

## Faculty Profile

**Name: Dr. Sabindra Kumar Samal**



**Qualification: M.Sc., CSIR-NET (JRF), PhD**

**Designation: Assistant Professor in Zoology**

**Email Id: sabindra.kr.samal@gmail.com**

**Area of interest: Molecular Biology, Wildlife**

**Area of research: Oncology, Wildlife management**

**Teaching Area:**

- UG
- PG

**Total No. of Teaching Experience (Yrs):**

- UG: 5 Years
- PG: 1 Year

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### **Research Supervision:**

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- **Completed (M.Phil/Ph.D):**

<b>Name of the Student</b>	<b>Degree</b>	<b>University</b>	<b>Title of the Thesis</b>	<b>Date of Registration</b>	<b>Date of Submission</b>	<b>Date of Award of Degree</b>

• **Ongoing (M.Phil/Ph.D):**

<b>Name of the Student</b>	<b>Degree</b>	<b>University</b>	<b>Title of the Thesis</b>	<b>Date of Registration</b>

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## **Publication Profile**

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### **Research Articles Published:**

**1. DDX3 modulates cisplatin resistance in OSCC through ALKBH5-mediated m6A-demethylation of FOXM1 and NANOG**

O Shriwas, M Priyadarshini, **SK Samal**, R Rath, S Panda, ...

Apoptosis 25, 233-24, 2020

**2. Ketorolac salt is a newly discovered DDX3 inhibitor to treat oral cancer**

**SK Samal**, S Routray, GK Veeramachaneni, R Dash, M Botlagunta

Scientific reports 5 (9982), 1-10, 2015

**3. Mcl-1 is an important therapeutic target for oral squamous cell carcinomas**

S Maji, **SK Samal**, L Pattanaik, S Panda, BA Quinn, SK Das, D Sarkar, ...

Oncotarget 6 (18), 16623-16637, 2015

**4. STAT3-and GSK3 $\beta$ -mediated Mcl-1 regulation modulates TPF resistance in oral squamous cell carcinoma**

S Maji, O Shriwas, **SK Samal**, M Priyadarshini, R Rath, S Panda, ...

Carcinogenesis 40 (1), 173-183, 2018

**5. Identification of oral cancer related candidate genes by integrating protein-protein interactions, gene ontology, pathway analysis and immunohistochemistry**

R Kumar, **SK Samal**, S Routray, R Dash, A Dixit

Scientific Reports 7 (1), 1-18, 2017

**6. Development of an intra-molecularly shuffled efficient chimeric plant promoter from plant infecting Mirabilis mosaic virus promoter sequence**

S Acharya, S Sengupta, S Patro, S Purohit, **SK Samal**, IB Maiti, N Dey

Journal of biotechnology 169 (1), 103-111, 2014

**7. Polyacryloyl hydrazide based injectable & stimuli responsive hydrogels with tunable properties**

A Kumar, **SK Samal**, R Dash, U Ojha

Journal of Materials Chemistry B 2 (42), 7429-7439, 2014

**8. Diversity of butterflies (Lepidoptera: Rhopalocera) in Bhubaneswar, Odisha, India**

**SK SAMAL**, A SATAPATHY, N PATTANAIK

Notulae Scientia Biologicae 13 (4), 11074-11074, 2021

**9. SARI inhibits growth and reduces survival of oral squamous cell carcinomas (OSCC) by inducing endoplasmic reticulum stress**

M Priyadarshini, S Maji, **SK Samal**, R Rath, J Li, SK Das, L Emdad, ...

Life Sciences 287, 120141, 2021

**Books Chapters Published:**

**1. Bcl-2 Antiapoptotic Family Proteins and Chemoresistance in Cancer**

S Maji, S Panda, **SK Samal**, O Shriwas, R Rath, M Pellecchia, L Emdad, ...Advances in Cancer Research 137 (1), 37-75, 2018

**Books Published:**

**Sunday Bird Walks: A citizen science initiative in Nandankanan**

**Samal SK**, Panda MK, Das P, Pradhan R, Behera HK, Jena S, Mohapatra RK, Kumar S, Nair MV. , Nandankanan Biological Park, Forest And environment Department, Govt. of Odisha, ISBN: 9788196047900, 2022.

**Articles Published in Newspapers/Magazines:**

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**Research Projects:**

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NAME	DEPARTMENT	TYPE (MAJOR/MINOR)	NAME OF THE FUNDING AGENCY	FUNDS PROVIDED (INR IN LAKHS)	TITLE OF THE PROJECT	MONTH AND YEAR OF RECEIVING GRANT	DURATION OF THE PROJECT

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**Papers presented in Conferences/Seminars:**

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**Invited/Special Lectures/Resource Persons or Presentations at  
Conferences/ Workshops:**

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**Awards and Distinctions:**

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CSIR-NET (JRF)

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**Association with Professional Bodies:**

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**LIFE Member at Zoological Society of Odisha (ZSO)**