

SAPTADIPA PAUL

saprores@yahoo.com

Contact no: 8794381981, 7005290218

CAREER OBJECTIVE

To be associated with a premiere research institution that encourages innovation and provides a steep learning curve for my formative years and gain exposure to upcoming technologies while being resourceful, innovation and flexible.

EDUCATION QUALIFICATION

Ph.D

JAIN (Deemed-to-be University)

Year of Graduation: Ongoing

Post Graduate

North Eastern Hill University, M.Sc Biotechnology

Year of Graduation 2017

Dissertation/ Final Project: "Project on Phytochemical, antibacterial and antioxidant activity on plants extract of *Flemingia vestita* and *Zingiber rubens Roxb*".

Skills: Biochemical analysis

Graduation

North Eastern Hill University, B.Sc Biochemistry

Year of Graduation 2015

Dissertation/ Final Project: "Differential White Blood Corpuscle Count"

PAPER PRESENTED AT CONFERENCES/SEMINARS/SYMPOSIUM

- **Saptadipa Paul**, Mala Majumdar*. Microbiological quality assessment of Antidiabetic Polyherbal formulations. International Conference on Recent Advances in Applied Sciences, Technology & Health (RASTH-2021), Organized by SRM Research Institute, SRM Institute of Science and Technology Kattankulathur 603 203 Tamil Nadu, India. Online (3rd-5th March, 2021). Poster Presentation.
- **Saptadipa Paul**, Mala Majumdar*. "In-Vitro Antidiabetic Propensities, Phytochemical Analysis, and Mechanism of Action of Commercial Antidiabetic Polyherbal Formulation "Mehon" ". 1st International Electronic Conference on Biomolecules: Natural and Bio-Inspired Therapeutics for Human Diseases organized by MDPI: Sciforum, Online(1st-13th Dec 2020). Paper Presentation.
- **Saptadipa Paul**, Mala Majumdar*. "Comparison of in vitro Antioxidant Activities of Commercial antidiabetic polyherbal formulations and their correlation with phenolic contents". International virtual conference on "Plant specialized metabolism and metabolic engineering" organized by CSIR- Central Institute of Medicinal and Aromatic Plants, Research Centre, Allalasanra, GKVK Post, Bengaluru-560065, India (14th -16th October 2020). Poster Presentation. **Appreciation for poster presentation.**

- **Saptadipa Paul, Mala Majumdar*.** “Comparative in vitro Mechanism study of Anti-Diabetic Polyherbal formulations”. VIII Latin American Congress of Medicinal Plants” organized by La Sociedad Latinoamericana de Plantas Medicinales”, Cuenca – Ecuador (15th-17th october 2020) online. Poster.
- **Saptadipa Paul, Mala Majumdar*.**” Studies on in-vitro hypoglycemic effects of Anti-Diabetic Polyherbal formulation”.Translational Research Continuum (TRC 2020-International E-conference). Organisd by Dayanand Sagar University, School of basic sciences. (5th -7th November 2020).poster presentation. **Exemplary performance and winning Best Poster Presenter.**
- **Saptadipa Paul, Mala Majumdar*.** “Studies on in-vitro hypoglycemic effects of Antidiabetic polyherbal formulations”. International Conference on Biotechnology & Biological Sciences BIOSPECTRUM 2020 . Organized by Department of Biotechnology University of Engineering & Management, Kolkata In Association with Indian Ecological Society Microbiologists Society, India Smart Society, USA (19th -21st November 2020).Poster Presentation.
- **Saptadipa Paul, Daisy Joseph, Mala Majumdar *.**” Health risk assessment of Macro, Trace-elements and heavy metal in various Indian Antidiabetic Polyherbal formulations”. IECBBB-2020 International E-conference on Biotechnology, Bioinformatics and Biomedicine “Challenges and opportunities in Biotechnology Bioinformatics and Biomedicine in the post-COVID Era” organized by Faculty of Applied Sciences, AIMST University, Kedah, Malaysia (24- 26 August 2020). **Silver Award.**
- **Saptadipa Paul, Mala Majumdar *.** “Comparative evaluation of Antioxidant Activity of five commercial antidiabetic polyherbal formulations in India: an in vitro study”. BioRujivith 2019 “International conference on Biotechnological Advances in medicinal plants and natural products and exhibition on natural products and medicinal plants research” organised by School of sciences, Department of life science, Garden city university, Bangalore (19-20 September 2019).
- **Saptadipa Paul, Mala Majumdar *.** “Comparison of Antioxidant potential of marketed Antidiabetic herbal products In India: An *in vitro* study”. 11th Annual conference of KSTA on “New vistas in Science and Technology for common good” organised by Department of science and technology, Karnataka science and technology Academy , Government of Karnataka, Bangalore in association with Department of physical and life sciences, NMKRV college for women Autonomous, Bangalore (1-2 February 2019).
- **Saptadipa Paul, Mala Majumdar *.**” Comparative evaluation of Antioxidant and Antidiabetic Activity of commercial antidiabetic polyherbal formulations in India: an *in-vitro* study”. National conference on Phytochemicals and Microbial Bioactive compounds- Role in Agriculture and Human welfare” organized by Department of microbiology and biotechnology,

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Bangalore University, Bangalore supported by UGC SAP-II (3- 4 October 2019). **Best Paper Presentation.**

- **Saptadipa Paul**, Participated in the DBT star college sponsored poster competition on “Adapting to climate change: your subject’s perspective “organised by the Department of Biotechnology and Biochemistry, St Anthonys college, Shillong. (4th June 2014). **Awarded with certificate of excellence.**
- **Saptadipa Paul**, Participated in the student’s seminar ‘Advance scholar 2014, organized by Department of Biochemistry, St.Edmund’s College, Shillong under DBT-Star college scheme, Govt. of India (19th of September, 2014). **Awarded with certificate of excellence.**
- **Saptadipa Paul**, Participated in a one day programme titled BIO L-2014 “ comprising of inter college students seminar competition organised by Department of Biochemistry ,Lady keane college , Shillong and panel discussion on “ medicinal plants and their various uses” in collaboration with Institutional Biotech Hub . Apanel discussion on “Medicinal plants and their various uses”For undergraduate students. (16th October 2014).

RESEARCH PUBLICATION

- Saptadipa Paul, Mala Majumdar* (2021). An In-Vitro Investigation into the Mechanism of anti-diabetic activity of selected commercial polyherbal formulation. International Journal of Biology, Pharmacy and Allied Sciences. 10(9): 2896-2905. Thomson Reuters and Scopus indexed.
- Saptadipa Paul, Daisy Joseph, Mala Majumdar* (2021). Health risk assessment of Macro, Trace-elements and heavy metal in various Indian Antidiabetic Polyherbal formulations. Environmental Science and Pollution Research. 28, 40929–40937. <https://doi.org/10.1007/s11356-021-13615-0>. IF: 4.223.
- Saptadipa Paul, Mala Majumdar* (2021). In-Vitro Antidiabetic Propensities, Phytochemical Analysis, and Mechanism of Action of Commercial Antidiabetic polyherbal formulation “Mehon”. Proceeding, 83(7). <https://doi.org/10.3390/IECBM2020-08805>.

PROFESSIONAL TRAINING

Seminar or Workshop or Certification

Dibrugarh university, Assam, 23/8/ 2021 to 28/8/2021

Description: Short term training programme on the theme: Bridging industrial opportunities with academic challenges prospective of pharmaceutical research. Sponsored by the AICTE and organised by the department of pharmaceutical sciences, Dibrugarh university, Assam, 23/8/ 2021 to 28/8/2021

S. Nijalingappa College, Bangalore, 4/8/2021 and 5/8/2021

Description: Two Day Virtual Workshop on “Intellectual Property Rights and Biotechnology”.

Bionome, Bangalore, 20/02/2021

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Description: Training on Pharmacological tools use from BioNome | Bioinformatics Division of SRNOME.

Biotechnika, Bangalore, 14/10/2020

Description: Training on Molecular docking from Biotechnika Info labs Pvt.Ltd. for 8 Days.

JAIN (Deemed-to-be University), Bangalore, 7th to 8th June

Description: Skill development programme , organised by Centre for research in social sciences and education JAIN (Deemed-to-be University).

JAIN (Deemed-to-be University), Bangalore, 2nd to 15th January

Description: Science academies' refresher course on, An insight into Microbiology and molecular biology, Sponsored and supported by Indian academy of sciences (Bangalore, Indian national science academy (New Delhi) and The National academy of sciences India (Allahabad).

BITP-NES, BiOZEEN, Bangalore, 4/12/2017 to 3/6/2018

Description: Biotech Industrial Training programme for north eastern states students(BITP-NES), at BiOZEEN, Bengaluru from 4-12-2017 to 3-6-2018 in the project titled "Overview of biopharmaceutical production and bioprocess engineering" sponsored by Department of Biotechnology, Government of India, Organized by Biotech Consortium India Limited, New delhi.

St.Edmund's College, Shillong, 19/09/2014

Description: Student's seminar 'Advance scholar 2014, under DBT-Star college scheme.

St Anthonys College, Shillong, 05/12/2012 – 07/12/2012

Description: Inter departmental workshop on basic sciences program of the star college scheme.

PROJECTS COMPLETED

Project on Differential White Blood Corpuscle Count from Department Biochemistry Anthony's College, Shillong.

- Project on Phytochemical, antibacterial and antioxidant activity on plants extract of Flemingia vestita and Zingiber rubens Roxb.). Project was undertaken at St.Anthonys College, Shillong.
- Comparative biochemical assay of Nutritional components and qualitative phytochemical analysis on Prunus nepalensis , Psidium guajava L, Passiflora edulis and Corylus avellana L, Project was undertaken at institutional Biotech Hub Lady keane college , Shillong.
- Overview of biopharmaceutical production and bioprocess engineering, undertaken at BiOzeen, Bangalore.

HANDS-ON- EXPERIMENTAL WORK

Animal cell culturing, Microbial fermentation, Cleaning Sterilization and Filtration, Downstream Processing, Biochemical assays, Phytochemistry.

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PERSONAL DETAILS

Father's Name & Occupation: Bidhu Paul (Business)

- Mother's Name & Occupation: Sukla Paul (Home-maker)
- Nationality: Indian
- Date of birth: 08.05.1993
- Gender: Female
- Languages known : English, Hindi, Assamese, Bengali
- Blood group: A+
- Category: General



DECLARATION: I hereby declare that the information furnished above is true to the best of my knowledge. (Saptadipa Paul)