



ACADEMIC TEACHER PROFESSIONAL EXPERIENCE

DOCTORAL SCHOOL OF WROCLAW UNIVERSITY OF SCIENCE AND TECHNOLOGY

1. Basic information

Name, surname:	Jerzy Wiśniewski
Grade / Title:	Dr n. med.
Scientific discipline	Chemical sciences
Faculty:	Faculty of Chemistry
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Link to home page and/or research profiles (Google Scholar, ResearchGate, etc.)	https://www.researchgate.net/profile/Jerzy-Wisniewski-3

2. Publication record

Up to 10 most important papers published over the period of previous 10 years.

No.	Description (authors, publication title, journal / conference, DOI)	Publication year
1.	Aleksander de Rosset, Natalia Tyszkiewicz, Jerzy Wiśniewski , Natalia Pudełko-Malik, Piotr Rutkowski, Piotr Młynarz, Grzegorz Pasternak: Bioelectrochemical synthesis of rhamnolipids and energy production and its correlation with nitrogen in air-cathode microbial fuel cells, J Environ Manage, 2024 Aug;365:121514. doi: 10.1016/j.jenvman.2024.121514	2024
2.	Aleksandra W. Cichowska, Jerzy Ł. Wiśniewski , Mariusz A. Bromke, Beata Olejnik, Marzena Mogielnicka-Brzozowska; Proteome profiling of canine epididymal fluid: in search of protein markers of epididymal sperm motility. International Journal of Molecular Sciences. 2023, vol. 24, nr 19, art. 14790, s. 1-19; DOI: 10.3390/ijms241914790	2023
3.	Dominika Drulis-Fajdasz, Adam Krzystyniak, Alicja Puścian, Agata Pytyś, Kinga Gostomska-Pampuch, Natalia Pudełko-Malik, Jerzy Ł. Wiśniewski , Piotr Młynarz, Arkadiusz Miazek, Tomasz Wójtowicz, Jakub Włodarczyk, Kamila Duś-Szachniewicz, Agnieszka Gizak, Jacek R. Wiśniewski, Dariusz Rakus: Glycogen phosphorylase inhibition improves cognitive function of aged mice. Aging Cell. 2023, vol. 22, nr 9, art. e13928, s. 1-18, DOI: 10.1111/accel.13928	2023
4.	Parafiniuk Agata, Kromer Krystyna, Fleszar Mariusz G., Kreitschitz Agnieszka, Wiśniewski Jerzy , Gamian Andrzej: Localization of sesquiterpene lactones biosynthesis in flowers of Arnica taxa, Molecules, 2023, vol. 28,1 nr 11, art.4379 [26 s.], DOI:10.3390/molecules28114379,	2023
5.	Schmitz, Claus, Madej Mariusz, Nowakowska Zuzanna, Cuppari Anna, Jacula Anna, Książek Mirosław, Mikruta Katarzyna, Wiśniewski Jerzy , Pudelko-Malik Natalia, Saran Anshu, Zeytuni Natalie, Młynarz Piotr, Lamont Richard J., Uson Isabel, Siksnys Virginijus, Potempa Jan, Sola Maria: Response regulator PorX coordinates oligonucleotide signalling and gene expression to control the secretion of virulence factors,	2022



	NUCLEIC ACIDS RESEARCH, 2022, vol. 50, nr 21 DOI: 10.1093/nar/gkac1103	
6.	Bładowski Maciej, Szahidewicz-Krupska Ewa, Wiśniewski Jerzy , Fortuna Paulina, Chojdak-Łukasiewicz Justyna, Budrewicz Sławomir, Fleszar Mariusz, Doroszko Adrian: Changes in the plasma and platelet nitric oxide biotransformation metabolites during ischemic stroke - a dynamic human LC/MS metabolomic study, Antioxidants, 2022, vol. 11, nr 5, art.955 [18 s.], DOI:10.3390/antiox11050955	2022
7.	Kaczmarek Maciej, Krzysiak Agnieszka, Kowalski Łukasz, Niedzielski Przemysław, Sych Dawid, Grzeškowiak Marek, Fleszar Mariusz, Wiśniewski Jerzy , Sawoszczuk Tomasz, Żurowski Jakub, Betyna Kamila, Pietrzak Sławomir, Stępnik Tomasz, Przymorska-Sztuczka Magdalena, Mackiewicz Maksym: Kaliska I: a Late Bronze Age metal hoard from Pomerania (Poland), Antiquity, 2022, vol. 96, nr 390, s. 1612-1620, DOI:10.15184/aqy.2022.119	2022

3. Projects and grants

List of the most important 5 projects/grants with basic description including: title, source(s) of funding, name of the call, role in the project (e.g., principal investigator).

1.	Role in the project (e.g., principal investigator, work package leader, etc.)	Investigator
	Project title	Dry eye syndrome after cataract surgery as a platform for developing reliable models of ocular surface disease to support its diagnosis and assessment
	Sources of funding	NCN, Sonata BIS
	Name of the call	
	Implementation period	2022-07-01 - 2026-06-30
2.	Role in the project (e.g., principal investigator, work package leader, etc.)	
	Project title	
	Sources of funding	
	Name of the call	
	Implementation period	
3.	Role in the project (e.g., principal investigator, work package leader, etc.)	
	Project title	
	Sources of funding	
	Name of the call	
	Implementation period	
4.	Role in the project (e.g., principal investigator, work package leader, etc.)	



	Project title	
	Sources of funding	
	Name of the call	
	Implementation period	
5.	Role in the project (e.g., principal investigator, work package leader, etc.)	
	Project title	
	Sources of funding	
	Name of the call	
	Implementation period	

4. International experience

Brief description of international cooperation and experience (e.g., research stays, cooperation with foreign entities, coordination or participation in international projects or programmes, keynote speeches and presentations delivered at renowned international conferences, visiting professor stays, invited lectures).

No.	Description	Year(s)
1.	A five-week research internship at the University of Texas at Arlington focused on the use of mass spectrometry in biomedical research.	2013
2.		
3.		

5. Experience in teaching doctoral students

Brief description of experience in teaching doctoral students (e.g., courses in doctoral schools and PhD studies, summer/winter schools for doctoral students, tutorials, trainings, etc.).

No.	Description	Year(s)
1.	Lecture for PhD students of the Wrocław Medical University: Intellectual property protection.	2012 - 2020
2.	Seminar for PhD students of the Wrocław Medical University: Transfer and commercialization of scientific research results.	2015 - 2020
3.	Lecture for PhD students of the Wrocław University of Science and Technology: Advanced analytical methods with use of mass spectrometry and NMR spectroscopy.	2023

6. List of supervised doctoral students

List of all supervised doctoral students that defended the PhD including: name of the student, dissertation title, year of awarding PhD.

No.	Name, surname	Dissertation title	Year of awarding PhD
1.	Izabela Szczuka	The impact of 3-bromopyruvate on the properties of cathepsin B in relation to the metastatic potential of colorectal cancer cells.	2019 (co-supervisor)
2.			
3.			



7. Prizes and awards

The most important national and international prizes and awards related to research, development and teaching activities.

No.	Description	Year
1.		
2.		
3.		

8. Other significant achievements

Information on other significant achievements related to research, development and teaching activities.