

Jan TRKA, M.D., Ph.D., Professor of Medical Genetics

<i>Medical training:</i>	Second Faculty of Medicine Charles University Prague, Czech Republic (1990)
<i>Ph.D.:</i>	Postgraduate Study in Biomedicine (Molecular Biology, Genetics and Virology), Charles University, Prague, Czech Republic (1997)
<i>Assoc. Professor:</i>	Medical Genetics, Second Faculty of Medicine, Charles University Prague (2002)
<i>Professor:</i>	Medical Genetics, Second Faculty of Medicine, Charles University Prague (2007)
<i>International experience:</i>	Children's Cancer Research Institute, Vienna, Austria (1994) Department of Pathology and Microbiology, University of Bristol, Bristol, UK (1997-1998)
<i>Current position:</i>	Head – Laboratory Centre, Department of Paediatric Haematology and Oncology, Second Faculty of Medicine, Charles University (since 2004)

Research interests:

Paediatric haematologist, since the 1990s involved in genetic and genomic diagnosis of childhood leukaemias and research on the origin and development of leukaemic clone, new prognostic markers and therapeutic targets in childhood leukaemias, genomic landscape of childhood acute leukaemias and minimal residual disease (including monitoring, new targets, new technologies, clinical studies).

Active membership in the international professional associations (past or present):

International-BFM-Group (leading global childhood leukaemia treatment and research working group: Chair of the Biology and Diagnosis Committee, two terms)

EuroMRD (consortium of 60 laboratories involved in minimal residual disease studies: founding member and Co-chair)

European Hematology Association (Advisory Board member, Programme Committee member)

American Society of Hematology (member of the International Members Committee; member of the Committee on Communications; member of ASH Global Research Award Committee)

Active participation in faculty management

Vice-Dean for Science and Research (Second Faculty of Medicine, Charles University Prague; four terms)

Evaluation of scientific projects and review procedures for scientific journals

Domestic (GAČR, AZV MZ), European (EC Horizon) and international grant agencies (The Netherlands, Germany, Italy, USA, Hong Kong, Oman, Latvia); Editorial Board member of HemaSphere (the official journal of the European Hematology Association), reviewer for the leading journals in the field (Blood, Leukemia, Haematologica)

Most significant achievement:

Co-founded the highly successful scientific group CLIP (Childhood Leukaemia Investigation Prague) in 1999 and since then led many fruitful research projects and trained several top scientists.

Major awards:

Prize for Outstanding Results in Research and Science by the Ministry of Education (2018)

Donatio research support for the top researchers at Charles University (2022)

Scientometric data:

170 research publications (NCBI/PubMed)

h-index 48 (WoS)

more than 7,500 citations without self-citations (WoS)