Bio-data of DR. SANJOY PODDER

Profession of the Applicant		Professor, Department of Zoology The University of Burdwan, Golapbag, Burdwan-713104
Broad Area of Research		Ecology and Molecular Allergology Carrying out research on Aero-allergy and Food allergy in immunological and molecular aspects. Ecological work on mites infesting tea, medical and aromatic plants.
Name	:	**PROF. (DR.) SANJOY PODDER**
Nationality		Indian
Address for Correspondence		Department of Zoology The University of Burdwan Golapbag, Burdwan-713104
Home Address	:	63B, Mahajati Road, Kolkata-700028
Date of Birth	:	13-09-1978
Gender		Male
Religion		Hinduism
Marital Status		Married
E-mail	:	skpzoo2@rediffmail.com

Education:

Examination Passed	**Year**	**Institution**	**Remark**
M.Sc (Zoology)	2002	University of Calcutta	**1st Division**
Ph.D	2008	University of Calcutta	Studies on the house dust mites of Kolkata in relation to nasobronchial allergic disorders
Qualified SLET conducted by WBCSC, 2003			

Teaching Experience: Position and Employment

SL.NO.	Institution Place	Position	From(Date)	To (Date)
1.	Post Graduate Department of Zoology, Darjeeling Govt. College	Assistant Professor of Zoology	28.11.2006	05.05.2010
2.	Post Graduate Department of Zoology, Barasat Govt. College	Assistant Professor of Zoology	07.05.2010	27.11.2018
3.	Post Graduate Department of Zoology, Barasat Govt. College	Associate Professor of Zoology	28.11.2018	20.07.2020
4.	Department of Zoology, The University of Burdwan, Golpabag	Associate Professor of Zoology	21.07.2020	27.11.2021
5.	Department of Zoology, The University of Burdwan, Golpabag	Professor of Zoology	28.11.2021	Till date

Honors and Fellowship Received

1. UGC Junior and Senior Fellowship.

Research Supervision

Sl. No.	Name of the Scholar	Title of the thesis	Designation	Status	Year
1	**Priti Mondal**	Association studies of susceptible genetic variants of IL18 and TGF-β1 with house dust mites induced asthma among population of West Bengal, India	WBDBT fellow	Awarded	2021
2	**Piu Banerjee**	Diversity, Biosystematics And Management Of Mites Infesting Tea Plantations Of Himalayan And Sub-Himalayan Regions Of West Bengal, India	WBDST fellow	Submitted	2021
3	**Arghya Laha**	Identification Of Susceptible Genetic Variants Associated With Food Allergy Within Population Of West Bengal, India	CSIR fellow	Submitted	2021
4	**Indrani Samaddar**	……	WBDST fellow	Registered	
5	**Indranil Ganai**	……	SERB project fellow	……	
6	**Debanjanli Chakraborty**	……	SVMCM fellow	…….	
7	**Saheen Sultana**	……	CSIR fellow	…….	
8	**Nasima Sulatana**	……	MANF fellow	…….	

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Publications: (***Corresponding Author)**

1. Arghya Laha, Srijit Bhattacharya, Saibal Moitra, Nimai Chandra Saha, Himani Biswas, **Sanjoy Podder* (2022).** Assessment of egg and milk allergies among Indians by revalidating a food allergy predictive model. **World Allergy Organization Journal. 15: 100639 (Elsevier). I.F. 4.084**

2. Indrani Samaddar, **Sanjoy Podder*,** Santanu Chakrabarti, Himani Biswas **(2021).** Predatory mites fauna on medicinal and aromatic plants from Sundarban Biosphere Reserve, West Bengal, India. **Acta Biologica Szegediensis. 65(2): 247-260.**

3. Piu Banerjee, Arghya Laha, Indrani Samaddar, Himani Biswas, Debjani Sarkar, Sovan Roy, Goutam Kumar Saha, **Sanjoy Podder* (2021).** Acaricidal activity of nishinda (*Vitex negundo*) leaf and garlic (*Allium sativum*) bulb extract against red spider mite, *Oligonychus coffeae* (Acari: Tetranychidae) in tea plantations of Darjeeling hill, West Bengal, India. **Acta Biologica Szegediensis. 65(1): 59-64.**

4. **Sanjoy Podder*,** Himani Biswas, Goutam Kumar Saha **(2021).** A faunistic survey of house dust mites of Kolkata, West Bengal, India. **Acarological Studies. 3(1): 22-31.**

5. Arghya Laha, Amlan Ghosh, Saibal Moitra, Himani Biswas Nimai Chandra Saha, Srijit Bhattacharya, Goutam Kumar Saha, **Sanjoy Podder* (2020).** Association of HLA-DQ and IL13 gene variants with challenge-proven shrimp allergy in West Bengal, India. **Immunogenetics (Springer). 72: 489-498. I.F.: 2.846**

6. Arghya Laha, Amlan Ghosh, Saibal Moitra, Ishita Saha, Goutam Kumar Saha, Srjit Bhattacharya and **Sanjoy Podder* (2020).** Association of STAT6 rs3024974 (C/T) polymorphism with IgE mediated food sensitization among West Bengal population in India. **International Archives of Allergy and Immunology (Karger Publications). 181: 200-210. I.F.: 2.749**

7. Arghya Laha, Tania Sarkar, Debarati Dey, Priti Mondal, Srjit Bhattacharya,Saibal Moitra, Goutam Kumar Saha, and **Sanjoy Podder* (2020).** Assessment of Hymenoptera and Non-hymenoptera insect bite and sting allergy among patients of tropical region of West Bengal, India. **Journal of Medical Entomology (Oxford Publication). 57:1-7. I.F.: 2.278**

8. Piu Banerjee, Md Moinul Islam, Arghya Laha, Himani Biswas, Nimai Chandra Saha, Goutam Kumar Saha, Debjani Sarkar, Srijit Bhattacharya and **Sanjoy Podder*(2020).** Phytochemical analysis of mite infested tea leaves of Darjeeling Hills, India. **Phytochemical Analysis (Wiley). 31: 277-286. I.F.: 3.373.**

9. Priti Mondal, Debarati Dey, Nimai Chandra Saha, Saibal Moitra, Goutam Kumar Saha, Srijit Bhattacharyya, and **Sanjoy Podder*(2019).** Investigation of house dust mite induced allergy using logistic regression in West Bengal, India. **World Allergy Organization Journal. 12: 100088 (Elsevier). I.F: 4.084.**

10. Debarati Dey, Goutam Kumar Saha and **Sanjoy Podder*(2019).** A review of house dust mite allergy. **Experimental and Applied Acarology. (Springer). 78:1-14. I.F.: 2.132**

11. Priti Mondal, Debarati Dey, Arghya Laha, Tania Sarkar, Saibal Moitra Srijit Bhattacharyya, Goutam kumar Saha and **Sanjoy Podder*(2019).** Evaluation of sensitivity towards storage mites and house dust mites among allergic rhinitis patients from the city of Kolkata, India. **Journal of Medical Entomology. (OxfordPublication). 56: 347-352. I.F.: 2.278.**

12. Debarati Dey, Priti Mondal, Arghya Laha, Tania Sarkar, Saibal Moitra, Srijit Bhattacharyya, Goutam Kumar Saha and **Sanjoy Podder*(2019).** Sensitization to common aero-allergens in the atopic population of West Bengal, India: An investigation by Skin Prick Test. **International Archives of Allergy and Immunology (Karger Publications). 178:60-65. I.F: 2.749**

13. Amlan Ghosh , Shampa Dutta, **Sanjoy Podder*,** Priti Mondal, Arghya Laha, Nimai Chandra Saha, Saibal Moitra and Goutam Kumar Saha **(2018).** Sensitivity to house dust mites allergens with atopic asthma and its relationship with CD14 C(-159T) polymorphism in patients of west Bengal, India. **Journal of Medical Entomology, 55(1): 14-19. I.F.: 2.278 (Oxford Publications)**

14. Shampa Dutta, Priti Mondal, Nimai Chandra Saha, Saibal Moitra, **Sanjoy Podder*,** Amlan Ghosh, Goutam Kumar Saha **(2017).** Role of offending out-door aeroallergen and CD14 C(-159T) polymorphism in development and severity of asthma in a kolkata patient population. **African Health Sciences. 17(4): 1101-1109. I.F.: 0.868.**

15. **Sanjoy Podder*,** Himani Biswas, Amlan Ghosh and Salil Kumar Gupta **(2017).** Life cycle of red palm mite, R*aoiella indica*, Hirst (Acari: Tenuipalpidae) on coconutleaves. **ZOOS' PRINT, 32(12): 10-13**
16. **Sanjoy Podder* (2016).** Life cycle of *Eutetranychus orientalis* (Acari) on leaves of *Tabernaemontana coronaria* (Klein) in West Bengal, India. **International Journal of Scientific Research, 5(4): 33-34.**
17. Shampa Dutta, **Sanjoy Podder*** and Gouta Kumar Saha **(2016).** The Analysis of Skin Prick Test results to mold allergens in some patients suffering from nasobronchial allergy in Kolkata Metropolitan**. International Journal of Scientific Research, 5(1): 274-275.**
18. **Sanjoy Podder*,** Himani. Biswas, Goutam Kumar Saha and Salil Kumar Gupta **(2014).** Life cycle of *Oligonychus coffeae* (Acari: Tetranychidae) on tea leaves in Darjeeling, West Bengal, India. **Animal Biology 64: 395-400. IF: 1.475**
19. **Sanjoy Podder,** Shampa Dutta, Amlan Ghosh and Goutam Kumar Saha **(2014).** Fruits and vegetables sensitivity among Kolkata population, India. **Aureole**, **5(1): 97-102.**
20. **Sanjoy Podder,** Salil Kumar Gupta and Goutam Kumar Saha (**2010**)**.** Incrimination of Blomia tropicalis as a potent allergen in house dust and its role in allergic asthma in Kolkata Metropolis, India. **Journal of World Allergy Organisation (Elsevier)** May: 182-187. **I.F.: 4.084**
21. **Sanjoy Podder,** Salil Kumar Gupta and Goutam Kumar Saha (**2010**). House dust mites in relation to different habitat conditions in Kolkata Metropolis, India. **Acarina (Russia),** 18(1): 91-95.
22. **Sanjoy Podder,** Salil Kumar Gupta and Goutam Kumar Saha (**2009**)**.** Seasonal prevalence of allergenic house dust mite in Kolkata metropolis, India. **Aerobiologia** (**Springer). 25(1): 39-47**. **I.F: 2.410**
23. **Sanjoy Podder,** Himani Biswas**,** Salil Kumar Gupta and Goutam Kumar Saha (**2009**)**.** Life cycle of house dust mite Dermatophagoides pteronyssinus (Acari: Pyroglyphidae) under laboratory conditions in Kolkata metropolis. **Acarina** (**Russsia), 7(2): 239-242.**
24. **Sanjoy Podder,** Salil Kumar Gupta and Goutam Kumar Saha (**2009**)**.** Description of two new species of dust mites from Kolkata, India. **Proc. zool. Soc.(Springer), 62 (1): 45-49.**

25. **Sanjoy Podder,** Indrani Chowdhury, Arijit Das, Salil Kumar Gupta and Goutam Kumar Saha **(2006).** Immediate hypersensitivity to common inhalants- An investigation of nasobronchial allergy patients in Kolkata, India. Allergy & Clinical Immunology International-J World Allergy Organization, **18: 114-119. I.F: 4.084 (Converted into World Allergy Organization Journal) (Elsevier).**
26. **Sanjoy Podder,** Salil Kumar Gupta and Goutam Kumar Saha (**2006**). Description of a new species of Grallacheles De Leon (Acari: Cheyletidae) from floor dust in India. **ENTOMON 31(4): 333-338.**
27. **Sanjoy Podder,** Salil Kumar Gupta and Goutam Kumar Saha (**2005**). Some new species and new records of dust mites from Kolkata, India. **Rec. zool. Surv. India. 104 (3 & 4) : 1-6.**
28. Sudipta Chowdhury, Indranil Roy, **Sanjoy Podder,** Salil Kumar Gupta and Goutam Kumar Saha (**2005**). Diversity of synanthropic mites of Kolkata metropolis, India. **Rec. zool. Surv. India. 104 (3 & 4) : 151-159.**
29. Samheeta Lahiri, Indranil Roy, **Sanjoy Podder,** Salil Kumar Gupta and Goutam Kumar Saha (**2005**). Notes on phytophagous and predatory mites of medicinal plants of Kolkata. **ZOOS' PRINT JOURNAL. 20(7): 1931-1932.**
30. Samheeta Lahiri, **Sanjoy Podder,** Salil Kumar Gupta and Goutam Kumar Saha (**2004**). Diversity of phytophagous and predatory mites occurring on medicinal plants in Kolkata metropolis. **Proc. Zool. Soc., Calcutta. 57(1) : 47-52.**

Chapter Published in Books:

1. **Sanjoy Podder (2015) "** Protocols for Skin Prick Test for assessment of Immediate Hypersensitivity" in Contemporary Laboratory and Field Experiments in Zoology, Published by Pages Chapters, Kolkata, India (ISBN No. 978-81-8211-128-8); pp. 126-132.
2. Arghya Laha, Srjit Bhattachryya and **Sanjoy Podder (2018).** Food Allergy in India- An overview. Published by Kabitika. (ISBN No.: 978-93-87602-66-3)pp. 99-105.

International Conference Participated and presented paper:

1. Role of house dust mite and CD14 (C-159T) polymorphism in development of asthma among West Bengal population, India. **Presented paper in the International Congress of Allergy, 2nd September, 2018 to 8th September, 2018, Antalya, Turkey. (International)**
2. Diversity of mites infesting tea plants in different Darjeeling Tea Estate, West Bengal, India (Paper presented). **INTZOOCON-2018.** Department of Zoology, University of Calcutta in collaboration with The Zoological Society, Kolkata **(International)**
3. Studies on the role of CD14 polymorphism among pollen and mold induced asthmatics of Kolkat" was presented at **World Allergy Congress**, **Seoul, Korea, 14th to 17 th October,2015. (International)**
4. Diversity of house dust mites in relation to nasobronchial allergic disorders among Kolkata population, India. **International Conference on Environment and Ecology, Kolkata, 2-4th March, 2015. (International)**
5. Incrimination of *Blomia tropicalis* as a potent allergen in Indian house dust. **World Allergy Congress, Bangkok, 2-6 December, 2007 (International)**

List of Papers presented in National Conference / Seminar etc.

1. House dust mite sensitivity among asthmatic patients of Kolkata. Department of Zoology, University of Calcutta (2004). (**National)**
2. Incidence of Dust mite allergy among Kolkata population, Bangabasi College (2005). (**National)**
3. Hypersensitivity to pollen and molds among kolkata population. 13th West Bengal science Congress at University of Calcutta (2006). (**National)**
4. Incidence of hypersensitivity reaction against fruits and vegetables among Kolkata population, India. Darjeeling Govt. College. (2008). (**National)**
5. Immediate hypersensitivity to house dust and house dust mites among kolkata population, India. Barasat Govt. College (2011). (**National)**

6. Studies on the house dust mites of Kolkata and adjoining areas in relation to nasobronchial allergic disorders. West Bengal Biodiversity Board. (2014). (**National)**
7. Dust Mite Allergy-Molecular Basis. Invited Lecture. Allergy & Asthma Research Centre, Kolkata in collaboration with Department of Zoology, University of Calcutta (2015). (**National)**
8. Role of CD-14 polymorphism among dust mites induced asthmatic patients of Kolkata. Department of Physiology, Serampore College.(2016). (**National)**
9. Studies on house dust mite fauna and population fluctuation of four allergenic mites in West Bengal, India. Department of Zoology, Acharya Prafulla Chandra College in collaboration with Bajul Milani Mahavidalaya (2016). (**National)**
10. A preliminary report on diversity of mites (Acari) in different plants from campus of Barasat Government College, West Bengal. Post Graduate Department of Zoology, Barasat Govt. College in collaboration with The Zoological Society, Kolkata & West Bengal Biodiversity Board . (2016). (**National)**
11. Identification of offending outdoor aeroallergens and association of CD14C(-159T) polymorphism in development and severity of asthma in a Kolkata patient population. Allergy & Asthma Research Centre, Kolkata in collaboration with Department of Zoology, University of Calcutta (2017). (**National)**

Invited Lectures for Conference:

1. 8th International Conference on Allergy, Asthma and Immunology (Allercon 2019) organized by AARC, Indian Chest Society and Department of Zoology, Calcutta University. March 2-3,2019.
2. 5th International Conference on Allergy, Asthma and Immunology (Allercon 2015) organized by AARC, and Department of Zoology, Calcutta University. January 10th, 2016.

Research Article Reviewed:

Acted as reviewer for the following journals (selected)

1. Journal of Medical Entomology **(Oxford Publications)**
2. Clinical and Experimental Allergy **(Wiley)**
3. Experimental and Applied Acarology **(Springer)**
4. Indoor Air **(Wiley)**

Extramural Research Grant: (As Principal Investigator):

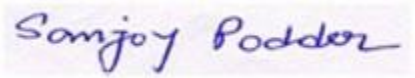
Sl. No.	Title	Agency	Amount/ Status	Remark
1.	Assessing the role of ALOX5, CYSLTR1, PTGS2 and TBXA2R genes polymorphism in aeroallergen induced asthmatics of West Bengal, India	SERB, Govt. of India (EEQ/2021/000042)	Rs. 46.67 lakhs On-going	**Principal-Investigator**
3.	Identification of house dust mites in relation to characterization of molecular pathway associated with asthma among West Bengal population in India	Department of Biotechnology, Govt. of West Bengal	Rs. 24.86 lakhs Completed	**Principal-Investigator**
4.	Studies on the diversity of mites infesting Tea in North Bengal, their management with bio-pesticides and assessing the resistant/ susceptible varieties by biochemical Methods	Department of Science & Technology, Govt. of West Bengal	Rs. 17.56 lakhs Completed	**Principal-Investigator**
5.	Studies on the aeroallergens of Kolkata and adjoining areas in relation to nasobronchial allergic disorders.	WBDST	Rs. 10.40 lakhs Completed	**Principal-Investigator**
6.	Diversity of phytophagous and predatory mites infesting Tea in Darjeeling Hills and Terai Region assessing the effect of mite feeding on biochemical Component	UGC Minor	Rs. 65,000/- Completed	**Principal-Investigator**

Foreign Visit:

1. **Visited Antalya, Turkey** for attending and presenting paper in International Congress of Acarology during 1st September to 10th September, 2018.
2. **Visited Seoul, South Korea** for attending and presenting paper in World Allergy Congress during 12th October to 18th October,2015.

Workshop Participation:

1. Participated workshop on faunal biodiversity of India. Maulana Azad College (2003).
2. Participated workshop on Contemporary laboratory and field courses in zoological sciences, sponsored by Higher Education Department, Govt. of West Bengal, Acharya Prafulla Chandra Roy Government College (2015).



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