Curriculum Vieta

Malladi Navya
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CAREER OBJECTIVE

To be a part of an organization where I can make the best use of my experience, knowledge and skills thus achieving the organization goals as well as my personal goals.

EDUCATION

S.no	Degree	Institute/University	Year of pass	Percentage/CGPA
1.	Ph.D.	NIPER Guwahati	On going	8.33 (CGPA)
2	M.S. (Pharm)	NIPER Guwahati	2021	9.27 (CGPA)
3.	B.Pharmacy	Marri Laxman Reddy institute of pharmacy (JNTU Hyderabad)	2019	75.00%
4.	Intermediate	Sri Gayathri college	2015	91%
5`.	10th	Sri Sai Chaitanya school	2013	8.7

ACADEMIC PROJECTS

- **Ph.D. project**: Understanding the role of paricalcitol in NAFLD and its associated cardiac dysfunction.
- Understanding the liver heart axis in animal model of NAFLD and exploring the effect of empagliflozin on liver heart axis.
- **M pharm project**: Understanding the Activation of Platelets in Diabetes and Its Modulation by Allyl Methyl Sulfide, an Active Metabolite of Garlic.

ACADEMIC ACHIEVEMENTS

2022	**Won 3rd prize** at NIPER symposium 2022 under beginner category
2021	NIPER Ph.D. JEE, Secured **All India Rank- 1**
2021	**Gold medal** in MS(Pharma), Dept. of Biotechnology
2019	NIPER-JEE, Secured with **All India Rank- 850**
2019	GPAT-2019, Qualified with **All India Rank- 1811**

POSTER AND ORAL PRESENTATIONS

- Title: **Allyl methyl sulfide attenuates platelet activation in type 1 diabetes: Understanding molecular mechanism by metabolomics study**. 3rd National Biomedical Research Competition (NBRCOM) 2021 conducted by Society of Young Biomedical Scientist on December 10, 2022.
- Title: **Allyl Methyl Sulfide: A Potential Molecule to Modulate Platelet Activation in Type-1 Diabetes by Inhibiting the Metabolism of Arachidonic Acid PathwayWon.** NIPER Research Symposium conducted by NIPER Kolkata on February 15, 2022
- Title: **Allyl Methyl Sulfide attenuating the Platelet Activation in Type-1 Diabetes by inhibiting the Metabolism of Arachidonic Acid Pathway**. Cardiovascular Research Conclave (CRC) by CSIR-IICB, Kolkata on June 25, 2022

- Title: **Allyl Methyl Sulfide, an Active Metabolite of Garlic Attenuates the Platelet Activation in Type-1 Diabetes by Modulating the Altered Metabolites of Arachidonic Acid Pathway**.The 1st world congress on Controversies in Obesity and Diabetes (CODi) 2022 conducted on October 14th.
- Title: **Allyl Methyl Sulfide: A Potential Molecule to ModulatePlatelet Activation in Type-1 Diabetes by Inhibiting the Metabolism of Arachidonic Acid Pathway**. National Seminar on'Emerging Priorities in Science and Technology with Special Focus on Rural and Green Technology' on 66th ANNUAL TECHNICAL SESSION OF ASSAM SCIENCE SOCIETY organized by B. Borooah College held on March 24, 2022.

PUBLICATIONS

1. **Malladi N**, Alam MJ, Maulik SK, Banerjee SK. The role of platelets in non-alcoholic fatty liver disease: From pathophysiology to therapeutics. Prostaglandins Other Lipid Mediators. 2023 Jul 20;169:106766. doi: 10.1016/j.prostaglandins.2023.106766. Epub ahead of print. **IF: 4.3**
2. **Malladi N**, Johny E, Uppulapu SK, Tiwari V, Alam MJ, Adela R, Banerjee SK. Understanding the Activation of Platelets in Diabetes and Its Modulation by Allyl Methyl Sulfide, an Active Metabolite of Garlic. Journal of Diabetes Research. 2021 Oct 19;2021:6404438. doi: 10.1155/2021/6404438. **IF: 2.9**
3. **Malladi N**, Devidas L, Balaji SS, Alam MJ, Banerjee SK. Paricalcitol attenuates oxidative stress and inflammatory response in the liver of NAFLD rats. Cellular and Molecular Life Sciences.2023. (Under communication)
4. Ubaid T, Soumalya S, **Malladi N**, Roshan K, Bugga P, Praloy C, Banerjee SK. Knockdown of SCN5A alters metabolic-associated genes and aggravates hypertrophy in the cardiomyoblast. Cell biology international, 2023. (under communication)

SKILLS AND ABILITIES

- **Animal handling** and route of administration, development of cardiometabolic disease models.
- **Instrumentation:** Photoacoustic and Ultrasound imaging of animals, electrocardiography analysis of small animals**,** Confocal Microscope, Flow cytometer, Spectrophotometer, Auto analyze.
- **Molecular Biology Techniques:** Electrophoresis – SDS-PAGE, Western Blotting, Molecular cloning, DNA and RNA Aptamer selection,Isolation of DNA, RNA and Plasmid and Real-Time PCR.
- ***Invitro* Assays:** Establishment & Maintenance of cell culture facility, Routine cell culture techniques**,** cryopreservation**,** media preparation etc.
- **Data Analysis:** Working knowledge of scientific software (e.g., ImageJ, Graphpad Prism, metaboanalyst) typographic software (e.g., MS office, EndNote, and Zotero-Reference manager).

REFERENCES

1. **Dr. USN Murty,**
   Director,
   NIPER -Guwahati,
   Mobile number: 9127060998
   Email: murtyusn@gmail.com
   director@niperguwahati.ac.in

2. **Dr.Sanjay K Banerjee,**
   (PhD Supervisor)
   Associate Professor,
   Department of Biotechnology,
   NIPER-Guwahati.
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   Email: sanjay@niperguwahati.in

DECLARATION

I hereby declare that all the information provided by me in this application is factual and correct to the best of my knowledge and belief.

Ms. Malladi Navya