

## Curriculum vitae

**Name:** Dr. Waliza Ansar

**Husband's name:** Dr. Sk. Hasan Habib

**Address:** 57, Dhalipara Road, Haridevpur Mission More, Larica Tolly Flat A401, Kolkata-700104

**Contact No:** 9830837532

**Date of birth:** 16<sup>th</sup> June, 1977

**Designation:** Assistant Professor, Behala College, Calcutta University

### **Academic qualification:**

<b>Examination passed</b>	<b>Board/University</b>	<b>Year of passing</b>	<b>Percentage of marks obtained</b>	<b>Comments</b>
Madhyamik	W.B.B.S.E	1994	79.5%	First Division
H.S.	W.B.C.H.S.E	1996	67%	First Division
B. Sc Zoology(H), Chemistry & Botany (pass)	Calcutta University	1999	61.13%	First Class First Division
M. Sc (Zoology)	Calcutta University	2002	62.4%	First Class
Ph.D	Jadavpur University	2009		Ph.D in Science

### **Ph.D:**

(i). Title of Ph.D thesis: Human C-reactive protein: Its potential role in different pathological conditions

(ii). Thesis awarded: December, 22<sup>nd</sup> September, 2009

(iii). Guide: Dr. Chitra Mandal, Director, IICB

Infectious Diseases and Immunology Division, Indian Institute of Chemical Biology (I.I.C.B), 4, Raja S.C Mullick Road, Jadavpur, Kolkata -700 032, INDIA

### **Fellowships/Awards:**

(i). National Scholarship for Madhyamik Examination, 1994

(ii). State level Eligibility Test (SLET) in Life sciences, 2001

(iii). National Eligibility test (CSIR-NET) in Life Sciences, 2002, December

(iv). CSIR-JRF in I.I.C.B from 2003-2005

(v). Qualified the Ph.D course work examination in I.I.C.B, 2004

(vi). CSIR-SRF in I.I.C.B from 2005-2008.

(vii). Project Associate Level-1 (ICMR) in I.I.C.B from May, 2010 –March, 2011

(viii). CSIR-RA in I.I.C.B from April, 2011-March, 2012

**Teaching experiences:**

- (i). Six months teaching experience to graduate and post graduate students (theoretical and practical) in Presidency College, Kolkata from 2002-2003.
- (ii). Teaching experience to post graduate students (theoretical and practical) of Zoology in Asutosh College, Kolkata from July 2009-December 2014.
- (iii). Teaching experience to post graduate students (theoretical and practical) of Environmental Science in Asutosh College, Kolkata from July 2009-2018.
- (iii). Teaching experience to NET and SLET aspirants (preparatory courses) of Life Sciences in Asutosh College Training Center, Kolkata from 2010-2014.
- (iv). Teaching experience to graduate students (theoretical and practical) of Zoology in Baghajatin Sammilani College, Kolkata from 2012-2014.
- (v). Teaching experience to post-graduate students (theoretical) of Environmental Studies in Rabindra Bharati Open University, Kolkata from 2015-till date.

**International Presentations:**

- (i). **Waliza Ansar**, Sumi Mukhopadhyay, Shyamasree Basu, SK. Hasan Habib, Bibhuti Saha, Chhabinath Mandal and Chitra Mandal. Disease-associated glycosylated molecular variants of human C-reactive protein activate complement-mediated hemolysis of erythrocytes in tuberculosis and Indian Visceral leishmaniasis. 7<sup>th</sup> International Symposium on biochemical roles of eukaryotic cell surface macromolecules. Puri (India), January, 2005.
- (ii). Chitra Mandal, **Waliza Ansar**, Sumi Mukhopadhyay, Tanusree Das, Avijit Dutta, Shyamasree Ghosh, Shyam Sundar. Glycosylation of human C-reactive protein (CRP) modulates their biological role. 20<sup>th</sup> International symposium on glycoconjugates (GLYCO XVIII), Florence (Italy).
- (iii). Aniruddha Maity, **Waliza Ansar**, Shyamasree Ghosh, Atanu Naskar, Surajit Hazra, Vikas Kumar and Dhriti Banerjee. Biology, Ecology, Evolution, Taxonomy and Biochemical study of *Tabanus striatus*: A vector of medico-veterinary importance. 83<sup>rd</sup> SBC (Society of Biological Chemist), Bhubaneswar January 2015.
- (iv). Diversity of Diptera along an altitudinal gradient in the western Himalayas: a case study in the kalatop-Khajjiar Wildlife Sanctuary, Himachal Pradesh. Jayita Sengupta, Aniruddha Maity, **Waliza Ansar**, Shyamasree Ghosh, Atanu Naskar, Surajit Hazra, and Dhriti Banerjee. Evolution: Molecules to Life 83<sup>rd</sup> Annual Meetings of Society for Biological Chemists (I) 18<sup>th</sup> to 21<sup>st</sup> December 2014. P20-009. Environmental Biology, pp 5.

(v). Sheikh Hasan Habib, **Waliza Ansar**, Julie Bhattacharyya, Sourabh Roy. Blood pressure changes in pregnant mothers undergoing spinal anaesthesia at L2-L3 or L3-L4 levels followed by planned Lower Uterine Caesarian Section (LUCS) : A comparative study. Young Scientist Conference as part of 'India International Science Festival'.5-8 November, 2019. *Corresponding author.*

(vi). **Waliza Ansar**. Inflammation:A key process in diseases. One- day International Symposium on Elements of Periodic Table in the Chemical Avenues of Biological World celebrating International Year of Periodic Table (IYPT). 17 December, 2019.South Calcutta Girls' College, Kolkata.

(vii). **Waliza Ansar** and Sheikh Hasan Habib (oral presentation). Role of acute phase reactants: study in diabetic and non diabetic patients suffering from sepsis. Two- day International Symposium on International Conference on Sustainable Environment & Healthcare (ICSEH 2019), 21-22 December, 2019.Gandhi Bhawan, Jadavpur University, Kolkata.

(viii). **Waliza Ansar**. C-reactive protein: Diagnostic marker of Inflammation? Two-day International Seminar entitled "*Innovation, Expansion, Impacts and Challenges in Chemical and Biological Sciences (ICBS-2020)*", 8<sup>th</sup> & 9<sup>th</sup> January, 2020, Surendranath College, Kolkata(Poster presentation).

(ix). **Waliza Ansar**. Dancing therapy for Down syndrome: Benefits in emotional well-being and quality of life. Two Days International Conference On Down syndrome research: Indian Initiatives in Global Perspective; February 11-12, 2020. Supported by Department of Zoology, University of Calcutta; Zoological Society of Kolkata and Trisomy 21 Research Society (T21RS) (Poster presentation).

(x). **Waliza Ansar**. Inflammation, acute phase proteins and C-reactive protein. Two day international seminar on Sustainable Development and Inclusive Growth: Methods to Methodology; 3rd and 4th March,2020. Organised by Lady Brabourne College, Kolkata(Oral presentation).

(xi). **Waliza Ansar** and Arkadeep Mitra .Phytomedicines: Novel treatment strategies for Biofilm associated infections. Two day International webinar on biodiversity and sustainable development in human welfare; participated on 29-30 july,2020(phase I) and Oral presentation (online) 19-23 August 2020 (Phase II).

(xii). **Waliza Ansar** and Moumita Jana. Avian Diversity in Chupi Wetlands and Ox-bow lake, Purbasthali, West Bengal. One day international seminar on Journey from student to research scientist: Past and Present Organised by Mashisadal Raj College; 17<sup>th</sup> January, 2020 (Poster presentation).

(xiii). Sahita Karmakar, Mr. Rohit Chakraborty and **Dr. Waliza Ansar**. Insect pheromone: a tool in agricultural pest management. *3-Day International e-Conference (ESDPPM)* on Environment and Sustainable Development: Problems, Prospects and mitigation Date: 25, 26 & 27th November, 2021 (Oral presentation, online on 26.11.2021)

(xiv) Waliza Ansar. C reactive protein: Friend or Foe? Government College Degana Nagaur (Rajasthan) Organizing Online International Conference on “Recent Advancement in Science, Engineering, Management & Humanities” in association with Advance Research Educational Society (ARES), 18-19 December 2021 (oral presentation).

#### **Organising seminar (As Secretary):**

To observe National Immunisation Day in India 2021 on 31st January Sunday, Dr. Deba Prasad Sarkar Memorial Lecture was delivered online by Dr Sumit K. Poddar, Vice President of Dr Tarak Nath Podder Memorial Foundation. It was organised by Dr Tarak Nath Podder Memorial Foundation and Zoology Department, Behala College.

#### **National Presentations:**

(i). Garima Hore, Panchanan Parui, **Waliza Ansar**, Jayita Sengupta and Dhriti Banerjee. Record of some forensically important dipteran species from domestic cat (*Felis catus*) carcass from West Bengal, India. Recent advances in biological sciences (RABS), UGC-sponsored National level Seminar. 17-18<sup>th</sup> February, 2017, Gurudas College, Kolkata, West Bengal.

(ii). **Waliza Ansar**. Liposomal Nanomedicine in Diseases. Two-Day National Seminar on Emerging Frontiers in Material Science (EFMS) organized by Behala College. 15-16<sup>th</sup> February, 2019, Behala College, Kolkata, West Bengal.

#### **State Level Participation:**

(i). Attended UGC Sponsored State Level Seminar On 'Environmental Pollution: Causes, Impacts & Control'. April 25, 2015. The Bhowanipur Education Society College.

#### **Awards:**

- i) Awarded third prize in 7<sup>th</sup> International Symposium on biochemical roles of eukaryotic cell surface macromolecules. Puri (India), January, 2005.
- ii) Awarded first prize in 83<sup>rd</sup> SBC, Bhubaneswar January 2015
- iii). Awarded for best paper presentation on Two- day International Symposium on International Conference on Sustainable Environment & Healthcare (ICSEH 2019), 21-22 December, 2019. Gandhi Bhawan, Jadavpur University, Kolkata. **Waliza Ansar and Sheikh Hasan Habib (oral presentation)**. Role of acute phase reactants: study in diabetic and non diabetic patients suffering from sepsis.

**Published or accepted papers:**

- (i). **Waliza Ansar**, Sumi Mukhopadhyay nee Bandyopadhyay, Suchandra Chowdhury, SK. Hasan Habib and Chitra Mandal. Role of C-reactive protein in Complement-mediated hemolysis in Malaria. *Glycoconj J.* **2006**.23:233-240.
- (ii). **Waliza Ansar**, SK. Hasan Habib, Samir Roy, Chhabinath Mandal and Chitra Mandal. Unraveling the C-reactive protein complement-cascade in destruction of red blood cells: Potential pathological implications in *Plasmodium falciparum* malaria. *Cellular. Physiol. Biochem.* **2009**.23:175-190.
- (iii). **Waliza Ansar**, Sumi Mukhopadhyay, Shyamasree Basu, SK. Hasan Habib, Bibhuti Saha, Asish Kumar Sen, Chhabinath Mandal and Chitra Mandal. Disease-associated glycosylated molecular variants of human C-reactive protein activate complement-mediated hemolysis of erythrocytes in tuberculosis and Indian Visceral leishmaniasis, *Glycoconj J.* **2009**.26:1151-1169.
- (iv). **Waliza Ansar** and Shyamasree Ghosh. C-reactive protein and disease biology. *Immunologic Research*, **2013**. 56(1):131-42.
- (v). **Waliza Ansar** and Shyamasree Ghosh. Monoclonal Antibodies: A tool in Clinical Research. *Indian J of Clinical Medicine*, **2013**.4:9-21.
- (vi). Shyamasree Ghosh and **Waliza Ansar**. Indoor Air Pollution: Impact of health and stem cells. *Journal of stem cells*. **2014**.9 (4):269-281. ISSN: 1556-8539. H-index:8. INDEXED IN PUBMED / MEDLINE/Scopus.
- (vii). Abesh Chakraborty, **Waliza Ansar**, Shyamasree Ghosh, Dhriti Banerjee. The first report of the life cycle of *Sarcophaga (L) dux* on dead reptilian carcass: Their application as forensic indicators. *Sch. Acad. J. Biosci.*, **2014**. 2(11): 731-739. ISSN 2321-6883 (Online). ISSN 2347-9515.
- (viii). Sheikh Hasan Habib, **Waliza Ansar**, Shyamasree Ghosh, and Achintya Kumar Das. The Rare Association of *Enterobius vermicularis* Infestation Causing Acute Appendicitis in Children:

A Case Report and Review of the Literature. Sch. J. App. Med. Sci., **2015**. 3(1A):38-44. ISSN 2320-6691 (Online). ISSN 2347-954X (Print).

(ix). Abesh Chakraborty, Dhriti Banerjee, Shyamasree Ghosh, **Waliza Ansar**. Thermophilic pupal endoparasitoids : *Brachymeria minuta* (Hymenoptera: Chalcididae) on forensic indicator *Sarcophaga (Parasarcophaga) albiceps*. Prommalia Journal. Pg 85-94. Journal for Zoological Taxonomists. Vol 3. **2015**. ISSN (Print) 2320-4311. Scopus

(x). Dhriti Banerjee, Shyamasree Ghosh, **Waliza Ansar**. Medical and Veterinary Entomology: The good and bad flies that affect human and animal life. Sch J Agric Vet Sci 2015; 2(3B):220-239. 2348-8883 (Print) & 2348-1854 (Online)

(xi). Abesh Chakraborty, Shyamasree Ghosh, **Waliza Ansar** , Dhriti Banerjee. Developmental analysis of immature stages of *Sarcophaga (Parasarcophaga) albiceps* Meigen, 1826 (Diptera: Sarcophagidae) on *Gallus gallus* carcass: Their applications as forensic indicators. IOSR Journal of Agriculture and Veterinary Science (IOSR-JAVS) e-ISSN: 2319-2380, p-ISSN: 2319-2372. Volume 8, Issue 8 Ver. II (Aug. 2015), PP 79-89.

(xii). Garima Hore, Aniruddha Maity, Atanu Naskar, **Waliza Ansar**, Shyamasree Ghosh, Goutam Kumar Saha, Dhriti Banerjee. Scanning electron microscopic studies on antenna of *Hemipyrellia ligurriens* (Wiedemann, 1830) (Diptera: Calliphoridae)—A blow fly species of forensic importance. Acta Tropica 172 (2017) 20–28. ISSN: 0001-706X.

(xiii). Shyamasree Ghosh, **Waliza Ansar**, Dhriti Banerjee. Morphological and Molecular identification of crime reporter flies in Forensic entomology. Indian Journal of Entomology, **80**(2): 158- 176 (2018) DOI No. : 10.5958/0974-8172.2018.00100.1. ISSN: 0367-8288. Indian Citation Index – Research Impact Indicator: 0.045. Print ISSN: 0367-8288. Online ISSN: 0974-8172

(xiv). Shyamasree Ghosh and **Waliza Ansar**. Ebola hemorrhagic fever: present status of a neglected tropical zoonotic disease. Journal of. Applied. Zoological. Researches. (2019) 30(2): 133-147. (2019) 30(2): 133-147. ISSN 0970-9304 dec 2019

(xv). **Waliza Ansar** and Sheikh Hasan Habib. Role of acute phase reactants: study in diabetic and non diabetic patients suffering from sepsis. Int J Adv Life Sci Res. 2020. Volume 3(2)40-49. Online ISSN: 2581-4877.

(xvi). Waliza Ansar. Periscopic View on COVID 19 Infection: A Review. *Int J Adv Life Sci Res*. 2020. Volume 3(3) 01- 15. Online ISSN: 2581-4877.

(xvii). Sahita Karmakar, Rohit Chakraborty and **Waliza Ansar**. Insect Pheromone: A tool in agricultural pest management. *Indian J. Applied & Pure Bio*. Special Volume 11-23 (2021). ISSN: 0970-2091.

**International Book chapters:**

(i). Shyamasree Ghosh and **Waliza Ansar**. Multidynamic Liposomes in Nanomedicine: Technology, Biology, Applications, and Disease Targeting. Springer International Publishing Switzerland. 2015. Chapter 9 (Part II) in the book Nanoparticles' Promises and Risks - Characterization, Manipulation and Potential Hazards to Humanity and the Environment. Editors: Lungu, M., Neculae, A., Bunoiu, M., Biris, C. (Eds.). ISBN 978-3-319-11728-7. Pg 167-213.

(ii).Waliza Ansar. C-reactive protein: Diagnostic marker of Inflammation? Modern approaches in Chemical and Biological sciences . Published by Lincoln University College, Malaysia. 2020. ISBN : 978-967-16798-7-6 [ doi:10.31674/book.2020.macbs].

**International Books:**

(i). **Waliza Ansar** and Shyamasree Ghosh. Biology of C Reactive Protein in Health and Disease. ISBN 978-81-322-2678-9. Springer.2016.

(ii). **Waliza Ansar** and Shyamasree Ghosh. **Clinical Significance of C-reactive Protein**. ISBN 978-981-15-6787-2. Springer 2020 .