



**To the  
Honorary Doctorate Award Committee  
of the  
Babeş-Bolyai University  
Cluj-Napoca  
Romania**

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## Letter of Endorsement for Prof. Dr. Dr. h.c. mult. Boguslaw Buszewski

Respected colleagues,  
highly esteemed members of the Award Committee,

It is a particular pleasure for me to write this letter of endorsement for Prof. Dr. Dr. h.c. mult. Boguslaw Buszewski to be awarded an Honorary Doctorate Degree of the Babeş-Bolyai University Cluj-Napoca. I know Prof. Buszewski now for a couple of years, mainly due to our joint work in the Steering Committee of the *Central European Group of Separation Sciences* (CEGSS) whose President Elect he is and where I have been serving as representative of the Austrian Society for Analytical Chemistry for the past ten years.

Prof. Buszewski has an academic record that clearly supports this recognition. His scholar output is impressive both in terms of numbers, as well as in terms of actual impact, and he is one of the most prolific scientists in the field of Analytical Chemistry not only in Poland, but also worldwide. According to Google Scholar statistics, his more than 980 publications that appeared in peer-review journals have received more than 26,200 citations, leading to an *h*-index of 71 and an *i10*-index of 480. Among the research topics that are most strongly associated with his name are the development and characterisation of novel stationary phases for HPLC and SFC and method development for diagnostic breath gas analysis.

I have had the pleasure to know and to collaborate with Prof. Buszewski mainly through our common engagement with the Central European Group of Separation Sciences. As the president of this society, Prof. Buszewski has spent never-ceasing efforts to promote separation sciences in the Central and East European countries by organising annual conferences which were always well attended and a platform for the scientific exchange between scientists of these countries. Participation of early stage researchers always very welcome and strongly supported at these meetings and often had great impact on their further scientific careers.

Prof. Buszewski graduated as a Master of Science in Chemistry from the Marie Skłodowska-Curie University in Lublin in 1982 and received his PhD from the Slovak technical University in Bratislava in 1986 with Prof. Dušan Barek; DSc. and Dr. Ján Garaj, DSc. as his thesis supervisors. He continued his academic activities as a post doc at the university of Tübingen

with Prof. Klaus Albert where he spent three years (1989-1992) as an Alexander-von-Humboldt-Fellow. In 1992, he also submitted his habilitation and became 'Doctor of Science (DSc.)'. Further career moves were the appointment as 'Professor of Chemistry' at the Nicolaus Copernicus University Toruń in 1994, followed by the appointment as 'Full Professor' in 1999.

In the course of his academic career, Prof. Buszewski has performed a great number of scientific stays and visits that have connected him to many of the leading scientists in chromatography and separation sciences, including – to name but some of the long list – Prof. Ernst Bayer (University of Tübingen), Prof. Pat Sandra (University of Ghent) and Prof. Carel Cramers (Technical University Eindhoven), Prof. Nabuko Tanaka (Kyoto Institute of Technology), Prof. Ryszard Lobinski (University of Pau), Prof. Francesco Dondi (University of Ferrara), Prof. Tadeusz Gorecki (University of Waterloo), Prof. Phillip Marriott (Austrian Centre for Research on Separation Science). Many of these visits have led to fruitful collaborations and corresponding joint publications.

As mentioned before, Prof. Buszewski is a highly prolific scientist who through his research has importantly contributed and significantly advanced the following fields of research:

1. Analytical chemistry and physical chemistry, notably by the development, improvement and application of separation techniques and hyphenated techniques.
2. Sample preparation for analytes in different environmental and biological matrices, utilizing solvent-based and solvent-free extraction methods, often in on line- and automated formats.
3. Control and monitoring of environment by determination of inorganic and organic pollutants in biological samples-omics (metabolomics, proteomics)-
4. Valorization and decontamination of industrial, agricultural and communal wastes by biotechnological processes.
5. Application of computer simulation methods in studies on contamination and protection of the environment.

Equally important to mention is that Prof. Buszewski is an outstanding academic teacher who was leading his students and collaborators to greatest success: Over the years, he has supervised about 150 Master students, about 50 PhD students (including those currently working with him) and he has also mentored 24 Scientific Doctorates (habilitations). Five of his students have become full professors.

In recognition of Prof. Buszewski's manifold activities, he has been awarded many national and international prizes, including the Gold Cross of Merit, Knight's Cross and Officer's Cross of the Order of *Polonia Restituta*, Medal of the National Education Commission, the Gold Medal of the Slovak Chemical Society and the Moldavian Academy of Sciences, the Silver Medal of the Italian Chemical Societies, the Heisenberg Medal (Alexander von Humboldt-Foundation) EuCheMS Award, and the M. Skłodowska-Curie Award of the Polish Academy of Sciences. Prof. Buszewski has obtained an honorary professorship of the University of Life Sciences in Wrocław and honorary doctorates from five universities in Poland and abroad.

Finally, I would like to mention that Prof. Buszewski was always available to serve the scientific community in many official functions and as member of various boards and Learned Societies. He was the president of *Societas Humboldtiana Polonorum*, president of the Polish Chemical Society and president of the European Society for Separation Science (two terms each). He was a member of the Central Commission for Degrees and Titles (two terms). Currently, he is vice-chairman of the Polish Scientific Excellence Council (by election) and chairman of the Analytical Chemistry Committee of the Polish Academy of Sciences and chairman of the Central European Group for Separation Sciences. He is the chair of the jury of the European

Tswiett-Nernst Award. He is also a full member of the Polish Academy of Sciences and the European Academy of Sciences and Art.

In summary, I could hardly recommend a more suitable person to be awarded with an Honorary Doctorate of the Babeş-Bolyai University than Prof. Buszewski on the basis of both his scientific merits, as well as for his continuous engagement for international collaboration and his tireless efforts to serve the scientific community.

I hope to have been useful with my statement in allowing you forming your opinion on Prof. Buszewski. In case you would require further clarification or more information, please do not hesitate to let me know.



Dr. Erwin Rosenberg  
*Professor of Analytical Chemistry*  
*Head of the Organic Trace Analysis Laboratory*