

Resume

Dr. Sachina Yonzzone, M.Sc., Ph.D.



❖ Personal Details

Sex- Female

Date of Birth: 01/05/1979

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Burns Gram, Lebong Cart Road

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- ❖ **Current Position:** Assistant Professor (Stage 1), Department of Botany, City College, 102/1 Raja Rammohan Sarani, Kolkata-700009. (Under Calcutta University).

❖ Educational qualifications:

Course	University
B.Sc. (Bot, Hons.), 2001	North Bengal University
M.Sc.( Plant Physiology and Biochemistry). 2003	North Bengal University
Ph.D., Isolation and biochemical characterization of L-myo-inositol-1-phosphate synthase from <i>Asterella khasiua</i> (Griff.) Grolle and <i>Sphagnum junghuhnianum</i> Doz. & Molk.of Darjeeling Hills, 2019	North Bengal University

❖ Previous working experience:

Sl. No.	Post	College, University and Organisation	Department	Duration
1	SACT I	Darjeeling Government College Under NBU	Botany	21 <sup>st</sup> July 2008- 18 <sup>th</sup> Dec 23

- ❖ **Area of expertise and Research Interest:** Enzymology, Protein purification

❖ Publication:

1) Chhetri DR, Yonzzone S, Mukhia R: Bioprospecting for enzymes in bryophytes: Extraction of L-myo-inositol-1-phosphate synthase from *Sphagnum junghjnianum* Doz. et Molk. And its characterization, Sou. Afr. J. Bot, 163: 692-702 (2023)

2) Yonzzone S, Chhetri DR, Roy SC: Isolation and characterization of an enzyme L myo- inositol-1-phosphate synthase from bryopsida *Brachymerium bryoides* Hook. Ex Schwagr. Found in Darjeeling Hills, Int.J.Creat.Res.Thoughj. 6:1625-1631 (2018)

3) Yonzzone S, Jha S, Chhetri DR: Gluconeogenic Fructoser 1,6-bisphosphatase from *Ginkgo biloba* L: Isolation and characterization. Ann. Plant. Sci: 4:1116-1122 (2015)

4) Chhetri DR, Yonzon S, Tamang S, Mukherjee AK: L-myo-inositol-1-phosphate synthase from bryophytes: Purification and characterization of the enzyme from *Lunularia cruciata* (L) Dun. *Braz. J. Plant.* 21: 243-250 (2009)

5) Chhetri DR, Yonzon S, Mukherjee AK, Adhikari J: L-myo-inositol-1-phosphate synthase from *Marchantia nepalensis*: partial purification and properties. *Gen. Appl. Plant. Psysiol.* 232:153-164 (2006)

#### ❖ List of Participation in Seminar, Conference and Workshop

1) Oral presentation on International conference on contemporary Issues in Integrating Climate-The merging Area of Agriculture, Horticulture, Biodiversity, Forestry, Engineering, Fundamental, Applied Sciences and Business Management for Sustainable Development (AGROTECH-2017) on 11<sup>th</sup> & 12<sup>th</sup> May 2017, organized by Himalayan Scientific Society for Fundamental and Applied Research in collaboration with Kalimpong Science Centre, Kalimpong and UBKV, Kalimpong, Darjeeling.

2) Oral presentation on UGC Sponsored national seminar on Advances in Biology: eastern Himalayan Perspective on 3<sup>rd</sup> and 4<sup>th</sup> Oct 2015, organized by Department of Botany and Department of Zoology, Kalimpong College, Kalimpong, Darjeeling.

3) Oral presentation as young scientist in National Conference on New Frontiers in Medicinal Plants and special Meeting on Medicinal Plants for Livelihood Security and Community Empowerment in Eastern Himalayas held on 3, 4 & 5<sup>th</sup> Oct 2013 organized by Sikkim University, Sikkim.

4) Poster presentation on National Symposium on Recent Trends in Plant and Microbial Research held on 22 & 23<sup>rd</sup> March 2003, organized by DST (FIST) & UGC-SAP Assisted DRS, Department of Botany, University of North Bengal, Siliguri, Darjeeling.

5) Participated on National Conference on Biological and Bioinformatics of Economically Important Plants and Microbes held on 17, 18 & 19<sup>th</sup> Feb 2012 jointly organized by the Department of Botany and Bioinformatics facility, University of North Bengal, Siliguri University of North Bengal, Siliguri, Darjeeling.

6) Participated in National Workshop on Bio-Physical Chemistry for Cancer Research organized jointly by St. Joseph College, Darjeeling and Darjeeling Government College, Darjeeling held on 29<sup>th</sup> to 2<sup>nd</sup> Nov 2011 at Darjeeling Government College, Darjeeling.

7) Participated in Seminar Cum Workshop on Bioinformatics held on 15<sup>th</sup> to 17<sup>th</sup> Jan 2010 at Bioinformatics Facility, University of North Bengal, Darjeeling

8) Oral presentation at NABARD and ICSSR sponsored Two Day National Seminar held on 15-16/03/2024, Theme: Sustainable Development and Environment - A Way of Self-sufficiency, Organised by: Department of Geography, Dinhata College, West Bengal.