

Dagmara Danek

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PROFESSIONAL WORK EXPERIENCE

Colorado Retina Associates	November 2025
Rocky Mountain Retina Associates	August 2024 – October 2025
Cook County Health / Retina Associates Vitreoretinal Surgery Fellowship	July 2022 – June 2024
John H. Stroger Hospital of Cook County Ophthalmology Residency	July 2019 – June 2022
Duke University Internal Medicine Residency	July 2018 – June 2019

EDUCATION

Lake Erie College of Osteopathic Medicine Doctor of Osteopathic Medicine, 2018	2014 – 2018
University of Miami Bachelor of Science, Biology, 2012 Minors: Chemistry & Psychology	2009 – 2012

RESEARCH

Research Associate in Laboratory of Dmitry Ivanov, PhD University of Miami Bascom Palmer Eye Institute	2012 – 2014
“Exercise is Medicine” with Mark Stoutenberg, PhD University of Miami Miller School of Medicine	2011 – 2012
Research Assistant in Laboratory of Burjor Captain, PhD University of Miami Nanoscience Laboratory	2010 – 2012

PUBLICATIONS

Book Chapters

Danek D, Larsen B. (2023). Ocular Manifestations of Susac Syndrome. *Disease-a-Month*.
Danek D, Giovingo M. (2021). Ocular Manifestations of Pseudoexfoliation Syndrome. *Disease-a-Month*.
Danek D, Larsen B, Anderson-Nelson S. (2021). Non-proliferative diabetic retinopathy. *Disease-a-Month*, 67(5), 101139.
Gordon A, Danek D, Phelps P. (2020). Common inflammatory and infectious conditions of the eyelid. In P Phelps (Ed). *Disease-a-Month*, 66(10), 101042. **Articles:**

Articles

Sangal K, Barquet B, Danek D, Patrianakos T, Nichols J. (2021). SARS-CoV-2 Associated Optic Neuritis. *In progress*.
Danek D, Blessing NW, Tse DT. (2019). Corneal Perforation with Uveal Prolapse: An Initial Presentation of Orbital Metastatic Breast Cancer. *American Journal of Ophthalmology Case Reports*, 16, 100551.
Danek D, Danek B, Pappas S. (2017). Massive Pulmonary Embolism in a Patient with Undiagnosed Homocystinuria. *Journal of Clinical Case Reports*, 7(9), 10001022.
Dvorianchikova G, Pappas S, Luo X, Ribeiro M, Danek D, Pelaez D, Park KK, Ivanov D. (2016). Vially Delivered, Constitutively Active NFkB Improves Survival of Injured Retinal Ganglion Cells. *European Journal of Neuroscience*, 44(11), 2935-2943.
Maranda E, Fipps D, Danek D, Taneja R, Jimenez J. (2016). Dermatologic Marvels – Hypertrichosis. *JAMA Dermatology*, 152(5), 552.
Maranda E, Wang M, Hsieh S, Danek D, Jimenez J. (2016). Flower Power – The Versatility of Bloodroot. *JAMA Dermatology*, 152(7), 824.
Stoutenberg M, Stasi S, Stamatakis E, Danek D, Dufour T, Trilk J, Blair S. (2015). Physical Activity Training in US Medical Schools: Preparing Future Physicians to Engage in Primary Prevention. *The Physician and Sportsmedicine*, 43(4), 388-394.
Dvorianchikova G, Perea-Martinez I, Pappas S, Barry A, Danek D, Dvorianchikova X, et al. (2015). Molecular Characterization of Notch1 Positive Progenitor Cells in the Developing Retina. *PLoS ONE*, 10(6), e0131054.
Dvorianchikova G, Santos A, Danek D, Dvorianchikova X, Ivanov D. (2014). The TIR-Domain- Containing Adapter Inducing Interferon-B-Dependent Signaling Cascade Plays a Crucial Role in Ischemia-Reperfusion-Induced Retinal Injury, Whereas the Contribution of the Myeloid Differentiation Primary Response 88-Dependent Signaling Cascade Is Not as Pivotal. *European Journal of Neuroscience*, 40(3), 2502-2512.

Abstracts / Posters:

Ivanov D, Dvorianchikova G, Pappas S, Luo X, Ribeiro M, **Danek D**, Pelaez D, Park K. (2016). Constitutively Active Transcription Factor NFκB Facilitates Survival of Damaged Retinal Ganglion Cells. *Investigative Ophthalmology & Visual Science*, 57(12), 1164-1164. Poster presented at: ARVO; Seattle, WA

Dvorianchikova G, Perea-Martinez I, **Danek D**, Barry A, Pappas S, Dvorianchikova X, Ivanov D. (2015). Gene Expression Profiling of Notch1 Positive Progenitor Cells Isolated From Developing Retina. *Investigative Ophthalmology & Visual Science*, 56(7), 2241-2241. Poster presented at: ARVO; Denver, CO

Ivanov D, Perea-Martinez I, **Danek D**, Nalik JR, Pappas S, Dvorianchikova X, Dvorianchikova G. (2015). The Molecular Mechanisms of Sterile Inflammation in Ischemic Retina. *Investigative Ophthalmology & Visual Science*, 56(7), 6168-6168. Poster presented at: ARVO; Denver, CO

SKILLS AND INTERESTS

- **Fitness:** Trail running with my dog, skiing, biking, rock climbing, former competitive figure skater
- **Languages:** Fluent in Spanish and Polish
- **Other:** Piano, guitar, singing, salsa dancing