

Curriculum Vitae

Personal details:

Name: Attila Pap

Date of birth: October 1, 1980

Place of Birth: Beregszász/Beregovo, Ukraine

Sex: Male

Marital status: Married, Júlia Judit Buslig, 2008

Children: László Csaba Pap, born: February 19, 2009
Róbert Csongor Pap, born: August 16, 2013

Citizenship: Hungarian

Languages: Hungarian – native
English – State Exam, Intermediate Level (2004)

Professional appointments

Junior research fellow and Laboratory Animal Facility manager (from April 1, 2009)

Department of Biochemistry and Molecular Biology
University of Debrecen, Medical and Health Science Center

Laboratory assistant (2004-2005)

Department of Biochemistry and Molecular Biology
University of Debrecen, Medical and Health Science Center

Education:

Ph.D. student (from October 1, 2005)

Program: Cellular and Molecular Biology
Department of Biochemistry and Molecular Biology
University of Debrecen, Medical and Health Science Center

Advisor: Laszlo Nagy, M.D., Ph.D.

Topic: Studies on nuclear receptors, target genes and regulated pathways in mouse dendritic cell differentiation

M.Sc. in Molecular Biology (2004)

Faculty of Sciences, University of Debrecen, Hungary

Title of thesis: Effects of synthetic and natural retinoids on monocyte-dendritic cell differentiation

Advisors: Istvan Szatmari, M.Sc., Ph.D. and Laszlo Nagy, M.D., Ph.D.

High-school graduation (1999)

Bethlen Gábor Grammar School, Beregszász, Ukraine

Research activity:

Studies on nuclear hormone receptors in human and mouse macrophage and dendritic cell systems

- as undergraduate student (2002-2004)
- as Ph.D. student (2005-)

Nuclear Hormone Receptor Research Laboratory (Leader: Laszlo Nagy, M.D., Ph.D.)
Department of Biochemistry and Molecular Biology
University of Debrecen, Medical and Health Science Center

Awards:

2nd prize in the Biochemistry, Molecular Biology, Immunology Section of the Faculty of Medical Sciences of the National Scientific Student Conference, Szeged, Hungary, 2005

Courses:

GLP (Good Laboratory Practice) Course, 17-25 February 2012

Managing Mouse Colonies: Best Practices, Genetics, Breeding and Welfare,
Wellcome Trust Genome Campus and Conference Centre, Hinxton, UK, 13-16 June 2011

Quality Management Specimen (QMF-Quality Management Framework) Course 2011,
TÜV NORD Hungary (Number of certificate: QMF/TNM/23/2011)

Laboratory animal science and experimental design, C level (Number: 067/2007)

Publications:

Gyöngyösi A, Szatmari I, Pap A, Dezső B, Pos Z, Széles L, Varga T, Nagy L., RDH10, RALDH2, and CRABP2 are required components of PPAR γ -directed ATRA synthesis and signaling in human dendritic cells.

J Lipid Res. 2013 Sep;54(9):2458-74. doi: 10.1194/jlr.M038984. Epub 2013 Jul 6.

Hodrea J, Majai G, Doró Z, Zahuczky G, **Pap A**, Rajnavölgyi É, Fésüs L., The glucocorticoid dexamethasone programs human dendritic cells for enhanced phagocytosis of apoptotic neutrophils and inflammatory response.

J Leukoc Biol. 2012 Jan; 91(1):127-36

Szanto A, Balint BL, Nagy Zs, Barta E, Dezső B, **Pap A**, Szeles L, Poliska S, Oros M, Evans RM, Barak Y, Schwabe J, Nagy L., STAT6 transcription factor is a facilitator of the nuclear receptor PPAR γ -regulated gene expression in macrophages and dendritic cells.

Immunity. 2010 Nov 24; 33(5):699-712.

Széles L, Póliska S, Nagy G, Szatmari I, Szanto A, **Pap A**, Lindstedt M, Santegoets SJ, Rühl R, Dezső B, Nagy L., Research resource: transcriptome profiling of genes regulated by RXR and its permissive and nonpermissive partners in differentiating monocyte-derived dendritic cells.

Mol Endocrinol. 2010 Nov; 24(11):2218-31.

Szatmari I, **Pap A**, Rühl R, Ma JX, Illarionov PA, Besra GS, Rajnavolgyi E, Dezsó B, Nagy L. PPAR γ controls CD1d expression by turning on retinoic acid synthesis in developing human dendritic cells.

J Exp Med. 2006 Oct 2; 203(10):2351-2

Presentations:

Nur77 has a regulatory role in dendritic cell maturation, 6th Molecular Cell and Immune Biology Winter School, Galyatető, Hungary, 2013

PPAR γ null mouse line, new approaches to study the function of this receptor, 5th Molecular Cell and Immune Biology Winter School, Galyatető, Hungary, 2012

Phenotypic characterisation of a full body PPAR γ KO mouse, 4th Molecular Cell and Immune Biology Winter School, Galyatető, Hungary, 2011

Difficulties of determination of Cre/loxP mediated recombination in tissue specific knockout mice, 3rd Molecular Cell and Immune Biology Winter School, Mariazell, Austria, 2010

The expression profile of the nuclear receptor superfamily in dendritic cells and macrophages, 2nd Molecular Cell and Immune Biology Winter School, Krompachy, Slovakia, 2009

Regulated retinoid production by DCs: link to autoimmune diseases, 1st Molecular Cell and Immune Biology Winter School, Krompachy, Slovakia, 2008

Posters:

Pap A., Czimmerer Z., Póliska S., Szatmári I., Széles L., Nagy L.: **Expression profile of nuclear receptor superfamily in dendritic cells**, EMDS Conference, Debrecen, Hungary, 1-3 September, 2012

Pap A., Szanto A., Széles L., Szatmari I., Nagy L.: **The expression profile of the nuclear receptor superfamily in dendritic cells and macrophages**, FELASA/ScandLAS Conference, Helsinki, Finland, 14-17 June, 2010

Pap A., Szanto A., Széles L., Szatmari I., Nagy L.: **The expression profile of the nuclear receptor superfamily in dendritic cells and macrophages**, EMBO conference on Nuclear Receptors, Dubrovnik/Cavtat, Croatia, 25-29 September, 2009

Pap A., Szanto A., Széles L., Szatmari I., Nagy L.: **Identification of genes and gene networks regulated by nuclear receptors in mouse dendritic cells**, Spetses Summer School on Nuclear Receptor Signalling, Island of Spetses, Greece, August 26-31, 2007

Pap A., Szanto A., Széles L., Szatmari I., Nagy L.: **Characterization of nuclear receptors and the effect of their activation in mouse dendritic cells**, 9th International Conference DENDRITIC CELLS, Edinburgh, Scotland, September 16-20, 2006

Pap A., Szatmari I., Szanto A., Nagy L.: **Characterization of nuclear receptors and their effects in mouse dendritic cells**, EUMORPHIA Summer School / EMBO Lecture Course (Mouse Models for Human Disease), Bischoffsheim, France, September 17-23, 2005

Pap A., Szatmari I., Szanto A., Nagy L.: **Characterization of nuclear receptors and their effects in mouse dendritic cells**, FEBS Congress / IUBMB Conference, Budapest, Hungary, July 2-7, 2005

Pap A., Szatmari I., Nagy L.: **Characterization of nuclear receptors in mouse dendritic cells**, VI. Hungarian Genetic Congress and XIII. Conference of Cell- and Developmental Biology, Eger, Hungary, April 10-12, 2005

Szatmári I., Pap A., Gogolák P., Rajnavölgyi É., Nagy L.: **Regulation of CD1d expression with nuclear receptors in human antigen presenting cells**, Meeting of the Hungarian Society of Biochemistry, Sopron, Hungary, May 10-13, 2004

Pap A., Szatmari I., Nagy L.: **Role of retinoids on dendritic cell differentiation**, Annual Meeting of the Hungarian Society of Biochemistry, Sopron, Hungary, May 10-13, 2004

Szatmari I., Pap A., Nagy L.: **Retinoids affect differentiation and function of human monocyte-derived dendritic cells**, Keystone Symposia, Monterey, CA, Feb. 28-Mar. 4, 2004