



HADIDA YASMIN

PRESENT STATUS

Assistant Professor- Dept. of Zoology, Cooch Behar Panchanan Barma University- Joined 15th September, 2016

Vice Principal & Assistant Professor in Zoology at North Bengal St. Xavier's College (**In Lien from 14th September, 2016**)

EDUCATION

Ph.D. – University of North Bengal

Thesis title- Analysis of the Effects of *Curcuma longa* Linn on Lymphocytes and Malignant cells in Murine Model for Immunotherapy

Masters of Science

Zoology (Specialization in Immunology & Cell Biology) -2001, University of North Bengal (NBU), WB

Bachelors of Science

Zoology (Honours.)- 1998, Malda College, NBU, WB

Honours Diploma

Network- Centered Computing - (1999), Academic Council of NIIT, Malda study centre, WB

RESEARCH GRANTS & FELLOWSHIPS

Senior Research Fellow (SRF) – funded by **Indian Council of Medical Research** (ICMR, New Delhi) -11th May 2005 to 10th May 2008. *Project entitled-* Analysis of the Immunotherapeutic Response of Turmeric extract towards Malignancy, taking both Tumor cells and Lymphocytes as Targets.

Research Associate - funded by **FERN**, Gloucestershire GL56 9NQ, UK -11th May 2008 – June 2009. *Project entitled-* Social movement response to the emerging carbon market and its impact on the climate change and development debate.

Research Associate- funded by **Rosa Luxemburg Stiftung**, South Asia, October 2011-July 2012. *Project entitled-* Contributing to a reflective approach towards climate change and sustainability strategies in India

Travel Scholarship- funded by Seattle University, USA, .- 7th to 9th August, 2014, to attend International Conference on “Just Sustainability- Hope for the Commons”, Centre for Environmental Justice and Sustainability, Seattle University, USA

Fulbright-Nehru International Education Administrators Seminar 2016-17- Fellowship grant approved by the United States-India Educational Foundation from October 15th to 29th, 2016

AWARDS RECEIVED

Young Scientist Award – First Position- May 29, 2003 (Oral Presentation) National Symposium – “Assessment and Management of Bioresources” Zoology Society, Kolkata & Dept. of Zoology, NBU

Young Scientist Award – First Position- 28th Nov. 2003 (Poster Presentation) National Seminar – “Recent Advances in Stress Physiology, Toxicology and Immunology”. Dept. of Biochemistry and Biophysics, University of Kalyani.

Young Scientist Award - 25th Dec, 2003 (Poster Presentation) 5th Sass International Conference on “Emerging Concepts in Leukemia and Lymphoma”, All Indian Institute of Medical Sciences (AIIMS), New Delhi

RESEARCH PUBLICATIONS

1. Chakravarty A.K., **Yasmin H.** and Das SK. (2004): Two way efficacy of alcoholic turmeric extract : Stimulatory for Murine Lymphocytes and inhibitory for Ascitic Fibrosarcoma, *Pharmaceutical Biology*, 42 (3) : 217-224.
2. Chakravarty A.K., and **Yasmin H.** (2005): Alcoholic Turmeric Extract Simultaneously Activating Murine Lymphocytes and Inducing Apoptosis of Ehrlich's Carcinoma Cells. *International Immunopharmacology*, 5: 1574-1581.
3. Chakravarty A.K., and **Yasmin H.** (2007): Activation of Cell Mediated Immune Response and apoptosis towards malignant cells with turmeric treatment in Murine Model. *Journal of Biochemistry and Biophysics*. 45: 23-29.
4. Chakravarty A.K., and **Yasmin H.** (2008): Free Radical Scavenging and Nitric Oxide Synthase Activation in Murine Lymphocytes and Ehrlich Ascitic Carcinoma Cells treated with Ethanolic Extract of Turmeric. *Proceedings of National Academy of Sciences. India. Sect B*, 78 (I): 37-44.
5. Chakravarty A.K., Mazumder T and **Yasmin H.** (2008): Bioactive agents from herbal sources with immunopharmacological properties abating inflammation and malignancy, *Comp. Bio. Nat. Pro.* Vol. 5 – Immunomodulation & Vaccine Adjuvants, Studium Press. LLC, USA.
6. Chakravarty A.K., **Yasmin H.**, Chatterjee SN and Mazumder T and (2009): Comparison of Efficacy of Turmeric and Curcumin in Immunological Functions and Gene Expression. *International Journal of Pharmacology*. 5(6):333-345
7. Ghosh Soumitro & **Yasmin H.** (2009): India's 'Clean Development' in Upsetting the Offset- The political economy of carbon market - *MayFlyBooks*, London. 129-136
8. **Yasmin H.** and Chakravarty (2011): Turmeric accentuates cell mediated cytotoxicity towards tumor target cells in Recent Studies in Biodiversity and Traditional Knowledge in India. Gaur Mahavidyalaya, *Sarat Book*, India. 271-278.
9. **Yasmin H.** (2015): Isolation of CD4⁺ T cells through Magnetic Assorted Cell Sorter (MACS) in Contemporary Laboratory and Experiments in Zoology. APCR Govt. College, *Pages and Chapters*, India. 173-174.

PAPER PRESENTATIONS

1. *Efficacy of Ethanolic extract of Curcuma longa Linn. on lymphocyte proliferation and tumor cell growth* - May 29, **2003** National Symposium on “Assessment and Management of Bioresources- Dept. of Zoology, NBU & Zoology Society, Kolkata.

2. *Lipid peroxidation and nitric oxide production in murine lymphocytes and Ehrlich ascitic carcinoma cells treated with ethanolic turmeric extract*- 24th Nov. **2003**, 30th Annual Conference of Indian Immunology Society, New Delhi.
3. *Effect of turmeric extract on free radical generation and cell physiology as revealed by cellular morphology of murine lymphocytes and Ehrlich ascitic carcinoma cells under SEM*- 28th Nov. **2003** National Seminar on "Recent Advances in Stress Physiology, Toxicology and Immunology, - Dept. of Biochemistry and Biophysics, Univ. of Kalyani.
4. *Evaluation of Pharmaceutical potency of Ethanolic Turmeric Extract*- 15th Dec, **2003**, 5th Sass International Conference on "Emerging Concepts in Leukemia and Lymphoma", AIIMS, New Delhi.
5. *Free radical estimation as a measure to access effect of ethanolic turmeric extract on murine lymphocytes and Ehrlich ascitic carcinoma*- 16th Jan, **2004** Annual Meeting of Immunology Study Group, IICB, Kolkata.
6. *Turmeric Mediated Activation of lymphocytes and Induction of Apoptosis of Tumor cells*- **2005**. 24th Annual Convention of IACR & International Symposium on "HPV and Cervical Cancer", ICPO (ICMR), New Delhi.
7. *Activation of T cell mediated cytotoxicity and inhibition of delayed type hypersensitivity in murine model with turmeric treatment*- Nov. 17th, **2006** National Symposium on Cross-talk between Zoology and Biotechnology- Dept. of Zoology, NBU.
8. *Efficacy of ethanolic turmeric extract in immunostimulation and apoptosis of malignant cells in murine model*- 28th – 31st Jan **2007**, 33rd Indian Immunology Society Conference, AIIMS, New Delhi.
9. *Differential activity of ethanolic turmeric extract, its two isolated fractions and commercial curcumin in immunoactivation*- 1-3rd Dec, **2008** National Symposium on "Dimensions of research applications in animal sciences" - Dept. of Zoology, NBU.
10. *Landscape conservation in Darjeeling Himalayas*- 1-4 Dec, **2010**, National Conference on Evaluation of Biodiversity of Eastern Himalaya and Adjoining plains.- Dept. of Zoology, NBU & Centre for Environment and Development, Kolkata
11. *Intellectual property rights and biodiversity: Indian Perspectives*- 4-5 Feb, **2011**, National Seminar on " The exploration, protection and conservation of biodiversity and traditional knowledge"- Dept. of Botany, Gour Mahavidyalaya, Malda, WB
12. *CDM in INDIA-Is it Genuine Mitigation?*- March 13-14, **2012**, National Seminar on "Anthropogenic Toxicants, Green Chemistry, Biodiversity and Sustainable Development: An Interdisciplinary Approach, PD Women's College, Jalpaiguri, WB
13. *Serving the Community- Community College Section of NBXC*, March 3-4, **2014**, International Conference on "Strengthening Community Engagement in Higher Education Institutions"- organized by NBU, PRIA and British Council, 3-4 March, 2014 at University of North Bengal, WB.
14. *Can CDM projects lead to Sustainable Development in India? -Case Studies from various sectors* – August 7 - 9, **2014**- International Conference on "Just Sustainability- Hope for the Commons", Centre for Environmental Justice and Sustainability, Seattle University, USA.
15. *Efficacy of ethanolic turmeric extract in Immunological Functions and Gene Regulation*- February 5 – 6 **2015**- National Conference on "Bio- Sciences for 21st Century", Department of Zoology, Auxilium College, Vellore.
16. *Climate Change and CDM projects in India*- June 26 -28, **2015**- National Seminar on "Global Climate Change and its impacts on Floral, Faunal and Microbial Biodiversity", St. Joseph's College, Darjeeling, WB.
17. *Climate Change leading to Agrarian Crisis*- October 3-4, **2015**, National Seminar on "Advances in Biology: Eastern Himalayan Perspective", Kalimpong College, Kalimpong, Darjeeling.WB.

18. *Butterfly Fauna of North Bengal St. Xavier's College, Rajganj, Jalpaiguri* - December 11-12, **2015**, National Conference on "National Resources, Biodiversity and Sustainable Development", Dept. of Zoology, University of North Bengal. WB
19. *Importance of Academic Culture for Enhancement of Quality in Higher Education-* June 25-27, **2016**, National Seminar on Achieving Quality in Higher Education : Constraints, Complexities & Challenges, St. Joseph's College, Darjeeling, WB.

WORKSHOPS & TRAINING PROGRAMMES ATTENDED

1. Workshop on "**Scanning Electron Microscopy**" – 9th -12th December 2001. University Science Instrumentation Centre at University of Burdwan, West Bengal.
2. Training Programme on "**Cultivation of Medicinal Plants**" - 12 - 14 September, 2003, Department of Science and Technology, Govt. of West Bengal and NBU.
3. 12th Training course on **Immunodiagnostic for Infectious Diseases** – 6th - 11th February, 2006, Mahatma Gandhi Institute of Medical Sciences, Sevagram, Warda, Maharashtra.
4. Workshop on "**Bioinformatics**" - 7th - 9th March, 2008. Bioinformatics Facility, Dept. of Botany, University of North Bengal, WB
5. **Continued Education Program for Teaching Staff-** 1st - 31st March, 2011. NB St. Xavier's College, Rajganj, WB.
6. UGC-Sponsored "**Teacher's Orientation Program**", 1st - 28th March 2013 Academic Staff College, University of North Bengal. WB, (Score-**Grade A**)
7. Workshop on "**Writing Successful Projects**"- 22nd - 24th July 2013. All Indian Association for Christian Higher Education (AIACHE), New Delhi.
8. "**31st Community College Teachers Training Programme**"- 4th - 9th November, 2013. Indian Centre for Research and Development of Community Education (ICRDCE), Chennai.
9. **Inter-Institutional Faculty Exchange Programme (IIFEP)-** 17th - 25th November, 2014, All Indian Association for Christian Higher Education (AIACHE), New Delhi
10. **Faculty Development Program (FDP)-** 11th – 12th September, 2015, Sikkim and West Bengal Jesuit College Principals Association (SWBJCPA) at North Bengal St. Xavier's College.
11. Workshop on "**Human Values Development Programme (HVDP)**"- 18th November, 2015, St. Xavier's College, Kolkata in collaboration with AIACHE, New Delhi.
12. Higher Education sponsored Workshop on "**Contemporary Laboratory and Field Courses in Zoological Science**"- 22nd November - 1st December, 2015. Department of Zoology, APC Govt. College, Siliguri, WB.
13. West Bengal State Council of Higher Education sponsored Workshop on "**Orientation/ Awareness Programme on NAAC accreditation**" – 6th April, 2015, University of North Bengal, WB.

REPORTS & DOCUMENTS PUBLISHED

1. *Commons lost and "gained"? Forest Tenures in The Jungal Mahals of South West Bengal-* Oct 2007- The Overseas Development Group. University of East Anglia. UK.

2. *"The Indian CDM- Subsidizing and Legitimizing Corporate Pollution*, Nov 2011, NFFPFW & NESPON

BOOKS PUBLISHED

1. Co-author of the book, **CARBON BANIJYO- Jalbayu Poribartoner Rajniti O Bharot**. 2008. (In Bengali), published by Nagarik Mancho (Kolkata) and NESPON, (Siliguri) [*A book on CARBON TRADING- Climate change and its impact in India*]
2. Dutta S, Ghosh S, Gopalakrishnan S, Bijoy CR and Yasmin H (2013) in **Climate Change And India: Analysis of Political Economy and Impact**. Daanish Books, New Delhi.

INVITED LECTURES DELIVERED

1. Is Carbon Trade an acceptable solution to combat Climate Change

Interactive workshop on development, displacement and climate change: an attempt to coordinate resistances against, and alternatives to, the present model of development.- 30-31st August 2008, - Nagarik Mancha, Kolkata, and NESPON, Siliguri WB, INDIA.

2. Critical Perspective of CDM in India

International workshop on Clean Development mechanism(CDM) for NGO's, Activist and Citizens- 16th Nov, 2009- India International Centre, New Delhi, INDIA- organized by CDM watch, Koblenzer Straße 65 . 53173 Bonn, Germany

3. Agrarian crisis, climate change and the state response

Interactive Workshop- 14th December, 2012- organized by Centre for International Co-Operation (Rosa Luxemburg Stiftung, South Asia Office), New Delhi

4. Impact of climate change on Agriculture in a Green Revolution Scenario: A special reference to West Bengal

National Seminar on "Challenges in Agriculture, Environment and Rural Development in West Bengal since Independence" -15-16 March, 2013 - organized by UGC-SAP (DRS-I) Department of Economics & Politics, University of Visva-Bharati, Santiniketan, WB

TEACHING EXPERIENCES

Lecturer Full Time- Dept. of Microbiology, Siliguri College, Siliguri, WB India – June 2004- May 2005

Visiting lecturer - Dept. of Microbiology, Siliguri College & Raiganj College, NBU, Siliguri West Bengal, - June 2005- May 2006

Lecturer Part-time- Dept. of Zoology, Malda College- November 2009 to April 2010

Assistant professor-

- Dept. of Zoology, North Bengal St. Xavier's college, Rajganj, Jalpaiguri, WB-July 2010 onwards

- Dept. of Microbiology- North Bengal St. Xavier's college, Rajganj, WB-July 2013 onwards

Academic Counselor (Life Sciences)- Indira Gandhi National Open University (IGNOU)- July 2012- still continuing

Career Counselor & IELTS Trainer- Global Education Service, Siliguri, WB (<http://www.india-ges.com>) September, 2008 – still continuing

ADMINISTRATIVE EXPERIENCES

- **Vice Principal-** North Bengal St. Xavier's College- Since July 2013
- **Coordinator (Head) -** Dept. of Zoology, North Bengal St. Xavier's College- July 2011 to June 2013
- **Coordinator (Head) -** Dept. of Microbiology, North Bengal St. Xavier's College- July 2013 to June 2014
- **Coordinator -Community College-** Since June 2012
- **Governing Body** member of NBXC since 2012
- **Convener** of Admission Committee, Examination Committee, Career and Placement Cell, Women's Cell, Research & Documentation Cell and Internal Quality Assessment Cell of North Bengal St. Xavier's College (NBXC)
- **President-** Creative Pulse Welfare Society (NGO), Malda- From 2012 - still continuing
- **Head Examiner, Question Paper Setter, Answer script Evaluator and Practical Examiner** of Zoology and Environmental Studies Undergraduate Examination of NBU and Gour Bango University
- **Organizing Secretary/Convener** of different events at North Bengal St. Xavier's College
 - National Seminar on Addressing Climate Change-Challenges and Opportunities- 30th January, 2012 in collaboration with NESPOL, Siliguri
 - Self-Defence Workshop for Girls, August & September, 2012, 19TH & 21st November, 2013 and February, 2016
 - Regional Workshop on Bioinformatics, 1st December, 2012 and in 18th September, 2014 in collaboration with NBU
 - International Educational Career Fair, 30th September, 2013 in collaboration with Global Education Service, Siliguri
 - Workshop on Zoology New Practical Syllabus (Part-I) of University of North Bengal, 8th November, 2014
 - 2nd Microteaching Workshop, March 23rd to 2nd April, 2015
 - Workshop on Zoology New Practical Syllabus (Part-II) of University of North Bengal, 10th October, 2015
 - International Mother Language Day, 16th Feb, 2016 in collaboration with St. Xavier's College, Kolkata
 - Sharing Research Experiences for Teaching staff of NBSXC, 5th April to 12th April, 2016
- **Centre Coordinator** for conducting UGC-NET examination, 10th July, 2016 at NBSXC
- **NAAC Coordinator** of NBXC

Hobbies: Sports & Yoga (School and University level athlete champion); Gardening and Painting

Dr. Hadida Yasmin