**Józef Dulak** is a professor of molecular biology and biotechnology, the head of the Department of Medical Biotechnology at the Faculty of Biochemistry, Biophysics and Biotechnology at the Jagiellonian University in Kraków, Poland, and currently the vice-president of the Committee of Biotechnology of the Polish Academy of Sciences. He is the *doctor honoris causa* of the Orleans University in France and is an elected corresponding member of the Polish Academy of Arts and Sciences.

His research interests concern medical biotechnology, and particularly stem cell biology, vascular biology and medicine, gene and cell therapy. He and his team were instrumental in elucidating the crucial role of Nrf2-HO-1- microRNAs pathways in regulation of numerous reparative and regenerative processes, associated also with the pathologies being at the background of the major non-communicable acquired (cardiovascular disease and cancer) and inherited diseases (Duchenne muscular dystrophy). His research led to discovery of new mechanisms of tissue responses to injury, activation and differentiation of stem cells, formation of blood vessels and regeneration or disturbed repair of such organs as heart, muscles and skin.

Prof. Dulak is the co-author of more than 270 papers, cited more than 9300 times (without auto citation) and his *h*-index is 55. He is among the top 2% of cited researcher in the world ( [elsevier.digitalcommonsdata.com](https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/3)). He is also the co-inventor of one patent (awarded in UE and USA) on new modes of mobilization of hematopoietic stem cells. Prof. Dulak obtained numerous grants (more than 13 million Euro in the last 10 years). Among them he was awarded twice the most prestigious Polish grant Maestro from the National Science Centre, and he has been and is involved in the European projects. He has been the head of the organizing committees and scientific committees of several international meetings, he has been invited more than 100 times to give talks at the international conferences and foreign universities. Among others, he was in 2010 the visiting professor of the Japanese Society for the Promotion of Science and the visiting professor at University of Orleans in France in 2008/2009 and in 2013.

He is the Fellow (elected) of the European Society of Cardiology (FESC), professional member of American Heart Association, International Society for Stem Cell Research, European Society for Gene and Cell Therapy. He is in the editorial board of *Arteriosclerosis, Thrombosis and Vascular Biology*, *Scientific Reports*, *Vascular Pharmacology* and *IUBMB Life.* He is and has been invited as the member of the panels and the reviewer for the ERC, EU Framework Programs, including Horizon 2020 and Horizon Europe, European Science Foundation, the Wellcome Trust, Swiss National Science Foundation, The Italian Ministry of University and Research, Science Foundation Ireland, Spanish Fundacion Caixa, Research Council of Lithuania, Slovenian Research Foundation, and Polish National Science Centre, Foundation for Polish Science among others.

He was the president of the European Vascular Biology Organisation (EVBO) in the period 2013–2017 (two terms). He has been the coordinator of the International Associated Laboratory (LIA – Laboratoire International Associe), supported by CNRS (France) and the Jagiellonian University (2013–2016; 2017–2020). He was the member of the scientific committee of the Innovative Medicines Initiative in Brussels (2009-2013). He received numerous awards for scientific achievements, including Luis Federico Leloir Award – Argentinian Ministry of Science and Technological Innovation in 2014.

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