



B. BOROOAH COLLEGE
(Affiliated to Gauhati University)
GUWAHATI, ASSAM,
781007, INDIA

(Nationally accredited with 'A' grade by NAAC)

Estd: 1943

Dr. Palki Hazarika, Ph. D
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Faculty Profile

1. Name in full: **Dr. PALKI HAZARIKA**
2. Designation: Assistant Professor (Guest faculty)
3. Date of Joining: 01-01-2020
4. Academic qualification: M. Sc., Ph. D., SLET
5. Specialization: Molecular Endocrinology & Reproductive Biology
6. Address: Hindu Gaon, PO - North Lakhimpur, Dist - Lakhimpur, Assam, 787001
7. Phone: +91 9101047372; +91 8402997277
8. E-mail: hazarika.palki@gmail.com
9. Date of Birth: 03-12-1990
10. Sex: Female
11. Nationality: Indian
12. **Title of the Ph. D Thesis:** Effects of *Saraca indica* Linn. bark extract on reproductive system of Levonorgestrel treated female *Rattus albicans*
13. **Publications:**
 - (a) **Book chapter:**
 - i. **Palki Hazarika.** 2019. Endocrine Disruptors and Biodiversity Threats. *Ecology, Environment and Conservation*. Editor: A. K. Hazarika. ISBN: 978-81-903242-2-5
 - (b). **Research Papers published in National and International Journals, proceedings of seminar**
 - i. **Palki Hazarika, Shibani Kalita & Kamal Choudhury.** 2021. Restorative effects of *Saraca indica* methanolic bark extract on levonorgestrel affected reproductive cycle and hormone levels in female albino rats. *Uttar Pradesh Journal of Zoology*. 42(3): 15-22. ISSN: 0256-971X (P)
 - ii. **Palki Hazarika, Kamal Choudhury & Pramathesh Kalita.** 2018. Effects of certain herbal and synthetic drugs on the Gonado-Somatic Index and Utero- Somatic Index of adult female albino Rats (*Rattus albicans*). *International Journal of Basic and applied Research*. 8(6), 958-967. ISSN: 2249-3352 (P) 2278-0505 (E).



- iii. **Palki Hazarika** & Kamal Choudhury. 2019. Effects of repeated dose of Levonorgestrel on uterine histomorphology of adult female albino rats. *Journal of Emerging Technologies and Innovative Research*. 6(3), 581-587. ISSN: 2349-5162.
- iv. Asha Rani Borah, Kamal Choudhury & **Palki Hazarika**. 2018. Genistein, a soy isoflavone acutely alters insulin tolerance in albino rat (*Rattus albicans*). *Journal of Emerging Technologies and Innovative Research*. 5(9), 472-475. ISSN: 2349-5162.
- v. Pramathesh Kalita, Kamal Choudhury & **Palki Hazarika**. 2018. Effect of acute exposure of herbicide Pendimethalin on tissue protein level in freshwater fish *Channa punctate* (Bloch). *Journal of Emerging Technologies and Innovative Research* 5(9), 197-200. ISSN: 2349-5162.
- vi. Asha Rani Borah, Kamal Choudhury, Pramathesh Kalita & **Palki Hazarika**. 2018. Study on the effect of genistein, an isoflavone on glucose tolerance in albino rats (*Rattus albicans*). *International Journal of Basic and applied Research*. 8(10), 493-501. 2249-3352 (P) 2278-0505 (E).

14. Paper presentation in National & International Seminars:

A. International Seminar:

- i. Presented a paper titled “**Effects of *Saraca indica* Linn bark extract on certain reproductive profiles of adult female albino rats**” at the International Conference on “Global Biodiversity, Climate Change and Sustainable Development (ICBCS-2016)”, at Rajiv Gandhi University, Arunachal Pradesh, India.

B. National Seminar:

- i. Presented a paper titled “**Study of the effect of methanolic bark extract of *Saraca indica* on histology and enzyme profile of liver in albino rat (*Rattus albicans*)**” at the 104th Indian Science Congress, 2017, at S.V. University, Tirupati, India.
- ii. Presented a paper titled “**Effects of levonorgestrel on the estrous cycle of adult female albino rats**” at the UGC Sponsored National Seminar on “Harmony with Nature in the Context of Chemistry, Environmental Issues and Challenges”, 2017, at Pub Kamrup College, Assam.

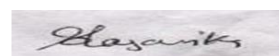
15. Workshops attended:

- i. Workshop on “**Taxonomic Methodology of Fish Identification**”, 27th January, 2015, B. Borooah College, Guwahati, Assam.

- ii. 7-Days Summer Workshop & Hands on Training on **Techniques in Biochemistry and Molecular Biology**, 15 - 18 October, 2015, Gauhati University, Assam.
 - iii. Workshop on **Statistical and Computing Methods for Life Science Data Analysis**, 8 -12 February, 2016, Dibrugarh University, Assam.
 - iv. One Day Workshop on **Writing Skill**, 12th August, 2016, Gauhati University, Assam.
 - v. **Author workshop by Springer Nature & Gauhati University**, 5th April, 2019, Gauhati University, Assam, India.
16. Webinars attended:
- i. **International Webinar on “Humans as an intelligent species- Where have they come from? Where they are going?”** under the aegis of the **Zoological Society of Assam**, India on 21st August, 2020.
 - ii. **National Webinar on “ SARS-CoV-2: Complexities in the viral genome and prospects of its control”**, organized by Institutional Biotech Hub (IBH) and IQAC, DKD College, Dergaon, Assam on 14th August, 2020.
17. **Work Experience:**
- i. Lecturer in the Department of Biology at Brahmaputra Valley Academy (Junior College, North Lakhimpur from August 2013 to March 2014.
 - ii. Lecturer in the Department of Biology at Province College, Guwahati from August 2014 to February 2017.
 - iii. PGT at Motion Education Private Limited, Guwahati Centre from February 2015 to February 2018.
 - iv. PGT at South Point School, Guwahati from August 2018 to October 2018.

Declarations

I hereby declare that the above statements are true to the best of my knowledge



Dr. Palki Hazarika