भारतीय प्रौद्योगिकी संस्थान जोधपुर

जैविक विज्ञान एवं जैविक इंजिनियरिंग विभाग
राष्ट्रीय राजमार्ग 62, नागौर रोड, करवड़, जोधपुर 342037, राजस्थान

प्रो. सुरजीत घोष
FRSC, FASCT
अधिष्ठाता (R & D)

Prof. Surajit Ghosh
FRSC, FASCT
Dean (R&D)

INDIAN INSTITUTE OF TECHNOLOGY JODHPUR
Department of Bioscience and Bioengineering
NH-62, Nagaur Road, Karwar, Jodhpur 342037, Rajasthan, INDIA
Fax : 91-291- 0000000 Phone : 91-291-280-1212
E-mail : sghosh@iitj.ac.in, sgiicb@gmail.com

Signed statement from the applicant to the effect that the research work under reference has not been given any award in the past.

Five outstanding research articles of Prof. Surajit Ghosh:

1. Debmalya Bhunia, Prasenjit Mondal, Gaurav Das, Abhijit Saha, Pallabi Sengupta, Jagannath Jana, Saswat Mohapatra, Subhrangsu Chatterjee, and **Surajit Ghosh.*** Spatial Position Regulates Power of Tryptophan: Discovery of Major Groove Specific Nuclear Localizing Cell Penetrating Tetrapeptide. ***J Am Chem Soc., 140, 2018, 1697-1714. Selected for JACS Young Investigators Virtual Issue, 2019 by Prof. Peter J. Stang (Editor-in Chief, JACS).*** **(Citation: 20).**

Pallabi Sengupta, Jagannath Jana and Subhrangsu Chatterjee contributed in performing NMR experiments. Rest of the contribution from my research group.

2. Anindyasundar Adak, Gaurav Das, Surajit Barman, Saswat Mohapatra, Debmalya Bhunia, **Surajit Ghosh.*** Biodegradable Neuro-Compatible Peptide Hydrogel Promotes Neurite Outgrowth, Shows Significant Neuroprotection, and Delivers Anti-Alzheimer Drug. ***ACS Appl Mater Interfaces. 9, 2017, 5067- 5076.*** **(Citation: 33)**

3. Atanu Biswas, Prashant Kurkute, Suraiya Saleem, Batakrishna Jana, Saswat Mohapatra, Prasenjit Mondal, Anindyasundar Adak, Subhajit Ghosh, Abhijit Saha, Debmalya Bhunia, Subhash Chandra Biswas, and **Surajit Ghosh*.** Novel hexapeptide interacts with tubulin and microtubules, inhibits Aβ fibrillation, and shows significant neuroprotection. ***ACS Chem. Neurosci., 2015, 6, 1309-1316. Highlighted in Cover-page.*** **(Citation: 23)**
Suraiya Saleem, and Subhash Chandra Biswas contributed in one assay known as NGF mediated neuroprotection assay. Rest of the contribution from my research group.

4. Subhajit Ghosh, Saswat Mohapatra, Anisha Thomas, Debmalya Bhunia, Abhijit Saha, Gaurav Das, Batakrishna Jana and **Surajit Ghosh*.** Apoferritin-nanocage delivers combination of microtubule and nucleus targeting anticancer drugs. ***ACS Appl. Mater. Interfaces, 8, 2016, 30824-30832.*** **(Citation: 33)**

5. Batakrishna Jana, Saswat Mohapatra, Prasenjit Mondal, Surajit Barman, Krishnangsu Pradhan, Abhijit Saha and Surajit Ghosh*. α-Cyclodextrin Interacts Close to Vinblastine Site of Tubulin and Delivers Curcumin Preferentially to the Tubulin Surface of Cancer Cell. ***ACS Appl. Mater. Interfaces, 8, 2016, 13793-13803.*** **(Citation: 23)**

This is to confirm that the research work mentioned in above references has not been given any award in the past.

Surajit Ghosh

Date: 15.092021

Signature of the applicant