I. EDUCATION

2012– 2015 Endocrinology Fellowship, Division of Endocrinology, Metabolism and Diabetes, University of Colorado School of Medicine

7/2009 – 6/2012 Internal Medicine Residency Program, Harbor Hospital, Baltimore, MD

7/1996 – 4/1999 Sechenov Institute of Evolutionary Physiology and Biochemistry,

Saint-Petersburg, Russia

Degree: Ph.D.

Specialty: Biochemistry

9/1990 – 6/1996 Saint-Petersburg Medical University, Saint-Petersburg, Russia

Degree: M.D.

II. WORK EXPERIENCE

7/2014 – present HealthONE, Presbyterian/St. Luke's Medical Center, Denver, CO

Consulting attending endocrinologist

12/2003 – 06/2009 Department of Pharmacology, Emory University School of Medicine, Atlanta, GA

Postdoctoral fellow

04/1999 – 11/2003 Sechenov Institute of Evolutionary Physiology and Biochemistry, Saint-Petersburg, Russia

Research Scientist

III. MEDICAL LICENSING AND CERTIFICATIONS

State of Colorado Medical License

Certified by the American Board of Internal Medicine in Internal Medicine

Certified by the American Board of Internal Medicine in Endocrinology, Diabetes and Metabolism

IV. PROFESSIONAL MEMBERSHIPS

Endocrine Society

American Association of Clinical Endocrinologists

American Thyroid Association

V. HONORS AND AWARDS

2014 Endocrine Society Presidential Poster Competition Winner

2011 Chief Resident, Harbor Hospital Internal Medicine Residency Program

2010 Intern of the Year Award, Harbor Hospital Internal Medicine Residency Program

2010 Honorable Mentioning, 2010 Maryland Chapter American College of Physicians Associates Program Mulholland-Mohler Meeting (28th Annual Maryland Associates Meeting)

2001 INTAS Fellowship for Young Scientists YSF 2001/2-0095, Sechenov Institute of Evolutionary Physiology and Biochemistry, Saint-Petersburg, Russia, and Imperial College, London, UK

2000 IBRO Postdoctoral Fellowship, Sechenov Institute of Evolutionary Physiology and Biochemistry, Saint-Petersburg, Russia

1999 Human Frontier Science Program, short-term fellowship, Emory University, Atlanta, GA

1998 Soros Postgraduate Student Award, Sechenov Institute of Evolutionary Physiology and Biochemistry, Saint-Petersburg, Russia

VI. CLINICAL AND RESEARCH INTERESTS

Management of advanced radioiodine-resistant thyroid cancer, personalization of the targeted therapy choice, use of the “big data”/computational algorithms to assist with clinical decisions and support research.

VIII. RESEARCH FUNDING

2014 – 2015 Research Grant “Radiosensitization of thyroid cancer by blocking NF-κB signaling”, Endocrine Fellow Foundation, principal investigator

2005 – 2006 Cooperative Research Grant RUB1-2637-ST-05 “Melatonin oxidation metabolic pathway and its physiological significance”, Civilian Research and Development Foundation, Emory University, Atlanta, GA, co-investigator

2000 – 2002 Research grant 00-04-49220 “Regulation of melatonin-dopamine circadian zeitgeber system by light in the retina” from Russian Foundation for Basic Research, principal investigator

VIII. LIST OF PUBLICATIONS

1. **Pozdeyev N**, Lund G, McDermott MT. Molecular Pathogenesis of Thyroid Cancer and Oncogenes in Thyroid Cancer. In Wartofsky L, Van Nostrand D (Eds.), *Thyroid Cancer (3rd ed.)*, Springer, 2015, in press.
2. Bauerle KT, Schweppe RE, Lund G, Kotnis G, Deep G, Agarwal R, **Pozdeyev N**, Wood WM, Haugen BR. Nuclear Factor kappa B-dependent Regulation of Angiogenesis, and Metastasis in an In Vivo Model of Thyroid Cancer is Associated with Secreted Interleukin-8. *J Clin Endocrinol Metab.* 2014 Aug;99(8):E1436-44.
3. Ochocinska MJ, Muñoz EM, Veleri S, Weller JL, Coon SL, **Pozdeyev N**, Iuvone PM, Goebbels S, Furukawa T, Klein DC. NeuroD1 is required for survival of photoreceptors but not pinealocytes: results from targeted gene deletion studies*. J Neurochem*. 2012 Oct;123(1):44-59.
4. Peachey NS, Ray TA, Florijn R; Rowe LB, Spoerdsma T, Contreras-Alcantara S, Baba K, Tosini G, **Pozdeyev N**, Iuvone PM, Bojang P, Pearring JN, Simonsz HJ; van Genderen N, Birch DG, Traboulsi EI, Dorfman A, Lopez I, Ren H, Goldberg AF, Nishina PM, Lachapelle P, McCall MA, Koenekoop RC; Bergen AA, Kamermans M, Gregg RG. GPR179 is required for depolarizing bipolar cell function and is mutated in autosomal recessive complete congenital stationary night blindness. *The American Journal of Human Genetics*. 2012 Feb 10;90(2):331-9.
5. Sengupta A, Baba K, Mazzoni F, **Pozdeyev N**, Strettoi E, Iuvone PM, Tosini G. Localization of melatonin receptor 1 in mouse retina and its role in the circadian regulation of the electroretinogram and dopamine levels. *PLoS One*. 2011;6(9):e24483. Epub 2011 Sep 7.
6. Schroeder JP, Cooper DA, Schank JR, Lyle MA, Gaval-Cruz M, Ogbonmwan YE, **Pozdeyev N**, Freeman KG, Iuvone PM, Edwards GL, Holmes PV, Weinshenker D. Disulfiram attenuates drug-primed reinstatement of cocaine seeking via Inhibition of dopamine beta-hydroxylase. *Neuropsychopharmacology*. 2010 Nov;35(12):2440-9.
7. Baba K, **Pozdeyev N** (KB and NP contributed equally to this work), Mazzoni F, Contreras-Alcantara S, Liu C, Kasamatsu M, Martinez-Merlos T, Strettoi E, Iuvone PM, Tosini G. Melatonin modulates visual function and cell viability in the mouse retina via the MT1 melatonin receptor. *Proc Natl Acad Sci U S A.* 2009 Sep 1;106(35):15043-8.
8. Cameron MA, **Pozdeyev N**, Vugler AA, Cooper H, Iuvone PM, Lucas RJ. Light regulation of retinal dopamine that is independent of melanopsin phototransduction. *Eur J Neurosci.* 2009 Feb;29(4):761-7.
9. **Pozdeyev N**, Tosini G, Li L, Ali F, Rozov S, Lee RH and Iuvone PM. Dopamine modulates diurnal and circadian rhythms of protein phosphorylation in photoreceptor cells of mouse retina. *Eur. J. Neurosci*, 2008 27:2691-2700.
10. Tosini G, **Pozdeyev N**, Sakamoto K, Iuvone PM. The circadian clock system in the mammalian retina. *BioEssays*, 2008, 30:624-633. Review.
11. Pardue MT, Faulkner AE, Fernandes A, Yin H, Schaeffel F, Williams RW, **Pozdeyev N**, Iuvone PM. High susceptibility to experimental myopia in a mouse model with a retinal on pathway defect. *Invest Ophthalmol Vis Sci*. 2008 Feb;49(2):706-12.
12. Calamusa M, Pattabiraman P, **Pozdeyev N**, Iuvone PM, Cellerino, A, Domenici L. Specific alterations of tyrosine hydroxylase immunopositive cells in the retina of NT-4 knock out mice. *Vision Res*. 2007 May;47(11):1523-36.
13. Chaurasia SS, Haque R, **Pozdeyev N**, Jackson CR, Iuvone PM. Temporal coupling of cyclic AMP and Ca/calmodulin-stimulated adenylyl cyclase to the circadian clock in chick retinal photoreceptor cells. *J Neurochem*. 2006 Nov;99(4):1142-50.
14. **Pozdeyev N**, Taylor C, Haque R, Chaurasia SS, Visser A, Thazyeen A, Du Y, Fu H, Weller J, Klein DC, Iuvone PM. Photic regulation of arylalkylamine N-acetyltransferase binding to 14-3-3 proteins in retinal photoreceptor cells. *J Neurosci*. 2006 Sep 6;26(36):9153-61.
15. Chaurasia SS, **Pozdeyev N**, Haque R, Visser A, Ivanova TN, Iuvone PM Circadian clockwork machinery in neural retina: Evidence for the presence of functional clock components in photoreceptor-enriched chick retinal cell cultures. *Molecular Vision* 2006; 12:215-223.
16. Sakamoto K, Liu C, Kasamatsu M, **Pozdeyev NV**, Iuvone PM, Tosini G. Dopamine regulates melanopsin mRNA expression in intrinsically photosensitive retinal ganglion cells. *Eur J Neurosci*. 2005 Dec;22(12):3129-36.
17. Iuvone PM, Tosini G, **Pozdeyev N**, Haque R, Klein DC, Chaurasia SS. Circadian clocks, clock networks, arylalkylamine N-acetyltransferase, and melatonin in the retina. *Prog Retin Eye Res*. 2005 Jul;24(4):433-56. Review.
18. Rozov SV, Filatova EV, Orlov AA, Volkova AV, Zhloba AR, Blashko EL, **Pozdeyev NV**. N1-acetyl-N2-formyl-5-methoxykynuramine is a product of melatonin oxidation in rats*. J Pineal Res*. 2003 Nov;35(4):245-50.
19. Arutjunyan AV, Kerkeshko GO, Anisimov VN, Stepanov MG, Prokopenko VM, **Pozdeyev NV**, Korenevsky AV. Disturbances of diurnal rhythms of biogenic amines contents in hypothalamic nuclei as an evidence of neurotropic effects of enterotropic carcinogen 1,2-dimethylhydrazine. *Neuro Endocrinol Lett*. 2001 Aug;22(4):229-37.
20. **Pozdeyev NV**, Lavrikova EV. Diurnal changes of tyrosine, dopamine, and dopamine metabolites content in the retina of rats maintained at different lighting conditions. *J Mol Neurosci*. 2000 Aug;15(1):1-9.
21. **Pozdeyev NV**, Doroshenko EM, Lavrikova EV, Etingof RN. The effects of melatonin and L-DOPA on the diurnal rhythms of free amino acids content in the rat retina. *J Biol Rhythms*. 2000 Apr;15(2):112-21.