 2018, Bruxelles, Belgia, **Poster No 290**.
- **The Importance of Fluorescence Anisotropy of Platelet Membrane in Platelet Receptor Expression in Chronic Patients with Chronic Myeloproliferative Neoplasms.** V Popov, H. Bumbea, T.Savopol, I. Dumitru, B.M.Matei, **C.O Matei**, M. Andreescu, M. Omer, F. Mihai, O Patrinoiu, A.M.Vladareanu, M.G. Moiescu. **Prezentare poster:** la ESH International Conference on MPN, Saagart-Dublin, Irlanda, 15-17 mai 2018.
- **The Role of Reactive Species Production In Assessment of Thrombotic Risk In Chronic Myeloproliferative Neoplasms Patients.** V Popov, MG Moiescu, T Savopol, **CO Matei**, BM Matei, M Omer, F. Mihai, O Patrinoiu, M Andreescu, I. Dumitru, AM Vladareanu, H Bumbea, Prezentare poster: la 25th Biennial International Congress on Thrombosis, Venetia, Italia, 23-26 mai 2018, **Poster P-0159**
- **Evaluation of Platelet Receptor Expression In Chronic Lymphoid Leukemia Treated With Ibrutinib,** Viola Popov, Ion Florin Dumitru, **Christien Oktaviani Matei**, Bogdan Mircea Matei, Meilin Omer, Rebeca Leu, Mihaela Georgeta Moiescu, Tudor Savopol, Eugenia Kovacs, Horia Bumbea – **Poster PB2359** Al 23-lea Congres anual al Societatii Europene de Hematologie, EHA 2018, 14-17 iunie 2018 Stockholm, Suedia publicate in HemaSphere 2(S1) – 2018.
- **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 PBO41**, Prezentare poster: la 64th Meeting of the International Society on Thrombosis and Haemostasis, Dublin, Irlanda, 18-21 iulie 2018, premiul Reach the World Grant.
- **The assessment of JAK 2 mutation role in platelet membrane fluidity changes in chronic myeloproliferative neoplasms patients.** VM Popov, **CO Matei**, B Matei, A. Trifa, F. Raicu, M. Omer,

R. Leu, T. Savopol, MG Moiescu, E Kovacs, M Andreescu, AM Vladareanu, H. Bumbea. **Prezentare poster:** la XXXVII World Congress of the International Society of Hematology (ISH 2018), 13-16 septembrie 2018, Vancouver, Canada.

- **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,
- **Modification of platelet function in chronic lymphoid leukemia treated with Ibrutinib,** V. M. Popov, M. G. Moiescu, E. Kovacs, M. M. Bogdan, **C. O. Matei**, A. M. Vladareanu, H. Bumbea, T.Savopol, Lymphoma & Myeloma International Congress, 26-28 octombrie 2017, New York, USA, **Poster**, P-011,
- **Evaluation of Platelet Membrane Fluidity in Assessment of Thrombosis Risk at Chronic Myeloproliferative Neoplasms Patients,** V. M. Popov, M. B. Matei, **C. O. Matei**, M. G. Moiescu, M. Omer, M. Andreescu, F. Mihai, E. Kovacs, A. M. Vladareanu, H. Bumbea, T.Savopol, 10th International Congress on Myeloproliferative Neoplasms and Chronic Myeloid Leukemia, 2-3 noiembrie 2017, New York 2017 **Poster**, P105.
- **Assessment of Changes of Membrane Properties and Platelets Function in Patients with Chronic Myeloid Leukaemia,** V. Popov, A. Vladareanu, B. Matei, **C. Matei**, M. Omer, M. Andreescu, O. Patrinoiu, F. Mihai, M.G. Moiescu, E. Kovacs, T. Savopol, H. Bumbea, **Poster** la 59th ASH Annual Meeting, 9-12 decembrie 2017.

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