

CV of KRZYSZTOF KOWALCZYK



Current Position: Prof. dr hab. Krzysztof Kowalczyk
Institute of Genetics, Plant Breeding and Biotechnology
University of Life Sciences in Lublin

Office Address: Akademicka 15, 20-950 Lublin, Poland

Place and date of birth: Professor Krzysztof Kowalczyk was born in 1963 in Lublin.

LANGUAGES: English (fluent), Polish (fluent)

EDUCATION: In the years 1970-1978, he

attended the Primary School in Motycz. In the years 1978-1982, he attended Secondary School No 7 named after Maria Konopnicka in Lublin. In 1982, he started studies in the field of agriculture at the Faculty of Agriculture of the Academy of Agriculture in Lublin, which he graduated from in 1987. After graduation, he started working at the Institute of Genetics and Plant Breeding. In 1996, he obtained the doctoral degree in agricultural sciences and in 2002 the postdoctoral degree (PhD with habilitation). In 2009 he obtained the title of professor of agricultural sciences. He completed the Annual Beckman Summer School on Molecular Biology. He participated in numerous courses and trainings concerning e.g. in situ hybridization, molecular cloning, proteins overexpression and immunodetection and bioinformatics. In 1997, he completed a six-month research internship at the University of Munich and several six-week internships in 1999-2004.

PROFESSIONAL APPOINTMENTS

He participated in three research grants and was the manager of six projects financed by the State Committee for Scientific

Research (KBN), Ministry of Science and Higher Education (MNiSW), the National Centre for Research and Development (NCBiR), the National Science Centre (NCN) and Ministry of Agriculture and Rural Development (MRiRW). The total amount of the abovementioned funding reached over 3 million PLN. Currently, he is the manager of a research project which was granted funding of over 1 million PLN. He also participated in the international projects within "Ecoclimatic adaptability of dwarfing genes in wheat in Europe" and "International Triticeae

Mapping Initiative". He collaborates with foreign research centers, including John Innes Center in

Norwich, England, Technical University of Munich and Leibniz Institute in Gatersleben, Germany, Institute of Cytology and Genetics in Novosibirsk, Russia.

In his research, he focuses on the resistance of wheat and oat to powdery mildew and rust, the identification and use of molecular markers in cereals research, the gene expression analysis of the crop and model plants subjected to biotic and abiotic stresses, as well as the development of DNA markers useful in crops selection. He cooperates with numerous institutions from the agriculture and food industry as well as plant breeding companies. He is a member of the European Wheat Aneuploid Cooperative, the Polish Genetic Society and the Lublin Scientific Society. He was the supervisor of 7 doctoral dissertations and the reviewer of 12 doctoral dissertations. He prepared the reviews of 2 habilitation theses as well as the assessment of scientific achievements of 9 postdoctoral degree candidates within the habilitation procedure. He also prepared 2 evaluations of scientific achievements within the procedure for the conferment of the professorship. Moreover, professor Kowalczyk was the promoter of two honorary doctors in the proceedings of granting the degree of doctor honoris causa. In addition to reviewing dozens of research project applications, he also reviewed many scientific publications for various scientific journals, including those from the JCR list. The scientific output of professor Krzysztof Kowalczyk consists of 333 achievements. He was the author or co-author of 132 original research papers, of which 25 are from JCR list. The remaining publications include 99 of conference reports or other scientific papers, 2 student course

books ("Guide to genetic engineering course" and "Guide to forest biotechnology course"), 1

academic textbook ("Agrobiotechnology") and 3 scientific monographs (including 1 written in

English). Moreover, he is a co-author of 3 patents (two of which have been implemented), 17 utility models and 76 application products obtained as a result of his research work. The total Impact Factor of the published papers is 48.013, the Hirsh Index is 6, and the number of citations according to the Web of Science database is 104. Professor Kowalczyk presented the results of his research at many international and national conferences. He created study programs for bioengineering and agroforestry as well as programs for postgraduate studies of molecular diagnostics and innovative bioeconomy. He was the supervisor of 34 engineer's and 42 master's theses.

Professor Krzysztof Kowalczyk is the director of the Institute of Plant Genetics, Breeding and Biotechnology. He was a member of the Committee of Physiology, Genetics and Plant Breeding of the Polish Academy of Sciences and a member of the Scientific Council of the Institute of Plant Genetics of the Polish Academy of Sciences (IGR PAN) in Poznań. He is a member of the Scientific Council of the Plant Breeding and Acclimatization Institute - National Research Institute (IHAR-PIB) in Radzików. He is the chairman of the Agriculture and Veterinary Committee of the Lublin Branch of the Polish Academy of Sciences. In the years 2006-2012 he was the vice-dean and in the years 2012-2020 the dean of the Faculty of Agrobioengineering. Since 2020, he has been the Rector of the University of Life Sciences in Lublin. He was awarded the Bronze Cross of Merit, The Gold Medal for Merit to Polish Science "Sapientia et Veritas", the Medal of the Union of Lublin, the Gold Cross of the Union of Polish Army Soldiers, Medal of the 25th Anniversary of Poland in NATO and other medals. In 2023 he received the title of doctor honoris causa from the Georgian University of Technology in Tbilisi and the Medal of the Union of Lublin.

SCIENTIFIC PUBLICATIONS

Publications list includes more than 300 scientific publications (edited books, books and chapters, peer-reviewed journal articles etc.).

ORCID - <https://orcid.org/0000-0002-9334-099X>

SCOPUS - <https://www.scopus.com/authid/detail.uri?authorId=7004359094>