



Dr. Sayed Modinur Rahaman

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Contact Address:

Department of Microbiology,
Raiganj University,
Raiganj, Uttar Dinajpur,
W.B, Pin-733134.

Teaching Interest:

Biochemistry ,Biophysics, Molecular biology, Genetics, Immunology

Research Interest:

Protein Biochemistry (Purification, Characterization, Interaction), Cellular signaling and interaction, Importance of medicinal plant to control disease.

Fellowships:

2011: Awarded the Junior Research Fellowship (JRF) from the University of Kalyani as University Research Scholar for pursuing the research career.

2013: Awarded the Senior Research fellowship (SRF) from the University of Kalyani as University Research Scholar.

Teaching Experience: FROM AUGUST 2016 TO PRESENT (2 Years AND 6 Months)

Research Experience: 4 years 5 months

Previous & Present Employment:

August 2016 to Present: Assistant Professor in Dept. of Microbiology, Raiganj University
2013-2015: Senior Research Fellow, University of Kalyani, Kalyani, Nadia, W.B.
2011-2013: Junior Research Fellow, University of Kalyani, Kalyani, Nadia, W.B.

Publications:

Book Chapter: 1

1. Sajal Chakraborti, **Sayed Modinur Rahaman**, Md Nur Alam, Amritlal Mandal, Biswarup, Ghosh, Kuntal Dey and Tapati Chakraborti (2015). Na^+/K^+ -ATPase: A Perspective. In: Chakraborti S, Dhalla NS (Eds) *Regulation of Membrane Na^+/K^+ -ATPase*. Vol 15; Springer, New York (December: 2015).

Research Papers: 3

1. Kuntal Dey, **Sayed Modinur Rahaman**, Tapati Chakraborti, Sajal Chakraborti*. (2013) Role of phospholemman and the 70 kDa inhibitor protein in regulating Na^+/K^+ ATPase activity in pulmonary artery smooth muscle cells under U46619 stimulation. **FEBS Lett.** 1;587:3535-40. (Impact Factor: 3.519)
2. **Sayed Modinur Rahaman**, Kuntal Dey, Partha Das, Soumitra Roy, Tapati Chakraborti, Sajal Chakraborti*. (2014) Identification, purification and partial characterization of low molecular weight protein inhibitor of Na^+/K^+ -ATPase from pulmonary artery smooth muscle cells. **Mol Cell Biochem.**: 393:309-17. (Impact Factor: 2.613)
3. **Sayed Modinur Rahaman**, Kuntal Dey, Tapati Chakraborti, Sajal Chakraborti*. (2015) Angiotensin II inhibits Na^+/K^+ ATPase activity in pulmonary artery smooth muscle cells via glutathionylation and with the involvement of a 15.6 kDa inhibitor protein. **Indian J Biochem. Biophys.**: 52:119-124. (Impact Factor: 1.0).

Presented a Talk: 02

1. Title: Inhibition of NKA by low mol. Wt. protein. National seminar on: recent trends in life sciences. On 26th march 2017. Dept. of Zoology, Raiganj University, Raiganj. W.B
2. Title: Role of Ang-2 & endogenous protein inhibitor to regulate NKA. National Seminar on frontiers in cell Biology and Microbiology. ON 31st MARCH 2017. Dept. of microbiology, Raiganj University, Raiganj. W.B