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SUMMARY

- Over ten years post-Ph.D. experience in writing, editing and reviewing scientific manuscripts
- Experience in author services: publication guidance, critical review and developmental editing of manuscripts in the biomedical sciences
- Research experience in cancer biology, molecular biology, cell biology, mouse models of disease and immunology

EXPERIENCE

2017-2020 **Developmental Editor**
Nature Research Editing Service
As a freelance editor at Nature Research, I developmentally edited manuscripts, critiqued authors' writing and recommended journals to help researchers promote and present their work effectively.

2015-2018 **Research Consultant**
Edanz Group Ltd.
As a freelance research consultant at Edanz, I helped authors reach their publication goals by offering expert scientific reviews, journal selection advice and reviewer recommendations for peer review.

2009-2015 **Research Fellow**
Institute of Molecular and Cell Biology, A*STAR, Singapore
During my postdoctoral fellowship at IMCB, I analysed cell division pathways in cancer and reproductive development, co-authored multiple publications, and assisted my advisor with grant proposals and peer review of manuscripts.

2003-2008 **Graduate Assistant**
Center for Molecular Toxicology and Carcinogenesis, Pennsylvania State University, USA
As a doctoral student, I co-authored publications on the identification of ubiquitin ligases for Peroxisome Proliferator-Activated Receptor-alpha.

2001-2003 **Graduate Fellow**
Center for Immunology and Infectious Diseases, Pennsylvania State University, USA
As a Master's student in immunology, I published on the importance of protective immunity in preventing Bordetella re-infections.

2000-2001 **Research Associate**
Molecular Medicine laboratory, USV Ltd., Mumbai, India
I was involved in developing a rapid screening assay for the detection of mammalian lipase inhibitors from actinomycetes

1998 **Research Intern**
Institute of Microbial Technology, Chandigarh, India
Using phage display and biopanning, I worked on the identification of peptides that disrupt protein aggregation.

EDUCATION

2003-2008	Ph.D.	Molecular Medicine	Pennsylvania State University, USA
2001-2003	M.S.	Integrated Biosciences	Pennsylvania State University, USA
1997-1999	M.Sc.	Microbiology	University of Pune, India
1994-1997	B.Sc.	Microbiology & Biochemistry	University of Pune, India

PUBLICATIONS

Niska-Blakie J, **Gopinathan L**, Low KN, Kien YL, Goh CMF, Caldez MJ, Pfeiffenberger E, Jones OS, Ong CB, Kurochkin IV, Coppola V, Tessarollo L, Choi H, Kanagasundaram Y, Eisenhaber F, Maurer-Stroh S, Kaldis P. Knockout of the non-essential gene SUGCT creates diet-linked, age-related microbiome disbalance with a diabetes-like metabolic syndrome phenotype. *Cell Mol Life Sci.* 2019 Nov 13.

Gopinathan L, Szmyd R, Low D, Diril MK, Chang H, Coppola V, Liu K, Tessarollo L, Guccione E, Van Pelt AMM, Kaldis P. Emi2 is essential for mouse spermatogenesis. *Cell Reports* 2017; 20(3): 697-708.

Gopinathan L, Tan LW, Padmakumar VC, Coppola L, Tessarollo L, Kaldis P. Loss of Cdk2 and cyclin A2 results in impaired proliferation and delayed tumorigenesis. *Cancer Research* 2014; 74: 3870-9.

Kotoshiba S*, **Gopinathan L***, Pfeiffenberger E, Nakayama K, Nakayama K, Kaldis P. p27 is regulated independently of Skp2 in the absence of Cdk2. *Biochimica et Biophysica Acta*. 2014; 1843: 436-45. (**equal contribution)*

Gopinathan L, Ratnacaram CK, Kaldis P. Established and novel Cdk/cyclin complexes regulating the cell cycle and development. *Results Probl Cell Differ*. 2011; 53: 365-89.

Gopinathan L, Hannon DB, Peters JM, Heuvel Vanden JP. Regulation of Peroxisome Proliferator-Activated Receptor α by MDM2. *Toxicol. Sci*. 2009; 108(1): 48-58.

Gopinathan L, Hannon DB, Smith RW, Heuvel Vanden JP. Regulation of Peroxisome Proliferator- Activated Receptors by E6-AP. *PPAR Res.* 2008; 746935.

Gopinathan L, Kiriminajeswara GS, Wolfe DW, Harvill ET. Vaccine-induced immunity differs from infection-induced immunity to Bordetella bronchiseptica. *Microbes Infect*. 2007; 9(4):442-8.

Joshua PG, Davis JW**, Gopinathan L,** Leas TL, Nugent CA, Thompson JT, Heuvel Vanden JP. The ribosomal protein L11 associates with and inhibits the transcriptional activity of Peroxisome Proliferator Activated Receptor-α. *Toxicol Sci*. 2005; 89(2): 535-46.

Pishko EJ, Kirimanjeswara GS, Pilione MR, **Gopinathan L**, Kennett MJ, Harvill ET. Antibody-mediated bacterial clearance from the lower respiratory tract of mice requires complement component C3. *Eur J Immunol*. 2004; 34(1):184-93.