

Piotr Wroczyński

Curriculum Vitae



Personal details

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Current Occupation: Professor and Dean of the Faculty of Pharmacy
Medical University of Warsaw

Research Identifiers: [ORCID:0000-0001-7494-2154](https://orcid.org/0000-0001-7494-2154)
[Scopus ID: 6602523183](https://scopus.com/authid/detail.uri?authorId=6602523183)
[Researcher ID: V-7439-2018](https://publons.com/author/urn:lsid:impa.org:urn:lsid:impa.org:V-7439-2018)

Education and scientific career

1977 Master in Pharmacy, Medical Academy in Warsaw (MAW, currently
Medical University of Warsaw, MUW), supervisor: Prof. Bożenna Gutkowska,
“*Synthesis of derivatives of pyrimidine of potential therapeutic activity*”

1981 PhD in Pharmacy, Faculty of Pharmacy of MAW, supervisor: Prof. Lech
Skulski, “*Halogeno- and cyanodemercuration of caffeine*”

1981- 1982 Research assistant at the Department of Physical Chemistry of MAW

1982 - 1986 Research assistant and lecturer at the Department of Physical Chemistry of
MAW

1986 - 2002 Assistant professor at the Department of Physical Chemistry of MAW

2002 - 2007 Assistant professor at the Department of Organic Chemistry of MAW

2005 Habilitation (D.Sc.) at the Pharmacy Department, MUW, “*Use of fluorescence
method for the selective determination of the activity of two classes of aldehyde
dehydrogenase in biological material*”

2007 - present Head, Bioanalysis and Drug Analysis Department and Associate Professor at
MUW

2008-2012 Vice-Dean of the Faculty of Pharmacy of MUW

2012-2016 and 2017-present Dean of the Faculty of Pharmacy of MUW

2015- present Full professor at MUW

Internships

1983 Pharmaceutical Chemistry Laboratory in Messina, Italy, three months
1989 –1990 Laboratory of Quality Assessment of Medicinal Products of Natural Origin,
 London

Professional memberships

Polish Pharmaceutical Society
Polish Society of Laboratory Diagnosticians, Chairman of the Committee of Postgraduate Education

Research interests

- Development of bioanalytical and analytical methods for identification and determination of biologically active substances and drug substances in compl as well as environmental materials. ex multi-component natural matrixes including body fluids and tissues, *in vivo*, *ex vivo* and *post mortem*.
- Development and validation of analytical methods in toxicology, multi-targeted analysis of various xenobiotics in blood and other body fluids.
- Development of analytical methods for determination of the active component of new selenium containing drug candidate Selol. Determination of physicochemical properties of nanoparticles containing Selol and magnetic nanoparticles.
- Selective determination of the activity of the selected isoenzymes of aldehyde dehydrogenase in various pathological conditions with the use of fluorescence spectroscopy.

Other professional activities

Initiating of international academic and industrial cooperation of the Pharmacy Department in experimental research and education, students and PhD students exchange, research internships.

Join research projects with the University of Central Lancashire (UCLAN) in Preston, UK and with the University in Reims, France.

Introducing of new advanced lectures, innovative teaching and courses into the education program of the Pharmacy Department for national and international students.

Implementing of the initiative of the English Division at the Pharmacy Department of MUW.

Author's program of the new subject of bioinorganic chemistry and student's textbook.
Contribution to the development of new educational standards in teaching pharmacy.

National research grants

- 2011-2014 Medical Academy of Warsaw, Statutory Grant No. FW27/N11, "Investigations of active compounds and impurities in drugs of different therapeutic groups", principal investigator (PI)
- 2011-2014 Ministry of Science and Higher Education Grant No. FW27/3A69/11, "Investigations of mechanism of action and therapeutic efficacy of Selol", PI
- 2007-2010 Ministry of Science and Higher Education Grant No. N312 035 31/2169 "Aldehyde dehydrogenase in saliva – determination of enzyme activity and preliminary assessment of its significance in food safety", main investigator

Research awards

- 2009 Medal for the "Merits for the Medical University of Warsaw"
- 2004 Team Scientific Award of second degree for research "Aromatic aldehydes as fluorogenic indicators for human aldehyde dehydrogenases and oxidases: substrate and isozyme" granted by Rector of Medical Academy in Warsaw (MAW)
- 2001 Team Scientific Award of second degree for a series of publications "Aldehyde dehydrogenase isoenzymes in tumour assay with possible prognostic value for oxazaphosphorinane chemotherapy", granted by Rector of MAW
- 1998 Team Scientific Award of first degree for developing a fluorometric method for detection of dehydrogenases in human and animal tissues, granted by Rector of MAW
- 1992 Team Scientific Award for a series of publications on the synthesis and reactions of organic mercury derivatives, granted by the Health and Social Care Minister of Poland

Selected recent publications

1. Bosnic-Anticevich S , Costa E , Menditto E , Lourenco O , Novellino E , Białek Sławomir Grzegorz, **Wroczy ski Piotr Paweł**, et All., ARIA pharmacy 2018 "Allergic rhinitis care pathways for community pharmacy". *Allergy*, doi: [10.1111/all.13701](https://doi.org/10.1111/all.13701), 2019; 74(7): 1219-1236. IF 6.771.
2. Zyguła Aleksandra, Kosi ski Przemysław Józef, Zwierzchowska Aneta, Sochacka Małgorzata, **Wroczy ski Piotr Paweł**, Makarewicz-Wujec Magdalena, Pietrzak Bronisława, Wielgo Mirosław Zbigniew, Rzentala Mateusz, Giebułtowicz Joanna. Oxidative stress markers in saliva and plasma differ between diet-controlled and insulin-controlled gestational diabetes mellitus. *Diabetes Research and Clinical Practice*, doi: [10.1016/j.diabres.2018.11.021](https://doi.org/10.1016/j.diabres.2018.11.021), 2019; 148:72-80, IF 3.239.

3. Pi tek Tomasz, Giebułtowicz Joanna, RÜth Marieke, Lemke Horst-Dieter, Bonn Florian, **Wroczy ski Piotr Paweł**, Hre czuk Marta Katarzyna, Małkowski Piotr, Różga Jacek Grzegorz. Albumin Apheresis for Artificial Liver Support: In Vitro Testing of a Novel Filter. *Therapeutic Apheresis and Dialysis*, doi: [10.1111/1744-9987.12665](https://doi.org/10.1111/1744-9987.12665), 2018; 22(4): 399-409, IF 1.077.
4. Sochacka Małgorzata, Giebułtowicz Joanna, Remiszewska Małgorzata , Suchocki Piotr Roman, **Wroczy ski Piotr Paweł**. Effects of Selol 5% supplementation on tissue antioxidant enzyme levels and peroxidation marker in healthy mice. *Pharmacological Reports*, doi: [10.1016/j.pharep.2018.06.003](https://doi.org/10.1016/j.pharep.2018.06.003), 2018; 70(6): 1073-1078, IF 2.761.
5. Giebułtowicz Joanna, Tyski Stefan, Wolinowska Renata, Grzybowska Wanda, Zar ba Tomasz, Drobniowska Agata, **Wroczy ski Piotr Paweł**, Nał cz-Jawecki Grzegorz Leszek. Occurrence of antimicrobial agents, drug-resistant bacteria, and genes in the sewage-impacted Vistula River (Poland). *Environmental Science and Pollution Research*, doi: [10.1007/s11356-017-0861-x](https://doi.org/10.1007/s11356-017-0861-x). 2018; 25(6): 5788-5807, IF 2.914 .
6. Korytowska Natalia, Sankowski Bartłomiej, Wyczałkowska-Tomasik Aleksandra, P czek Leszek, **Wroczy ski Piotr Paweł**, Giebułtowicz Joanna. The utility of saliva testing in the estimation of uremic toxin levels in serum. *Clinical Chemistry and Laboratory Medicine*, doi: [10.1515/cclm-2018-0087](https://doi.org/10.1515/cclm-2018-0087), 2018; 57(2): 230-237, IF 3.638.
7. Wyczałkowska-Tomasik Aleksandra, Czarkowska-P czek Bo ena Stanisława, Giebułtowicz Joanna, **Wroczy ski Piotr Paweł**, P czek Leszek. Age-dependent increase in serum levels of indoxyl sulphate and p-cresol sulphate is not related to their precursors: Tryptophan and tyrosine. *Geriatrics & Gerontology International*, doi: [10.1111/ggi.12811](https://doi.org/10.1111/ggi.12811), 2017; 17(6): 1022-1026, IF 2.656.
8. Giebułtowicz Joanna, Ru ycka Monika, **Wroczy ski Piotr Paweł**, Purser David, Stec Anna. Analysis of fire deaths in Poland and influence of smoke toxicity. *Forensic Science International*, doi: [10.1016/j.forsciint.2017.05.018](https://doi.org/10.1016/j.forsciint.2017.05.018),. 2017; 277:77-87 IF 1.974.
9. Piotrowski Roman, Giebułtowicz Joanna, Baran Jakub, Sikorska Agnieszka, Gralak-Łachowska Dagmara, Soszy ska Małgorzata, **Wroczy ski Piotr Paweł**, Kułakowski Piotr. Antazoline-insights into drug-induced electrocardiographic and hemodynamic effects: Results of the ELEPHANT II substudy. *Annals of Noninvasive Electrocardiology*. doi: [10.1111/anec.12441](https://doi.org/10.1111/anec.12441), 2017; 22(5): 1-8, IF 1.562.
10. Ru ycka Monika, Giebułtowicz Joanna, Fudalej Marcin, Krajewski Paweł, **Wroczy ski Piotr Paweł**. Application of 2-aminothiazoline-4-carboxylic acid as a forensic marker of cyanide exposure. *Chemical Research in Toxicology*, doi: [10.1021/acs.chemrestox.6b00219](https://doi.org/10.1021/acs.chemrestox.6b00219),. 2017; 30(2): 516-523, IF 3.432.