

Goldi A. Kozloski, Ph.D.

Personal

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Research Interests

I am passionate about all aspects of translational research, and I am committed to making a real difference in the lives of people facing the most challenging medical conditions and help improve lives. I have acquired over 15 years of multi-disciplinary research experience that spans basic-science discovery and pre-clinical studies with specialty in B-cell immunology, and oncology/hematology.

I have specific interest in:

- Cell-based therapies and cytokine-based immune system stimulating therapies
- Precision medicine approach to therapy
- Molecular mechanisms and signal transduction pathways in human diseases
- B-cells adaptive immune response in normal B-cells and in B-cell malignancies

Education

- 2009-2016 **Postdoctoral Fellow**, Sylvester Cancer Center, University of Miami, FL, USA with Prof. Izidore Lossos.
Master Regulator MicroRNAs in Lymphoma Pathogenesis
- 2003-2009 **Ph. D.** Department of Biochemistry and Molecular Biology, University of Miami School of Medicine, Miami, FL USA. with Prof. Kermit Carraway
Dissertation: *Mechanistic and Signaling Analysis of Muc4-ErbB2 Signaling Module*
- 1993-1997 **B. S.** Biology/Pre-med and Asian Studies minor (**Magna cum laude**), Eckerd College, Saint Petersburg, FL, USA. Mentor: Prof. William Guy Bradley
- 1996-1997 **Japanese Language Certificate**, Kansai Gaidai University, Osaka, Japan

Experience

- 2018-Present **Principal Research Consultant and Founder.** *Alef Research Strategies, LLC, Coral Gables, FL.*
- Provides a multi-disciplinary and pre-clinical research support with expertise in oncology and hematological malignancies
 - Grants and publication writing support (scientific merit and content)
 - Registered as a certified Women Owned Small Business (WOSB) by the U.S. Small Business Administration (SBA) under the federal contract program.
 - Manages all financial and business operations
- 2017-2018 **Assistant Professor of Biomedical Sciences.** *Barry University, Hollywood, FL USA.*
- Taught a variety of courses to master students including; Clinical Biochemistry- metabolic pathways &, molecular and clinical applications, Molecular Biology, Research Methods, Advanced Seminar in Bioinformatics, Research Problems
 - Led a research group
 - Designed all curricula and introduced new courses
 - Advised graduate students and medical school applicants

2009-2016 **Post-doctoral Research fellow.** Sylvester Cancer Center, University of Miami, Miami, FL, USA.

- Independent research investigator- Analyzed the functional role of a prognostic biomarker microRNA in B-cell lymphoma, and elucidated the signaling transduction and molecular mechanism of its action (5 peer reviewed publications including *Blood*, *Clinical Cancer Research*, *Current Opinion in Hematology*, *Journal of Cellular Physiology*).
- Grant writer- Designed research-plans, methods, budget, and wrote the regulatory documents and all other grant components (awarded 2 extramural and 2 intramural grants).
- Mentor- Mentored, trained, and supervised graduate students (2), and clinical fellows (3) resulting in new projects development, extramural grants funding, and peer reviewed publications.
- Laboratory Management- Managed the laboratory tumor bank and blood bank.
- Data Presenter- In international meetings of the *American Society of Hematology*, the *European Hematology Association*, and *American Association of Cancer Research*.

Awards and Recognitions

- 2015 **Best Poster in Basic Science.** University of Miami, Department of Medicine Annual Poster Competition. *MiR-181a negatively regulates NF-kB signaling and affects B-cell like diffuse large B-cell lymphoma pathogenesis*
- 2014 **Abstract Achievement Award.** American Society of Hematology Annual Meeting. *miRNA-181a lead to longer animal survival and slower tumor-growth rate in diffuse large B-cell lymphoma xenograft models*
- 2013 **Hematology Training Award (TRTH).** American Society of Hematology. *Regulation of NF-kB signaling in diffuse large B-cell lymphoma by microRNAs*
- 2012 **Abstract Achievement Award.** American Society of Hematology Annual Meeting. *MiR-181a is a master regulator of the nuclear factor kB signaling pathway in diffuse large B-cell lymphoma.*
- 2012 **Best Poster Award-Basic Science Category.** Zubrod Memorial Annual Poster Competition, University of Miami Sylvester Cancer Center. *Regulation of NF-kB signaling in diffuse large B-cell lymphoma by microRNAs.*
- 2008 **Sylvester Cancer Center Travel Award.** AACR meeting in Jerusalem, Israel. Quantitative Biochemical Analysis of the Membrane-Bound Ligand Receptor Complex, MUC4-ERBB2
- 2007 **Poster Competition Award-Basic Science Category.** Zubrod Memorial Annual Poster Competition Award. University of Miami, Sylvester Cancer Center. *Mechanistic and Signaling Analysis of MUC4-ERBB2 Signaling Module.*
- 2003, 2004 **Florida Scholar Award.** University of Miami, Miller School of Medicine, Miami Florida

Languages

Hebrew, English, and Japanese (Japanese language certificate from Kansai Gaidai University, 1 year program)

Hobbies

Biblical Hebrew text-study, Outdoors activities and travels, Hebrew Calligraphy