

## VINNY NEGI, PhD

*Medical Writer,*

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Work status- Green Card holder

My Blog - <https://biomedresed.com/>

### SUMMARY OF QUALIFICATIONS

- 13+ years of experience writing scientific abstracts, manuscripts, posters, slide decks, and presenting complex scientific/medical information to diverse audiences.
- Attention to detail for proofreading, copyediting, and quality control. Served as a reviewer for journals such as Oncotarget, Scientific Report, Nutrients, etc., and reviewed 60+ research articles.
- Led various cross-functional teams with effective communications and provided deliverables on time with client-facing experience by working as a consultant.
- Working knowledge of diverse therapeutic areas such as oncology, diabetes, pulmonary hypertension, pulmonary fibrosis, asthma, and immunology.
- Understand the basics of clinical trials and regulatory affairs. Completed training on “Good Clinical Practice for Clinical Trials with Investigational Drugs and Medical Devices (US FDA Focus)”.

### EXPERIENCE

#### **Research Scientist**

**Apr 2019 – Present**

Endocrinology and Metabolism Division, University of Pittsburgh, PA

- Ability to multi-task many projects. Leading 2 and collaborating 3 basic research projects to determine potential therapeutic targets for diabetes, possess excellent data gathering, analytical, and problem-solving skills. The findings from the primary projects are being utilized to formulate 3 manuscripts and one grant.
- Responsible for the editorial component of assigned projects including background research, literature searches, reference identification, writing and revisions, and preparation of tables and figures.
- Experience in people management; mentor and train 3 graduate and 5 undergraduate students to be scientifically and technically proficient.
- Excellent verbal and written communication skills. Prepare written reports, manuscripts, abstracts, and presentations summarizing project status and present them at regular meetings and conferences.
- Proficient with Microsoft Office applications for writing and presenting, Adobe Illustrator for making figures, and Endnote for referencing.

#### **Postdoctoral Associate**

**Jan 2016 – Mar 2019**

Vascular Medicine Institute, University of Pittsburgh, Pittsburgh, PA

- Led a multi-disciplinary team of 6, comprising bioinformaticians, clinicians, scientists, and technicians to repurpose cancer drugs for Pulmonary Hypertension using a computational pipeline. \$300,000 in funding was secured for this project from NIH.
- Adept in a literature search to stay updated with current trends and innovation. Comprehensively reviewed 130 articles for writing a review article published in *JCI Insight*.
- Proficient with utilizing innovative visualization tools for data analysis and presentation.
- Presented major research findings at various national and international conferences.

#### **Consultant**

**Jan 2017 – Dec 2017**

Fourth River Solutions, Pittsburgh, PA

- Established and maintained strong client relationships by developing strategic plans that aligned with their mission, vision, and goals.
- Conducted market research and competitive analysis for healthcare startup companies to bring their medical devices into the market.
- Effectively communicated with clients to understand their products and formulate strategies to address their business needs.

- Created pitch decks for clients to secure funding for their business ideas.

## **PhD Candidate**

**Aug 2010 – Dec 2015**

CSIR-Institute of Genomics and Integrative Biology (IGIB), New Delhi, India

- Led a cross-functional team for an immunology project, to determine the role of miRNAs in CD4<sup>+</sup> T cell differentiation.
- Collaborated with peers resulting in 3 publications in esteemed journals.
- Written and published a review article and book chapter.

## **EDUCATION**

**PhD in Biological Science**, CSIR-Institute of Genomics and Integrative Biology, Delhi, India (2015)

**M.Sc in Biotechnology**, IIT-Bombay, India (2010)

**B.Sc in Biochemistry**, Delhi University, India (2008)

## **NOTABLE PUBLICATIONS (15 Publications, 542 citations)- [vinnynegi](#)**

- **Negi V** et al. Bromodomain Protein Inhibition Protects  $\beta$ -Cells from Cytokine-Induced Death and Dysfunction via Antagonism of NF- $\kappa$ B Pathway. *Cells* 2024, 13(13), 1108.
- **Negi V** et al. Modeling mechanisms underlying differential inflammatory responses to COVID-19 in Type 2 diabetes using a patient-derived microphysiological organ-on-a-chip system. *Lab Chip*. 2023 Oct 10;23(20):4514-4527.
- **Negi V** et al. Computational repurposing of therapeutic small molecules from cancer to pulmonary hypertension. *Sci Adv*. 2021 Oct 22;7(43): eabh3794.
- **Negi V** and Chan SY. Discerning functional hierarchies of microRNAs in pulmonary hypertension. *JCI Insight*. 2017 Mar 9;2(5):e91327.
- **Negi V** et al. Altered expression and editing of miRNA-100 regulates iTreg differentiation. *Nucleic Acid Res*. 2015 Sept 18;43(16):8057-65.

## **KEY PRESENTATION OPPORTUNITIES**

- Poster presentation at ADA (American Diabetes Association) Scientific Session 2022 held in New Orleans, LO, June 3-7, 2022.
- Oral presentation at 17th and 18th NIH-NCATS Tissue Chip consortium meetings in 2020 and 2021.
- Poster presentation at AHA (American Heart Association) Scientific Session 2017 held in Chicago, IL, November 11-15, 2017.

## **RELEVANT BUSINESS AND SOCIAL SKILLS**

- Ability to work independently.
- Strong scientific understanding and logical thinking.
- Excellent communication (oral and written) and interpersonal skills.
- Highly self-motivated, dedicated, proactive, and organized with strong presentation skills.
- Excellent team player with a strong work ethic, high levels of flexibility, accountability to adapt to changes, and commitment to company growth and success.
- Foster respectful, professional, and effective communication with colleagues and manage teams.
- Ability to take unique and creative approaches to solve challenging problems.
- Ability to multitask and contribute to several projects while remaining well organized.