Curriculum Vitae

László Nagy, M.D., Ph.D.

Personal details:

Office address: Department of Biochemistry and Molecular Biology
Research Center for Molecular Medicine
Medical and Health Science Center
University of Debrecen, Hungary
Life Science Building, Egyetem tér 1.
Debrecen, Hungary H-4010
phone: +36-52-416-432 fax: +36-52-314-989
E-mail: nagyl@med.unideb.hu
Web: http://nlab.med.unideb.hu

Date of Birth: October 11, 1966

Place of Birth: Debrecen, Hungary

Sex: Male

Marital status: Married, Andrea Károly, M.D. 1992

Children: Bence László Nagy, born: October 3rd 1995
Máté Zsombor Nagy, born: August 31 1998

Citizenship: Hungarian

Degrees: **Member of the Hungarian Academy of Sciences** (2007)
Ordinary Member (2013)
Corresponding Member (2007)

Dr. habil. (Habilitation) University of Debrecen,
Basic Medical Sciences [6/2006] (2006)

Doctor of the Hungarian Academy of Sciences (D.Sc.)
(2005)

Doctor of Philosophy (Ph.D.)
(Summa cum laude)
Medical Sciences (Cell and Molecular Biology),
University Medical School of Debrecen, Hungary
[G 44-138/1995] (1995)

Medical Doctor (M.D.)
(Summa cum laude) University Medical School of Debrecen,
Hungary [35-117/91] (1991)

Languages: English (State Exam, Advanced Level A025784 #019455, 2000)
Russian (State Exam, Intermediate Level # A 096533/1987)

Professional Appointments:

Present appointments:

Primary appointments:

Professor of Biochemistry and Molecular Biology,
Department of Biochemistry and Molecular Biology, University of Debrecen, Hungary
(September 1, 2006-)

Head of Center for Clinical Genomics and Personalized Medicine
(July 1, 2000-)

Director of Genomic Control of Metabolism Program
Professor of Diabetes & Obesity Research Center
Sanford Burnham Prebys Medical Discovery Institute at Lake Nona
(2013-)

Past appointments:

Fulbright Scholar
Visiting Scientist, The Salk Institute for Biological Studies (2010-2011)

International Research Scholar of the Howard Hughes Medical Institute
(2001-2011)

Wellcome Trust International Senior Research Fellow (2005-2010)

Adjunct Professor of Pharmacology and Physiology

Department of Integrative Biology Pharmacology and Physiology
University of Texas-Houston, Medical School, Houston Texas, USA
(September 1, 1999- August 31, 2010)

Associate Professor of Biochemistry and Molecular Biology,
Department of Biochemistry and Molecular Biology, University of Debrecen, Hungary
(July 1, 2000- August 31, 2006)

Young Investigator of the European Molecular Biology Organization (EMBO)
(July 1, 2001- June 30, 2004)

*** Assistant Professor of Biochemistry and Molecular Biology**,
Department of Biochemistry and Molecular Biology, University of Debrecen, Hungary
(October 1, 1999- June 30, 2000)

Postdoctoral Associate,
Gene Expression Laboratory, The Salk Institute for Biological Studies, La Jolla, USA
(1996-1999)

Special Fellow of the Leukemia Society of America (1998-1999)
Postdoctoral Fellow of the Howard Hughes Medical Institute (1997-1998)
Advisor: Ronald M. Evans Ph.D.

Instructor in Biochemistry and Molecular Biology,
Department of Biochemistry and Molecular Biology, University medical School of Debrecen, Hungary
(April 1 1995 - September 30 1999)

Postdoctoral Fellow,
Department of Pharmacology, University of Texas, Houston, Medical School, USA,
(1992 - 1995)
Advisor: Peter J.A. Davies M.D., Ph.D.

Research Fellow of the Hungarian Academy of Sciences,
Department of Biochemistry, University Medical School, Debrecen, Hungary.
(1991-1992) Advisor: Laszlo Fesus M.D., Ph.D.
* First independent position

Education (graduate and postgraduate):

Ph.D. Student, in Medical Sciences (cell and molecular biology), University Medical School, Debrecen, Hungary
(1992-1995)
Advisors: Dr Peter J.A. Davies, University of Texas-Houston
and Dr László Fésüs, University Medical School of Debrecen

Medical Student, University Medical School, Debrecen, Hungary
(including one year internship in 1991)
(1985-1991)

High School Student, Tóth Árpád Gimnázium, Debrecen, Hungary
(1981-1985)

Awards and Honors:
Pro Scientia Gold Medal for Outstanding Scientific Achievements presented by the President of the Hungarian Academy of Sciences (1989)
Outstanding Tutor in Biology University Medical School of Debrecen (1989)
Weszprémi-Prize for Outstanding Academic and Scientific Activity presented by the Rector of the University Medical School of Debrecen (1991)
Special Fellow of the **Leukemia Society of America**) (1998-1999)
Cheryl Whitlock/Pathology Prize, Stanford University (1998)
Boehringer Ingelheim Research Award (1999)
Széchenyi Professorship (1999-2002)
Ranked as #5 scientist in 1999 based on the number of highly cited, "Hot papers" published in 1997-1998 (Institute for Scientific Information Hot papers Database)
Howard Hughes Medical Institute International Research Scholar (2000-2010)
EMBO Young Investigator (2000-2004)
Szechenyi Istvan Fellowship (2003-2006)
Wellcome Trust International Senior Research Fellow (2005-2010)
EMBO Member (2007)
ESCI Award for Excellence in Biomedical Investigation (2008)
Fulbright Scholar (2010-2011)
Academia Europaea, Member (2012)
Scientist of the Year 2012 (City of Debrecen, Dehir)
Béla Tankó-prize (2014)

Memberships in professional societies:
Hungarian Biochemical Society, Member since 1989
Society of Pro Scientia Gold Medal Laureates, Member since 1995
Endocrine Society (USA), Active Member since 2002
European Macrophage and Dendritic Cell Society, Member since 2002
American Society of Biochemistry and Molecular Biology, Member since 2003
Hungarian Society for Bioinformatics, Founding member,
executive committee member 2006-2010
American Association of Immunologists, member since 2011
American Physiological Society, member since 2012

Advisory functions:
BioSystems International SAS, Scientific advisor (2004-2006)
Cell therapy Unit, University of Debrecen, Member of the Scientific Advisory Board (2004-2010)
Gerson Lerhman Group Councils, member since 2006
UDGenoMed, Ltd., Chief Scientific Officer (2007-)
Gedeon Richter, Inc., Member of the Scientific Advisory Board (2008-)
Member of the International Advisory Board of the 10th Symposiom on Dendritic cells DC2008 (Kobe, Japan)
International Society of Dendritic Cell and Vaccine Research, Advisory Committee member (2010-)
Institute of Genetics, HAS BRC, Szeged Scientific Advisory Board, member (2010-)

FEBS Advance Course Committee, member since 2012

Graduate students trained (Year of PhD obtained)

Szilvia Benkő (2004)
Attila Szántó (2005)
Bálint L. Bálint (2006)
Lajos Széles (2009)
Dániel Törőcsik (2010)
Szilárd Póliska (2011)
Bertalan Mesko (2012)
Peter Brázda (2014)
Zoltan Simandi (2015)
Bence Daniel (2015)
Melinda Oros (2016)

Adrienn Gyöngyösi (expected 2015)
Zsolt Czimmerer (expected 2015)
Aniko Dozsa (expected 2015)
Ixchelt Cuarata-Monroy (expected 2016)
Attila Pap (expected 2016)
Attila Horvath (expected 2016)
Andreas Patsalos (expected 2016)

Post-doctoral fellow trainees:
István Szatmári (2001-2007)
Ralph Ruehl (2003-2006)
Attila Szántó (2005-2009)
Britt Nakken (2005-2008)
Bálint L. Bálint (2006-2013)
Tamás Rőszer (2005- 2009)
Endre Barta (2009-2014)
Zsuzsanna Nagy (2010-2014)

Tamás Varga (2007-)
Frank Batista (2014-)

Conference and advanced course organization:

World Congress on Basic and Clinical Immunogenomics, Budapest 2004 **(symposium organizer)**
Atherosclerosis and Lipid Peroxidation, Debrecen-Hortobágy, 2005 **(main organizer)**
30th FEBS-IUBMB Congress Budapest, 2005 **(symposium organizer)**
3X EMBO Meeting Series on Nuclear Receptors, (**member of the organizing committee**) (Nice 2003, Lake Garda 2005 and 2007)
10th Symposium on Dendritic cells DC2008, Kobe, Japan 2008, **(member of the International Advisory Board)**
EMBO Meeting Series on Nuclear Receptor, Dubrovnik, Croatia 2009, **(main organizer)**
14th ICI International Congress of Immunology, Kobe, Japan, 2010, **(symposium organizer and session chair)**

HHMI-UD Advanced Course on Modern Methods of Gene Expression Detection and Data

Integration, Debrecen 2006 **(main organizer and course director)**
FEBS-UD Advanced Course on Gene Expression Regulation and Data Integration, Debrecen 2011 **(main organizer and course director)**

Refereeing and editorial functions:

EMBO Reports, Member of the Advisory Editorial Board, 2010-

FEBS Letters, Editor 2005-

FEBS OpenBio, Founding Editor 2011-

European Journal of Clinical Investigation, Member of the Editorial Board, 2009-

Molecular and Cellular Biology, Member of the Editorial Board, 2012-

Clinical and Translational Medicine, Section of Clinical Genomics, Member of the Editorial Board 2012-

PPAR Research, Advisory Editor 2007-

Cell Death and Disease, Member of the Advisory Editorial Board (2010-)

Encyclopedia of Life Sciences, Biochemistry, Advisory Editorial Board Member (2010-2013)

Guest editor assignments:

Molecular Nutrition and Food Research 49(11) 2005 (with Gerhard Spiteller)
FEBS Letters Special Issue on Metabolic Disease 582 (1) 2008 (with Peter Tontonoz)
Immunobiology Special Issue on EMDS 2012 2013 (with Eva Rajnavolgyi)
Seminars in Cell and Developmental Biology Nuclear Receptors in Embryonic Stem Cells (2013)

Ad hoc **reviewer:**

Journals:
Arthritis and Rheumatism, Atherosclerosis, Thrombosis and Vascular Biology, Biochemical Pharmacology, Biophysical Journal, BBA, Biomolecular Concepts, Blood BMC Medical Genomics, BMC Genomics, Cancer Immunology, Immunotherapy Cancer Research, Chemistry and Biology, Circulation, Cell Death and Differentiation Cellular Reprogramming, Clinical Nutrition, Computers in Biology and Medicine, Cytokine, Diabetologia, Drug Discovery Today, EMBO Journal, EMBO Molecular Medicine, EMBO Reports, European Journal of Immunology, Immunity, International Journal of Biochemistry and Molecular Biology, International Journal of Cancer, International Immunology, Journal of Biological Chemistry, Journal of Cell Biology, Journal of Clinical Investigations, Journal of Immunology, Journal of Leukocyte Biology, Leukemia, Molecular Aspects of Medicine, Molecular Carcinogenesis, Molecular and Cellular Biology, Molecular and Cellular Endocrinology, Molecular Endocrinology, Molecular Nutrition and Food Research,

Molecular Pharmacology, Nature, Nature Immunology, Nature Medicine, Physiology, Proceedings of the National Academy of Sciences of the USA, Prostaglandins and Other Lipid Mediators, PLoSONE, Science, Science Signaling, WIREs Systems Biology and Medicine

Research funding organizations:

Boehringer Ingelheim Funds (Germany)
Commission of the European Union (evaluator, reviewer, rapporteaur)
The Wellcome Trust (UK)
FWO Belgium
European Molecular Biology Organization (EMBO)
Netherlands Organization for Scientific Research (NWO) (The Netherlands)
Hungarian Scientific Research Fund (OTKA)
National Science Foundation (USA)
Medical Research Council (UK)
Association for International Cancer Research (UK)
Semmelweis University, Hungary
Spanish Ministry of Health (Spain)
Hungarian Academy of Sciences (Bolyai Fellowship Committee)
Luxembourg National Research Fund (Luxembourg)
Austrian Science Fund (FWF) (Austria)
Swiss Federal Institute of Technology Zurich (ETH) (Switzerland)
Science Foundation of Ireland (Ireland)
National Institutes of Health (intramural research) (USA)
National Scientific Research Council (Romania)

Ongoing research support

NR-NET: Control of metabolic and inflammatory pathways by nuclear receptors
FP7-People-2013-ITN (MULTI-ITN)
Grant Ag. No: 606806 (GA: PITN-GA-2013-6068026)
390,193.76 EUR
(October 1, 2013- September 30, 2017)

Visegrad-Taiwan Collaborative Grant
"Identification of novel biomarkers for the development and progression of atherosclerosis"
21280006
EUR 80,000
(2013-2017)

MTA-DE "Lendület" Immunogenomics Research Group
HUF 216 ,000,000 = EUR 800,000
(2012-2017)

Hungarian Scientific Research Fund (OTKA) (K100196)
A novel mouse model for the study of PPARγ deficiency
HUF 40,000,000 = EUR 150,000 (2012-2016)

Hungarian Scientific Research Fund (OTKA) K111941
The role of macrophage PPARg in muscle regeneration
HUF 33,000,000
(2015-2017)

Hungarian Brain Research Program (NAP) KTIA_13_NAP-A-I/9.
Nemzeti Agykutatási Program - Agykutatási Kiválósági Központok fejlesztése ; Nagy L.-Simándi kutatócsoport: Egy új, neuron specifikus arginin-metiltranszferáz, a PRMT8, molekuláris-, sejt-szintű és in vivo karakterizálása
HUF 20,000,000
(2013-2017)

VKSZ_12-1-2013-0001 (VKSZ K+F)
Biomiszimiláris monoklonális antitestek fejlesztése
HUF 140,000,000
(2014-2017)

Completed:

TAMOP/4.2.2A/11/1/KONV-2012-0023, Hungarian Government
DEFENSE-NET
System level studies on the cellular networks providing immune defense in humans
HUF 848,464,495= EUR 3,000,000
(2012-2014)
Program project involving 15 other research groups

FP7-REGPOT-2008-1/229920
MOLMEDREX Development of the Research Center for Molecular Medicine of the University of Debrecen, Medical and Health Science Center
EUR 970,000 (2009-2012)

Hungarian Scientific Research Fund (OTKA) (NK72730) Decoding nuclear hormone receptor activity using chromatin immunoprecipitation in human primary immune cells
HUF 77,110,000=268,000 EUR (2008-2012)

International Research Scholarship of the **Howard Hughes Medical Institute** (USA)
"PPARγ a lipid activated transcription factor at the crossroad of lipid metabolism and inflammation" # 55005621
(2006-2011) USD 500,000

International Research Scholarship of the **Howard Hughes Medical Institute** (USA)
"Role of a lipid activated transcription factor, PPARgamma in the innate responses of macrophages during pathogen infection" #5500524
(2005-2011) USD 500,000

TAMOP-4.2.2/08/1 IKUT
Stem cell and gene therapy research center at the University of Debrecen, Medical and Health Science Center
660,000,000 HUF= 2,300,000 EUR (2009 – 2011)

Program project involving 10 other research groups

Wellcome Trust International Senior Research Fellowship
"Role of RXR heterodimers in macrophage differentiation and function" #074021
(2005-2010) GBP 450,000

European Union Framework Program 5 "Nutriceptors" Research Training Network No
(2003-2006) EUR 164,000

"Practical Course on Advanced Methods on Gene Expression Analysis" Howard Hughes Medical Institute (USA)
(2005-2006) USD 150,000

International Research Scholarship of the Howard Hughes Medical Institute (USA) #55000326
"Role of PPARγ in normal monocyte-macrophage cell function and in diseases"
(2001-2005) USD 425,000

Biotechnology 2002 (Hungarian Ministry of Education)
"New molecular methods for the detection and monitoring of metabolic diseases: the role of nuclear receptors"
(2002-2005) HUF 40 M (USD 200,000)

Young Investigator Award of The Human Frontier Science Program
"Crosstalk between PPAR and LXR in the control of lipid metabolism" RGY021/2001-M
(2001-2005) USD 275,000

Hungarian Scientific Research Fund (OTKA) T034434
" Role of PPARg:RXR heterodimers in myeloid cell differentiation and function"
(2001-2004) HUF 16,4 M (USD 58,500)

European Union Framework Program 5 "EU-NUC-REC-NET" Research Training Network "European network to study the regulation of key metabolic processes by nuclear receptors" No HPRN-CT-2000-00088
(1999-2003) EUR 194,000

European Molecular Biology Organization (EMBO) Young Investigator Award #0246
(2001-2004)
EUR 85,000

Hungarian Higher Education Research Fund (FKFP) 0208/2001
"Role for PPARg and LXR in the biological effects of modified LDL"
(2001-2004) HUF 9 M (USD 31,500)

Fogarty International Research Collaboration Award (FIRCA) 5 RO3 TW 01146-02
"Chromatin activation in retinoid-induced apoptosis"
US collaborator: Dr Peter J.A. Davies (University of Texas-Houston, Medical School)
(1999-2003) USD 96,000

Royal Society (UK)

"Hormonal regulation of nuclear receptor co-repressor interactions"
(UK project leader: Dr John W.R.Schwabe MRC-LMB, Cambridge)
(2000-2001) GBP 10,000

Boehringer Ingelheim Research Award
"Molecular mechanisms of nuclear receptor action in health and disease"
(1999-2001) DEM 100,000

Egészségügyi Tudományos Tanács (ETT) (Hungarian Ministry of Health) T-07 254/99
"The role of the lipid activated transcription factor PPAR in the pathogenesis of atherosclerosis"
(1999-2000) HUF 1,600,000

Leukemia Society of America Special Fellow Award (1998-2000) USD38,000/year

Postdoctoral Fellowship of the Howard Hughes Medical Institute (1997-1998, 12 months) USD 34,000

Postdoctoral Fellowship of the University of Texas-Houston, Medical School (1992, 6 months) USD 10,000

FASEB Travel Fellowship for the 1992 Summer Conference on Retinoids (USD 500) Saxtons River, Vermont June 14-19 1992

Medical Student Grant (Pro Cultura Foundation) "Generation of tissue transglutaminase null mutant cell lines with homolog recombination" USD 1,800 (1992)

Research Studentship (3 months) Dept. of Pharmacology, Univ. of Texas HSC at Houston, USA 1989, (Soros Foundation, USD 1,500).

FEBS Youth Travel Fellowship FEBS International Summer School on the Molecular Genetics of Differentiation, West-Berlin 1989 (DEM 1,800)

Research and development activity (collaborations with industry):

Ongoing:
Completed:

SCHIZO-08 Biobank based biomarker discovery in schizophrenia
NKFP
840,000,000 HUF= EUR 2,900,000 (2008-2012)

Biosystems International SAS, France
Comprehensive pilot and biomarker early validation studies for COPD GPCR target and biomarker discovery
(2005-2007) EUR 165,000

Pfizer Global Research, Sandwitch, UK
Discovery and validation of biomarkers and drug targets for COPD: a clinical genomics, proteomics and genetics collaboration with the University of Debrecen.
(2003-2007) EUR 340,000

Richter Gedeon Ltd, Hungary
0980699 Global gene expression analysis on rat liver
5,000,000 HUF (2006-2007)

Pfizer Global Research, Fresnes Laboratories, France
Identification of disease relevant target and biomarker candidates by comprehensive interrogation of the genome and proteome in COPD (2001-2003) USD 164,000

N-GENE Research and Development Ltd, Budapest, Hungary
Analysis of GBP-15 in PPAR regulated processes
(2004) 300,000 HUF

Biorex Rt., Hungary
Development of quantitative PCR assays
(2001-2002) HUF 2 M (USD 7,000)

Publications:

Original Articles

1991

1. Retinoic Acid Receptor Transcripts in Human Umbilical Vein Endothelial Cells
Fesus, L., **Nagy, L**., Basilion, J. and Davies, P.J.A.
Biochemical and Biophysical Research Communications 179:32-38 (1991)
IF: 2.872

1995

2. Activation of Retinoid X Receptors Induces Apoptosis in HL-60 Cell Lines
Nagy, L., Thomazy, V.A., Shipley, G.L., Fesus, L., Lamph, W., Heyman, R.A., Chandraratna, R.A.S. and Davies, P.J.A.
Molecular and Cellular Biology 15:3540-3551 (1995)
IF: 10.727

1996

3. Identification and Characterization of a Versatile Retinoid Response Element (Retinoic Acid Response Element/Retinoid X Receptor Response Element) in the Mouse Tissue Transglutaminase Gene Promoter
Nagy, L., Saydak, M.M., Shipley, N., Lu, S., Basilion, J.P., Yan, Z-H., Syka, P., Chandraratna, RA.S., Stein, J.P., Heyman, R.A. and Davies, P.J.A.
Journal of Biological Chemistry 271 (8): 4355-4365 (1996)
IF: 7.452

4. Retinoid-regulated Expression of BCL-2 and Tissue Transglutaminase During Differentiation and Apoptosis of Human Myeloid Leukemia (HL-60) Cells
Nagy, L., Thomazy, V.A., Heyman, R.A., Chandraratna, R.A.S. and Davies, P.J.A.
Leukemia Research 20 (6): 499-505 (1996)
IF: 1.423

5. Retinoic acid induction of the tissue transglutaminase promoter is mediated by a novel response element
Yan, H- Z., Noonan, S., **Nagy, L.**, Davies, P.J.A. and Stein, J.P.
Molecular and Cellular Endocrinology 120: 203-212 (1996)
IF: 2.635

1997

6. Nuclear receptor repression mediated by a complex containing SMRT, mSin3A and histone deacetylase
Nagy, L., Kao, H-Y., Chakravarti, D., Lin, R.J., Hassig, C.A., Ayer, D.E., Schreiber, S.L. and Evans, R.M.
Cell 89 (3): 373-380 (1997)
IF: 37.297

7. Lack of induction of tissue transglutaminase but activation of the preexisting enzyme in c-myc-induced apoptosis of CHO cells
Balajthy, Z., Kedei, N., **Nagy, L.,** Davies P.J.A and Fesus, L.
Biochemical and Biophysical Research Communications 236:280-284 (1997)
IF: 2.671

8. Nuclear receptor co-activator ACTR is a novel histone acetyltransferase and forms a multimeric activation complex with P/CAF and CBP/p300
Chen, H., Lin, R., Schiltz, L., Chakravarti, D., Nash, A., Nagy**, L.,** Privalsky, M.L., Nakatani, Y. and Evans, R.M.
Cell 90 (3): 569-580 (1997)
IF: 37.297

9. The promoter of the mouse tissue transglutaminase gene directs tissue-specific, retinoid regulated and apoptosis linked expression
Nagy, L., Thomazy, A.V., Saydak, M.M., Stein, J.P. and Davies, P.J.A.
Cell Death and Differentiation 4 (7): 534-547 (1997)
IF: 5.247

1998

10. TNF-a modulates expression of the tissue transglutaminase gene in liver cells
Kuncio, GS., Tsyganskaya, M., Zhu, J., Liu, S-L., **Nagy, L.**, Thomazy, VA., Davies, PJA. And Zern, MA
American Journal of Physiology 37(2): G240-252 (1998)
IF: 3.077

11. A transgenic mouse model for the study of apoptosis during limb development
Nagy, L., Thomazy, V. A, and Davies, P.J.A.
Cell Death and Differentiation 5(1): 126 (1998)
IF: 4.021

12. Role of the histone deacetylase complex in Acute Promyelocytic Leukemia
Lin, J.R., **Nagy, L.,** Satoshi, I., Shao, W., Miller, W., and Evans, R.M.
Nature 391:811-814 (1998)
IF: 28.833

13. Oxidized LDL regulates macrophage gene expression through ligand activation of PPARγ
Nagy, L., Tontonoz, P., Alvarez, JGA., Chen, H. and Evans, RM.
Cell 93(2): 229 -240 (1998)
IF: 38.686

14. PPARγ promotes monocyte/macrophage differentiation and uptake of oxidized LDL
Tontonoz, P.,* **Nagy, L.***, Alvarez, JGA., Thomazy, VA. and Evans, RM.
Cell 93(2): 241 - 252 (1998)
*joint first authors
IF: 38.686

1999

15. Essential roles of retinoic acid signaling in interdigital apoptosis and control of BMP-7 expression in mouse autopods
Dupe, V., Ghyselinck, N.B., Thomazy, V., **Nagy, L.,** Davies, P.J.A., Chambon, P. and Mark, M.
Developmental Biology 208:30-43 (1999)
IF: 6.049

16. Mechanism of co-repressor binding and release from nuclear hormone receptors **Nagy, L.,** Kao H-Y., Love, JD, , Li, C., Banayo, E., Gooch, JT., Chatterjee, VKK, Evans, RM and Schwabe, JWR
Genes and Development 13(24): 3209-3216 (1999)
IF: 19.220

2000

17. Role for PPARa in oxidized phospholipid induced synthesis of MCP-1 and IL-8 by endothelial cells
Lee, H., Shi, W., Tontonoz, P., Wang, S., Subbanagounder, G., Hedrick, L., Hama, S., Borromeo,C., Evans, RM., Berliner, JA and **Nagy, L.**
Circulation Research 87: 516-521 (2000)
IF: 9.193

18. Apoptosis-linked in vivo regulation of the tissue transglutaminase gene promoter
Szegezdi, E., Szondy, Z., **Nagy, L.,** Nemes, Z., Friis, RR., Davies, PJA and Fesus, L.
Cell Death and Differentiation 7(12): 1225-1233 (2000)
IF: 7.785

2001

19. PPARγ dependent and independent effects on macrophage gene expression in lipid metabolism and inflammation
Chawla, A., Barak, Y., **Nagy, L.,** Liao, D., Tontonoz, P., and Evans, RM
Nature Medicine 7(1): 48-53 (2001)
IF: 27.906

20. A PPARγ-LXR-ABCA1 pathway in macrophages is involved in cholesterol efflux and atherogenesis
Chawla, A., Boisvert, W.A., Lee, C-H., Laffitte, B., Barak, Y., Joseph, S.B., **Nagy, L.,** Liao, D., Edwards, P.A., Curtiss, L.K., Evans, R.M., and Tontonoz, P.
Molecular Cell 7: 161-171 (2001)
IF: 16.611

21. Differential effects of rexinoids and thiazolidinediones on metabolic gene expression in diabetic rodents
Ahuja, H.S., Liu, S., Crombie, D.L., Boehm, M., Leibowitz, M.D., Heyman, R. A., Depre, C., **Nagy, L.**, Tontonoz, P., Davies, P.J.A.

Molecular Pharmacology 59: pp. 765-773. (2001)
IF: 5.297

2002

22. The structural basis for the specificity of retinoid-X-receptor selective agonists: new insights into the role of helix H12.
Love, J.D., Gooch, J.T., Benko, S., **Nagy, L.,** Chatterjee, V.K.K., Evans', R.M. and Schwabe, J.W.R.
Journal of Biological Chemistry 277(13): 11385-11391 (2002)
IF: 6.696

2003

23. Molecular determinants of the balance between co-repressor and co-activator recruitment to the retinoic acid receptor
Benko, S., Love, J.D., Beládi,' M., Schwabe, J.W.R. and **Nagy, L.,**
Journal of Biological Chemistry 278: 43797-43806 **(**2003)
IF: 6.482

2004

24. Activation of PPARγ specifies a dendritic cell subtype capable of enhanced induction of iNKT cell expansion
Szatmari, I., Gogolak, P., Im, S. J., Dezso, B., Rajnavolgyi, E. and **Nagy, L.**
Immunity 21:95-106 (2004)
IF: 15.448

25. Transcriptional regulation of human CYP27 integrates retinoid, PPAR and LXR signaling
Szanto, A., Benko, S., Szatmari, I., Balint, L.B., Furtos, I., Rühl, R., Molnar, S., Csiba, L., Garuti, R., Calandra, S., Larsson, H., Diczfalusy, U. and **Nagy, L.**
Molecular and Cellular Biology 24(18):8154-8166 (2004)
IF: 7.822

2005

26. Retinoids potentiate PPARγ action in differentiation, gene expression and lipid metabolic processes in developing myeloid cells
Szanto, A. and **Nagy, L.**
Molecular Pharmacology 67(6):1935-1943 (2005)
IF: 4.612

27. Arginine methylation provides epigenetic transcription memory for retinoid-induced differentiation in myeloid cells
Balint, L.B., Szanto, A., Madi, A., Bauer, U.M., Gabor, P., Benko, S., Puskas, L., Davies, P.J.A. and **Nagy, L.,**
Molecular and Cellular Biology 25:5648-5663 (2005)
IF: 7.093

28. Genome-wide localization of histone 4 arginine 3 methylation in a differentiation primed myeloid leukemia cell line.
Balint, L.B., Gabor, P. and **Nagy, L.**
Immunobiology 210:141-152 (2005)
IF: 1.812

29. Coagulation factor XIII-A: A flow cytometric intracellular marker in the classification of acute myeloid leukemias.
Kappelmayer, J., Simon, A., Katona, E., Szanto, A., **Nagy, L.,** Kiss, A., Kiss, Cs. and Muszbek, L.
Thrombosis and Haemostasis 94(2): 454-459 (2005)
IF: 3.056

30. Identification of factor XIII-A as a marker of alternative macrophage activation
Torocsik, D., Bardos, H., **Nagy, L.** and Adany, R.
Cellular and Molecular Life Sciences 62:2132-2139 (2005)
IF: 4.812

31. Accelerated recovery of 5-fluorouracil-damaged bone marrow after rosiglitazone treatment
Djazayeri, K., Szilvassy, Z., Peit, B., Nemeth, J., **Nagy, L.,** Kiss, A., Szabo, B. and Benko, I.
European Journal of Pharmacology 522:122-129 (2005)
IF: 2.477

2006

32. SLAM/SLAM interactions inhibit CD40 induced production of inflammatory cytokine in monocyte derived dendritic cells
Réthi, B., Gogolák, P., Szatmári, I., Veres, A., **Nagy, L.,** Rajnavölgyi, E., Terhorst, C. and Lányi, A.
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