

Teacher's Profile

Name: Saheli Banerjee

About

Email Id:- sahelishoi@gmail.com

Date of Joining:- 19.03.2024

Qualification: Ph.D in Microbiology

Area(s) of Interest:- Microbiology, Molecular biology, Genetics, Recombinant DNA technology.

Specialization/Research Interest:- Microbiology, Human genetics, gene therapy, Ayurgenomics, personalized medical model.

Teaching Experience:- Working as a guest lecturer in THK Jain college for last 1 year 9 months.

Additional Information: Previously worked as a research fellow under CSIR-IGIB New Delhi and J.B.Roy State Ayurvedic Medical College and Hospital, Kolkata.

Activities

Participation in Seminar/Conference/Workshop/Symposium

| Sl No | Year | Title | Organized By |
|-------|------|---|---|
| 1. | 2019 | “Oxidative stress related complications in type 2 diabetic individual belongs to different Prakriti types”. | IDF congress 2019, , Busan, South Korea. |
| 2. | 2019 | “ Type 2 Diabetes Mellitus Induced Apoptosis Amongst Different Prakriti Individuals” . | 47 th Annual meeting of RSSDI |
| 3. | 2019 | “A correlation of diabetes associated complications with different <i>Prakriti</i> groups” | India International Science Festival November 2019, Kolkata, Organized by Ministry of Science And Technology, Ministry of Earth Sciences, Government of India, and Vijnana Bharati (Vibha). |
| 4. | 2013 | 22 nd Annual conference | IPGME&R |
| 5. | 2013 | Workshop on Detailed Objective Phenotyping. | CSIR-TRISUTRA unit and KEM Hospital Research centre, Vadu. |
| 6. | 2015 | Ayurgenomics and its Application | Centenary Celebration committee J.B.Roy State Ayurvedic Medical College and Hospital |

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| 7. | 2016 | International Seminar on Promotion, prevention and pacification: Ayurvedic landscape” | 45 th Reunion by Centenary Celebration committee J.B.Roy State Ayurvedic Medical College and Hospital |
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Presentation

| Sl No | Year | Title | Organized By |
|-------|------|---|---|
| 1 | 2019 | “Oxidative stress related complications in type 2 diabetic individual belongs to different Prakriti types”. | IDF congress December 2019, Busan, South Korea. |
| 2 | 2019 | “ Type 2 Diabetes Mellitus Induced Apoptosis Amongst Different Prakriti Individuals” . | 47 th Annual meeting of Research Society for The Study of Diabetes in India, Jaipur, India |
| 3 | 2019 | “A correlation of diabetes associated complications with different <i>Prakriti</i> groups” | India International Science Festival November 2019, Kolkata, Organized by Ministry of Science And Technology, Ministry of Earth Sciences, Government of India, and Vijnana Bharati (Vibha). |

Publication

| Sl No | Year | Title (Journal/Book /Book Chapter/ | Name as applicable | ISBN/ISSN |
|-------|------|--|--|--|
| 1. | 2021 | An Approach to Screen Genotoxic Susceptible Diabetic Population of various Prakriti Groups for Personalized Disease Management | Journal of Alternative and Complementary Medicine. | 1075-5535 (print); 1557-7708 (web). doi: 10.1089/acm.2020.0001 |
| 2. | 2019 | Comparative analysis of the biochemical parameters among the three <i>Prakriti</i> individuals having type 2 diabetes mellitus | Indian Journal of Traditional Knowledge. | 0975-1068 (Online); 0972-5938 (Print) |
| 3. | 2018 | Synergistic improved efficacy of <i>Gymnadenia orchidis</i> root Salep and pumpkin seed on induced diabetic complications | Diabetes Research and Clinical practice | 0168-8227. doi: 10.1016/j.diabres. |
| 4. | 2016 | BOOK: Worldwide Wound Healing innovation in Natural and | INTECHOPEN | ISBN-13 : 9789535128052 ISBN-10: 9535128051 |

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| | | Conventional Methods. book Chapter:Chapter-3, in Search of Wound Healing Drugs : A Journey through Ayurveda | | |
| 5. | 2016 | Evaluation of <i>Cynodon dactylon</i> for wound healing activity. | Journal of Ethnopharmacology | 0378-8741. doi: 10.1016/j.jep.2016. |

Achievement

Qualified UGC-CSIR ICAR NET, awarded for best paper (“Ayurgenomics and its application”) presentation in the international seminar on “Promotion, prevention and pacification: Ayurvedic landscape” organized by J.B. Roy State Ayurvedic Medical College and Hospital, Kolkata.