

Prospective supervisor's form

Name of the supervisor:

Academic title:

Orcid ID number: <https://orcid.org/0000-0002-1758-3893>

Gdańsk University of Technology Faculty of

Department of

Phone: +48

E-mail:

Personal web page: https://pg.edu.pl/0498b76a32_andrzej.wasik/

Discipline:

Optional

Key words (obligatory four key words describing research interests / expertise):

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Bibliometric indicators

1. Number of journal publications in WoS/ Scopus

2. Citations excluding self-citations WoS Scopus

3. Hirsch index WoS Scopus

1. The number of PhD students who have graduated under your supervision:

2. The number of PhD students currently supervised:

a. within the current doctoral school

b. within doctoral studies (previous system)

3. Are you currently accepting new PhD students:

a. Polish Yes/No

b. Foreign Yes/No

Prospective supervisor's form

Research interests or topics offered for PhD research (no more than 2000 characters)ⁱⁱ

The list below is just a general collection of my scientific interests. It can be expanded at any time. My research is focused around the development of new analytical methods based on modern analytical techniques, with particular emphasis on coupled techniques, among them chromatography (liquid phase in particular) hyphenated with mass spectrometry, tandem mass spectrometry and ion mobility mass spectrometry.

Candidates are welcome to propose their own subjects.

My scientific interests are focused on the development of new analytical methodologies for use in:

1. environmental analytics
2. food analysis
3. pharmaceutical analytics
4. solving industrial problems associated with the analytical chemistry.

Funding or special equipment needed to carry out a PhD project ⁱⁱⁱ:

1. Is funding available for experimental work: *Yes/No/not needed*

2. Is the equipment needed to complete a PhD project available in your lab/department: *Yes/No/not needed*

Most important publications – no more than 5 published after 1.01.2018

No	Authors/title/journal	Number of points according to the current list of the Ministry of Science and Higher Education	Publication year
1.	Tomasz Majchrzak, Wojciech Wojnowski, Małgorzata Rutkowska, Andrzej Wasik, Real-Time Volatilomics: A Novel Approach for Analyzing Biological Samples, Trends in Plant Science	200	2020
2.	Katarzyna Nalazek-Rudnicka, Ilona Kłosowska-Chomiczewska, Andrzej Wasik, Adam Macierzanka, MRM–MS of marker peptides and their abundance as a tool for authentication of meat species and meat cuts in single-cut meat products, Food Chemistry	200	2019

Prospective supervisor's form

3.	Katarzyna Owczarek, Paweł Kubica, Błażej Kudlak, Aleksandra Rutkowska, Aleksandra Konieczna, Dominik Rachoń, Jacek Namieśnik, Andrzej Wasik, Determination of trace levels of eleven bisphenol A analogues in human blood serum by high performance liquid chromatography–tandem mass spectrometry, Science of the	200	2018
4.	Justyna Aszyk, Paweł Kubica, Jacek Namieśnik, Agata Kot-Wasik, Andrzej Wasik, New approach for e-cigarette aerosol collection by an original automatic aerosol generator utilizing melt-blown non-woven fabric, Analytica Chimica Acta	100	2018
5.	Justyna Aszyk, Paweł Kubica, Agata Kot-Wasik, Jacek Namieśnik, Andrzej Wasik, Comprehensive determination of flavouring additives and nicotine in e-cigarette refill solutions. Part I: Liquid chromatography-tandem mass spectrometry analysis, Journal of Chromatography A	100	2018

Most recent externally funded projects you were involved in – no more than 3

No	Project title, the name of the Principal Investigator (PI) and the institution the project was carried out	Years	Role in the project ^{iv}
1.	Grant KBN "Słodziki o wysokiej mocy w żywności dostępnej na polskim rynku. Opracowanie metodyki oznaczania techniką LC-MS oraz badania przesiewowe rynku", Politechnika Gdańska	2008-2011	PI
2.	Projekt badawczy UE "Food Integrity", dr hab. inż. Adam Macierzanka, prof. uczelni, Projekt europejski/Politechnika Gdańska	2014-2018	R
3.	Projekt badawczy KBN "Związki endokrynne (EDC's) z grupy hormonów płciowych w próbkach środowiskowych - opracowanie i walidacja optymalnej metodyki ich oznaczania oraz ocena ryzyka narażenia", dr inż. Katarzyna Kozłowska-Tylingo, Politechnika Gdańska	2010-2012	R

Prospective supervisor's form

Additional relevant information – (no more than 1600 characters)^v



ⁱ You may select up to two disciplines out of 12 disciplines represented in the Doctoral School

ⁱⁱ Observe the limit of not more than 2000 characters

ⁱⁱⁱ Leave only one answer

^{iv} Select the role in the project: PI stands for principal investigator (refers to the holder of an independent grant and the lead researcher for the grant project), Co-I for co-investigator (Co-I assists the principal investigator in the management and leadership of the research project), R for researcher

^v Add any other relevant information e.g. awards for PhD students whom you supervised (no more than 1600 characters)