

Personal info:

Date of birth: 5.3.1983; Place of birth: Bratislava, Slovak republic; Nationality: Slovak;
Foreign languages: English

Contact info:

Institute of Molecular Biomedicine, Comenius University
Sasinkova 4, 811 08 Bratislava, Slovak republic
Tel: +421 2 90119 296; Fax: +421 2 90119 631; E-mail: romangardlik@gmail.com

Professional curriculum vitae

Education

2001-2006 MSc, molecular biology, Faculty of Natural Sciences, Comenius University, Bratislava, Slovakia
2005-2012 MD, general medicine, Faculty of Medicine, Comenius University, Bratislava, Slovakia
2006-2010 PhD, normal and pathological physiology, Institute of Pathological Physiology, Faculty of Medicine, Comenius University, Bratislava, Slovakia
2020 Assoc. Prof., normal and pathological physiology, Institute of Pathological Physiology, Faculty of Medicine, Comenius University, Bratislava, Slovakia

Employment

2009-2010 Research scholar at Division of Gastroenterology, Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, Massachusetts, USA
2010- Scientist of the Institute of Molecular Biomedicine, Medical faculty, Comenius University in Bratislava, Bratislava, Slovakia
2013-2016 Scientist of the Center of Molecular Medicine, Slovak Academy of Sciences, Bratislava, Slovakia

Teaching

Faculty of Medicine – Pathophysiology; Faculty of Natural Sciences –Advanced methods in molecular biology, Progress in molecular biology; Faculty of Mathematics, Physics and Informatics – Laboratory methods in biomedicine; currently tutoring 2 PhD students and 2 undergraduate students

Other activities

Project evaluator for the Horizon 2020, National Science Centre Poland, Academy of Sciences Czech Republic, Research Grants Council Hong Kong; reviewer in biomedical journals.

Grants as principal investigator:

Grants of the Ministry of Education of the Slovak Republic

VEGA 1/0206/12

Title: The use of bacterial gene therapy for influencing the dedifferentiation pathways in a model of experimental colitis

VEGA 1/0204/17

Title: The role of extracellular DNA in pathogenesis and therapy of inflammatory bowel disease

VEGA 1/0649/21

Title: Elucidation of the pathogenesis of chronic liver diseases using the study of neutrophil extracellular traps and circulating DNA

Grants of the Slovak Research and Development Agency

APVV-17-0505

Title: Biological aspects of extracellular nucleic acids in colonic inflammation

APVV-21-0370

Title: The role of extracellular DNA and neutrophil extracellular traps in the pathogenesis of chronic liver disease

Grants of the Ministry of Health of the Slovak Republic
2018/33-LFUK-7

The role of extracellular DNA in the pathogenesis of metabolic complications of obesity

Publications

Summary to 10th November 2023

WoS records: 85

SCI citations: 1066

Hirsch index: 18

5 most important publications

Maronek M, Gromova B, Liptak R, Konecna B, Pastorek M, Cechova B, Harsanyova M, Budis J, Smolak D, Radvanszky J, Szemes T, Harsanyiova J, Kralova Trancikova A, **Gardlik R**. Extracellular DNA Correlates with Intestinal Inflammation in Chemically Induced Colitis in Mice. *Cells* 2021; 10(1):81.

Babickova J, **Gardlik R**: Pathological and therapeutic interactions between bacteriophages, microbes and the host in inflammatory bowel disease. *World Journal of Gastroenterology* 2015; 21(40):11321-30.

Wagnerova A, **Gardlik R**: In vivo reprogramming in inflammatory bowel disease. *Gene Therapy* 2013; 20(12):1111-1118.

Gardlik R, Behuliak M, Palffy R, Celec P, Li CJ. Gene therapy for cancer: bacteria-mediated anti-angiogenesis therapy. *Gene Therapy* 2011; 18(5):425-431.

Gardlik R, Palffy R, Hodosy J, Lukacs J, Turna J, Celec P. Vectors and delivery systems in gene therapy. *Medical Science Monitor* 2005; 11(4):RA110-12.