Dezső Péter Virok

Date of birth: 25/05/1972

Nationality: Hungarian

CONTACT

Dóm square, 10
6720 Szeged, Hungary
(Work)

virok.dezso.peter@med.u-szeged.hu

(+36) 62545541

http://web.med.u-szeged.hu/medmicro/

europass

WORK EXPERIENCE

2018 – CURRENT

Associate Professor

High throughput genome, transcriptome, proteome and interactome studies in infectious diseases - particularly *Chlamydia trachomatis* related infections
Antimicrobial immunity, host-pathogen interaction studies using OMICS techniques
Antimicrobial drug research

2013 – 2018 Szeged, Hungary

Senior Research fellow Department of Medical Microbiology

High throughput genome, transcriptome, proteome and interactome studies in infectious diseases - particularly *Chlamydia trachomatis* related infections
Antimicrobial immunity, host-pathogen interaction studies using OMICS techniques
Antimicrobial drug research

2011 – 2013

Senior Research Fellow Institute of Clinical Microbiology, University of Szeged

OMICS analysis of *Chlamydia*-related diseases
Clinical microbiology resident from 2012

Address Szeged

2007 – 2011

Researcher BAY-GEN Institute for Plant Genomics and Human Biotechnology

Transcriptome and proteome analysis of chronic neurodegenerative and infectious diseases

Address Szeged

2005 – 2007

Key Account Manager Sigma-Aldrich Kft

Introduction of “state of the art” omics methods to the Hungarian market

Address Budapest

2002 – 2005

Researcher National Institute of Health, Rocky Mountain Laboratory, Laboratory of Intracellular Parasites

Epithel – chlamydia host interaction screen by DNA chip technology
Transcriptom analysis of interferon-gamma treated human and mouse epithelial cells
Phosphoproteomic analysis of *Chlamydia* infected epithelial cells

Address Hamilton, MT, United States

2000 – 2002

Researcher The Wistar Institute

Transcriptome screen of *Chlamydia pneumoniae* infected human monocytes

Address Philadelphia, United States

EDUCATION AND TRAINING

1997 – 2000 Szeged, Hungary

PhD training Szent-Györgyi Albert Medical University, Institute of Medical Microbiology and Immunology

PhD degree in 2008, *summa cum laude*

Address Szeged, Hungary

1991 – 1997 Szeged, Hungary

Medical Doctor Szent-Györgyi Albert Medical University

MD degree in 1997, *summa cum laude*

Address Szeged, Hungary

LANGUAGE SKILLS

MOTHER TONGUE(S): Hungarian

Other language(s):

English

Listening	Reading	Spoken production	Spoken interaction	Writing
C1	C1	C1	C1	C1

ADDITIONAL INFORMATION

Scientometric Data

Publications

46 articles, 41 in international journals.
Cumulative impact factor: 142.9
Independent citations: 1052
Hirsch index: 16

Additional information

Courses

University of Szeged, Faculty of Medicine, tropical medicine lecture in English: 2011-
Ecole Supérieure de Biotechologie Strasbourg - University of Basel, molecular biology practice to biotechnology students: 2012-
University of Szeged, Faculty of Medicine, medical microbiology and immunology practice for Hungarian students:1997-2000
University of Szeged, Faculty of Medicine, medical microbiology and immunology practice in English for foreign students: 2011-
University of Szeged, Faculty of Medicine, clinical microbiology practice for Hungarian and foreign students: 2011-
University of Szeged, Faculty of Medicine, infectology practice for Hungarian and foreign students: 2011-
Society membership: Hungarian Society for Microbiology, Hungarian STI Society

PhD training (graduated PhD students):
Dr. Anita Bogdanov - graduated in 2018
Dr. László Párducz - graduated in 2017
Tímea Raffai - graduated in 2020
Andrea Szöllőssi - graduated in 2020
Society membership:
Hungarian Society of Microbiology
Hungarian STI Society
Hungarian Family and Women's Protection Scientific Society
Hungarian Society of Gynecologists
MTA SZAB Reproductive Health Protection Working Committee
Hungarian-Serbian Gynecological Friendly Society

Grants:
2019-2021 Szent-Györgyi Albert SZTE, ÁOK application "Cellular level analysis of indoleamine 2-3 dioxygenase activity in

Head of the "Chlamydia trachomatis infected mouse lung tissues" project
ERA-NET Pathogenomics "ChlamyTrans" European cooperation project manager in Hungary 2009-2011.
EFOP-3.6.1-16-2016-00008 "Proteomic and metabolomic analysis and molecules that can be used in the prevention of genital infections identification"

Scientific interest and professional goals:

High-throughput genome, transcriptome, proteome and interactome studies are infectious in diseases.
Investigation of antimicrobial immunity, host cell-pathogen interaction using OMICS techniques.
Application of advanced molecular biological technologies in clinical microbiological diagnostics