Name: **Dr. Sudip Hajra**

Designation: **Assistant Professor**

Qualifications: **M. Sc., B. Ed., Ph. D.**

Email ID: **sudipvb@gmail.com**

Educational Qualification

- M. Sc. in Zoology with specialization in Cytology & Cytogenetics, Molecular biology, Developemental biology from Guru Ghasi Das University , Bilaspur (A central University)
- Doctor of philosophy (Ph. D.) in Zoology from Department of Zoology (Centre for Advanced Studies), Visva -bharati University.

Professional Qualification

- Worked in the laboratory of Dr. Sudipta Maitrain the Department of Zoology, Visva-Bharati, in the UGC **Major Research project [FNo.-39-681/2010 (SR)]**.
- Completed Doctor of Philosophy (Ph.D.) under the supervision of Dr. Sudipta Maitra in the **Molecular endocrinology and reproductive biology**laboratory in the **Department of Zoology (Centre for Advanced Studies), Visva-Bharati (A central University),** Santiniketan, India**.**

Areas of specialization & Research

- **Molecular endocrinology and reproductive Physiology**

Teaching Experiences

- GUEST LECTURER at St. Xavier's College, Burdwan from 4th February, 2019.
- ASSISTANT PROFESSOR at St. Xavier's College, Burdwan from November, 2020 till date

Publications in peer- reviewed journals & Books

- **Hajra, S**., Das, D**.**, Ghosh, P., Pal, S., Nath, P., Maitra, S., **2016**. Regulation of recombinant human (rh)-insulin-induced maturational events in *Clarias batrachus* (L.) oocytes *in vitro.* Zygote 24, 181-194.
- Das, D., Nath, P., Pal, S., **Hajra, S**., Ghosh, P., Maitra, S., **2016**. Expression of two insulin receptor subtypes, *insra and insrb,* in zebrafish (*Danio rerio*) ovary and involvement of insulin action in ovarian function. Gen. Comp. Endocrinol. 239, 21-31.
- Ghosh, P., Das, D**.**, Juin, S.K., **Hajra, S**., Kachari, A., Das, D.N., Nath, P., Maitra, S., **2016**. Identification and partial characterization of *Olyra longicaudata* (McClelland, 1842) vitellogenins: seasonal variation in plasma, relative to estradiol-17β and ovarian growth. Aquaculture Reports 3, 120-130.
- Maitra, S., Das, D., Ghosh, P., **Hajra, S**., Roy, S.S. Bhattacharya, S., **2014**. High cAMP attenuation of insulin-stimulated meiotic G2-M1 transition in zebrafish oocytes: Interaction between the cAMP-dependent protein kinase (PKA) and the MAPK3/1 pathways. Mol. Cell.Endocrinol. 393, 109–119.
- Das, D., Nath, P., Pal, S., **Hajra S**, Ghosh P[1], Maitra S[1] 2017 .Relative importance of phosphatidylinositol-3 kinase (PI3K)/Akt and mitogen-activated protein kinase (MAPK3/1) signaling during maturational steroid-induced meiotic G2-M1 transition in zebrafish oocytes. Zygote. Dec 12:1-14. doi: 10.1017/S0967199417000545.
- Pal, S., Nath, P., Das, D., **Hajra, S**., Maitra, S., **2018**Cross-talk between insulin signalling and LPS responses in mouse macrophages Molecular and Cellular Endocrinology**.**

Presentation in international and national Seminar:

- **Poster presentation** in National Symposium on Comparative Endocrinology and Reproductive Biology, of a paper entitled "*Involvement of steroid and Igf1 signalling in releasing meiotic prophase-I arrest in zebrafish oocyte*", 1st to 3rd October, 2015 at Lipika Auditorium, Santiniketan-731 235, India.
- **Poster presentation** in International Conference on Comparative Endocrinology and Physiology of a paper entitled "*High cAMP attenuates insulin action on MAPK (ERK) activation and G2/M1 transition in zebrafish (Danio rerio, Hamilton 1822) oocytes*", 21st to 23rd October, 2013 at Suraburdi Meadows, Nagpur, Maharashtra, India

Other Skills/Hobbies/Interests

- Reading Novels, Listening to music. Languages Known: English, Bengali and Hindi.