

ANANYA DE

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Objective

Provide medical writing and editing services for academic as well as pharmaceutical documents.

Education

PhD in Pharmacology <i>University of Minnesota, Minneapolis, USA</i>	2004
Bachelor of Pharmacy <i>Jadavpur University, Kolkata, India</i>	2000

Employment History

Director of Grant Opportunities , <i>International Cancer Advocacy Network (ICAN)</i> <ul style="list-style-type: none">• Writing and supervising the grant proposals for research and development.• Support the Scientific Advisory Council in decisions pertaining to cancer biomarkers and experimental drug selection criteria.	2009-present
Freelance Science Writer <ul style="list-style-type: none">• Writing biomedical journal review articles for publication.	2009-present
Postdoctoral Associate , <i>University of Minnesota, USA, Dept. of Pediatrics</i> <ul style="list-style-type: none">• Non-viral and viral based gene delivery into murine stem cells and <i>in vivo</i> cell transplantation.	2006-2008
Postdoctoral Scholar , <i>Stanford University, USA, Dept. of OB/GYN</i> <ul style="list-style-type: none">• Hormonal regulation of paracrine mediators in murine ovarian physiology.	2005-2006
Graduate Research Assistant , <i>University of Minnesota, Dept. of Pharmacology</i> <ul style="list-style-type: none">• Importance of protein interactions of DNA ligase III in mitochondrial DNA integrity (PhD thesis).• Protein interactions of human nucleolin in mammalian double strand break repair.	2000-2004

Writing Clients

- International Cancer Advocacy Network (<http://www.askican.org>)
- Global Neuroscience Initiative Foundation (<http://gnif.org>)

Original Research Publications

- De A. *Essential role of protein interactions of DNA Ligase III on mitochondrial genome stability* [doctoral thesis]. Minneapolis: University of Minnesota; 2004.
- De A, Donahue SL, Tabah A, Castro NE, Mraz N, Cruise JL and Campbell C. A novel interaction of nucleolin with Rad51. *Biochem Biophys Res Commun*. May 26, 2006;344(1):206-13.
- De A, Park JI, Kawamura K, Chen R, Klein C, Rauch R, Mulders SM, Gelpke MDS, Hsueh AJ. Intraovarian TWEAK/Fn14 ligand-receptor system limits ovarian preovulatory follicles from excessive luteinization. *Mol Endocrinol*. Oct 2006;20(10):2528-38.
- De A, Campbell C. A novel interaction between DNA ligase III and DNA polymerase gamma plays an essential role in mitochondrial base excision repair. *Biochem J*. Feb 15, 2007;402(1):175-86.
- Zhao P, De A, Hu Z, Li J, Mulders SM, Gelpke MDS, Duan EK, Hsueh AJ. Gonadotropin stimulation of ovarian fractalkine expression and fractalkine augmentation of progesterone biosynthesis by luteinizing granulosa cells. *Endocrinology*. Jun 2008;149(6):2782-9.
- Zhang JV, Jahr H, Luo CW, Klein C, Van Kolen K, Ver Donck L, De A, Baart E, Li J, Moechars D, Hsueh AJ. Obestatin induction of gene expression in gastrointestinal and adipose tissues and the mediatory role of GPR39. *Mol Endocrinol*. Jun 2008;22(6):1464-75.
- Cho JH, De A, Cheng Y, Li J, Klein C, Rauch R, Mulders SM, Hsueh AJ. Gonadotropin stimulation of the intraovarian nociceptin-OPRL1 receptor signaling system to augment progesterone biosynthesis by preovulatory follicles. (*in preparation*)
- Lakhan SE, Sabharanjak S, De A. Endocytosis of glycosylphosphatidylinositol-anchored proteins. *J Biomed Sci*. Oct 15, 2009;16:93.
- De A. Cancer Immunotherapy - an emerging field. *Pharmawave*. Mar 2012;5:1-9. ISSN 2249-3425.

Conferences – Poster & Talk

- De A, Park JI, Kawamura K, Chen R, Klein C, Mulders SM, Gelpke MDS, Hsueh AJ. Intraovarian TWEAK/Fn14 ligand-receptor system prevents ovarian hyperstimulation during gonadotropin induction of luteinization. Talk presented at: 10th Annual Reproductive Research Day; January 21, 2006; Stanford, CA.
- De A, and Campbell C. The role of DNA Ligase III in mitochondrial genome stability. Poster presented at: Experimental Biology; April 2004; Washington DC.

Awards

- American Heart Association (AHA) Predoctoral Fellowship, 2003-2004
- American Society for Pharmacology and Experimental Therapeutics (ASPET) Travel Award, 2004

Technical Skills

- **Molecular Biology:** Standard DNA and RNA analysis; Southern and Northern blot; site-directed mutagenesis; real-time quantitative PCR; splinkerette PCR; cloning; pyrosequencing
- **Cell biology:** Culturing hematopoietic progenitor cells (HPC), multipotent adult progenitor cells (MAPC), primary rodent cells and other mammalian cell-lines; Fluorescence and confocal microscopy; Generation of lentivirus; Fluorescence activated cell sorting (FACS) analysis
- **Proteomics:** Protein extracts: cytoplasmic and membrane protein, nuclear and mitochondrial fractionations; Western blots; Immunohistochemistry; Enzymatic assays like In vitro base excision repair assay; Radioimmunoassay for quantification of cAMP, progesterone, estrogen
- **Animal Studies:** Rat/mice handling and injections (intraperitoneal, subcutaneous and intrabursal)
- **Computer Skills:** Microsoft Word; Microsoft PowerPoint; EndNote; Basic statistical programs; Image analysis using Confocal Assistant and Adobe Photoshop; Quantification using Molecular Analyst and IPLab Gel software; Analysis of DNA and protein using Internet tools

Memberships

- University of Minnesota Alumni Member
- Stanford University Medical Center Alumni Association Member

Work Permit Status

I have employment authorization (EAD card) from my green card application. I will not require any visa sponsorship from my potential employer.