

Personal information



Name: Ján Tkáč
Nationality: Slovak
Date of birth: 10th of May, 1972
Birth place: Poprad
Status: Married, 2 children
Address: J. Poničana 7, 841 08 Bratislava, Slovakia

Education

1990 - 1995 University study: Dept. Biotechnol., Slovak University of Technology, Bratislava, Slovakia
1995 Diploma thesis: Biodegradation and assimilation of esters by yeasts
1995 - 1997 Scientific fellowship: Dept. Biotechnol., Slovak University of Technology, Bratislava, Slovakia
1997 - 2000 PhD. study: Dept. Biotechnol., Slovak University of Technology, Slovakia
2000 PhD. thesis: Biosensors based on galactose oxidase and cells of *Gluconobacter oxydans*
2009 Scientific degree IIa, mirroring degree Associate Professor
2011 Scientific degree DSc., mirroring degree Full Professor

Professional employment

2000 - 2001 Postdoc at Dept. Glycobiotechnol., Inst. Chem. Slovak Acad. Sci. (IC SAS), Bratislava, Slovakia
2001 - 2003 Postdoc at Div. Biotechnol., IFM, Linkopings Universitet, Linkoping, Sweden
2003 - 2006 Postdoc at Dept. Anal. Chem., Lunds Universitet, Lund, Sweden
Holder of prestigious Individual Marie Curie Fellowship (5th Framework program)
2006 - 2008 Postdoc at Ctrl. Res. Lab, **Oxford University**, Oxford, United Kingdom
2009 - 2013 Senior Researcher: Dept. Glycobiotechnol., IC SAS, Bratislava, Slovakia
2010 - 2018 Chair of scientific council at IC SAS, Bratislava, Slovakia
2012 - 2016 A member of a Slovak grant agency (VEGA)
2013 - 2017 **Holder of prestigious ERC Starting grant (7th Framework program)**
2014 - Head of the Department of Glycobiotechnology at IC SAS
2014 - A member of an Accreditation commission
2014 Tutor in Biotechnology
2014 Tutor in Biochemistry
2015 - 2018 A member of the Scientific council at *alma mater* Slovak University of Technology, Bratislava
2017 Foundation of a start-up company Glycanostics
2018 - A member of the Learning society, one of the youngest member of the society
2018 - A member of the scientific commission awarding DSc. title in the field Analytical chemistry
2018 - A member of the scientific commission awarding DSc. title in the field Biotechnology
2018 - A member of the scientific commission awarding DSc. title in the field Biochemistry
2018 - 2020 **Holder of prestigious ERC Proof of Concept grant (H2020)**
2019 **Holder of prestigious SME Instrument 1 grant (H2020)**

Prizes

2003 - 2006 Holder of prestigious Individual Marie Curie Fellowship (5th Framework program)
2006 A member of a winning team – business plan competition Nanochallenge 2006
2011 A scientific degree of DSc. (mirroring a pedagogic degree of full Professor) awarded
2011 A member of a team awarded The price of SAS for the scientific team of the year
2013 - 2017 Holder of prestigious ERC Starting grant (7th Framework program)
2014 A prize of Minister for Education “Malá medaila Samuela Mikovíniho” for international scientific achievements
2014 A member of the Top scientific team at SAS awarded by the independent evaluation by ARRA
2016 The Scientist of the year 2015 in Slovakia, the prize given by the Minister for Education
2016 The most valuable research output in life sciences at SAS (international projects)
2016 The Slovak Research and Development Agency (APVV) project with the excellent research output
2017 The most valuable research output in life sciences at SAS (international projects)
2017 - Special reviewer for *Microchimica Acta* (IF=5.705)
2018 A prize of Minister for Education for scientific team of the year as a team leader
2018 The most valuable research output in life sciences at SAS (international projects)
2018 The prize for the paper with the highest IF recognized by cooperation of SAS and Czech Academy of Sciences on the occasion of 100 anniversary of Czechoslovakia
2018 - 2020 Holder of prestigious ERC Proof of Concept grant (H2020)
2018 3rd place in the International business plan competition Vodafone idea of the year with the start-up Glycanostics
2018 TOP 6 in the International business plan competition Future Now with the start-up Glycanostics

2019 Voted the best presentation during Central European Bioventure conference with the start-up Glycanostics

2019 Holder of prestigious SME Instrument 1 grant (H2020) with the start-up Glycanostics

Basic research (ERC Starting grant, 2x ITN project, Qatar project, 2x APVV project, Ministry of Health of SR):

110+ documents, 3100 citations (Scopus), 9 book chapters, 2 books, h=32.

Focus on development of novel nanobiosensor devices applicable in glycomics and diagnostics.

Applied research (ERC Proof of Concept grant, SME Instrument 1 grant) – together with start-up Glycanostics

Focus on development of clinical tests for prostate and breast cancer diagnostics, commercialisation strategy. 1 filed PCT patent application.

Supervising activities: 8 PhD. students, several MSc students with distinctions

- Numerous domestic (Dean's, Rector's, President of Slovakia, Forbes Slovakia under 30, Scientist of the year under 35, Top student personality of Slovakia) and international (Czech Republic and Austria) awards.

Media appearances

- Numerous appearances on TV, radio, in newspapers and magazines (including Forbes Slovakia)

Invitations

- Review articles: 19 (10 invitations in last year with 6 accepted)
- Conference/institution presentations: 22 in last 5 years including American Chemical Society Meeting
- Book chapters: 9 book chapters and 2 books

Cover images in prestigious journals

- Chemical Reviews, Analytical Methods, Analyst, Proteomics, ChemElectroChem, Medicinal Research Reviews

