

CURRICULUM VITAE

Personal

Name: Dr. István Nagy
Workplace: Institute of Biochemistry
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Positions held

2012 - present Head of the Sequencing Platform at BRC
2009 - 2012 founder and head of the NGS Platform at BAYGEN
2008 - 2012 PI of the *Innate immunity* lab at Zoltán Bay Foundation for Applied Research, Institute for Plant Genomics, Human Biotechnology and Bioenergy (BAYGEN)
2005 - 2008 post-doctoral fellow, Institut de Genetique et de Biologie Moleculaire et Cellulaire (IGBMC), Strasbourg founded by individual fellowships of CNRS (Centre National de la Recherche Scientifique, France; 2005-2006)
FRM (Fondation Recherche Medicale, France; 2007)
2004 – 2005 head of the lab: dr. Angela Giangrande
Staff scientist, Department of Dermatology and Allergology, University of Szeged
head of the lab: prof. Lajos Kemény

Education

Master
1994-1999 Faculty of Sciences: Biology, University of Pécs, Hungary
PhD
2004 Obtained the PhD degree in the field of **Clinical Medical Sciences** with a general grading of *summa cum laude*
Faculty of Medicine, Albert Szent-Györgyi Medical and Pharmaceutical Center, Szeged, University of Szeged, Hungary
1999-2003 laboratory of Molecular Immunology and Immunogenetics, Institute of Genetics, BRC HAS, Szeged, Hungary, thesis supervisor dr. István Andó
Research interest Innate immunity of the skin

- *Propionibacterium acnes* induced innate immune response of the skin
- Gene expression profile of keratinocyte and dendritic cells triggered by microorganisms and microbial constituents
- Changes in the cytokine and antimicrobial peptide production of professional and non-professional cells upon microbial induction
- microRNA expression profile in chronic inflammatory skin diseases
- TLR agonist induced chromatin remodelling in the skin
- high throughput sequencing using next generation sequencing