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No. Dean/2021/IAEC/३५५५

Dated: 06.03.2021

The Coordinator
School of Biomedical Engineering and Technology
Indian Institute of Technology
Banaras Hindu University

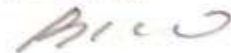
Dear Sir,

A meeting of the Central Animal Ethical Committee of the University was held on 06.03.2021 at 10.30 AM in the Chamber of the Dean, Faculty of Medicine, IMS for animal ethical clearance of the proposal submitted by the following.

Name of the Student	Dr. Rinki Verma
Title	Formulation and evaluation of polymer loaded fluorescent anticancer complex for targeted control drug release
No. of Animals Approved	Female Sprages Dawley Rat-36
Suggestion	The CPCSEA Guidelines should be followed strictly while handling the animals
Remarks	The Synopsis is approved by the Central Animal Ethical Committee of the University

This is for your information and necessary action at your end.

Yours sincerely,



(B K DAS)
DEAN
&
CHAIRMAN

CENTRAL ANIMAL ETHICAL COMMITTEE OF THE UNIVERSITY

-
- **Rinki Verma**, and Manoj Kumar. "Development and Optimization of Methotrexate Encapsulated Polymeric Nanocarrier by Ionic Gelation Method and its Evaluations" *ChemistrySelect* 7.48 (2022): e202203698 (IF=2.3) <https://doi.org/10.1002/slct.202203698>
 - **Rinki Verma**, Varsha Rani, and Manoj Kumar. "In-vivo anticancer efficacy of self-targeted methotrexate-loaded polymeric nanoparticles in solid tumor-bearing rat." *International Immunopharmacology* 119 (2023): 110147 (IF=5.7) <https://doi.org/10.1016/j.intimp.2023.110147>
 - **Rinki Verma**, Virendra Singh, Biplob Koch, Manoj Kumar "Evaluation of Methotrexate Encapsulated Polymeric Nanocarrier For Breast Cancer Treatment." *Colloids and Surface B: Biointerface* 2023 (IF= 5.999) <https://doi.org/10.1016/j.colsurfb.2023.113308>
 - **Rinki Verma**, Devdutt Sharma, Virendra Singh, Biplob Koch, Manoj Kumar "Chitosan Functionalized Fluorescent Calcium Carbonate Nanocarrier Loaded with MTX as Unique Theragnostic Tool for Triple Negative Breast Cancer" (Manuscript has been submitted to *Applied Materials & Interfaces*).
 - Varsha Rani, **Rinki Verma**, Krishan Kumar, Ruchi Chawla "Role of pro-inflammatory cytokines in Alzheimer's disease and neuroprotective effects of pegylated self-assembled nanoscaffolds." *Current Research in Pharmacology and Drug Discovery* (2023) (IF = 5.547) <https://doi.org/10.1016/j.crphar.2022.100149>
 - Varsha Rani, **Rinki Verma**, Krishan Kumar Ruchi Chawla "pH-influenced Self-assembled Stealth Nanoscaffolds encapsulating Memantine for the treatment of Alzheimer's disease" *Journal of Biosciences* (IF= 2.7) (Accepted on 08/12/2022).
 - Krishan Kumar, **Rinki Verma**, Manjit, Mohini Mishra, Varsha Rani, Priya, Ruchi Chawla "In-vivo cancerous microenvironment sensitive glycan receptor targeted sialated-chitosan nanoparticles for targeted delivery of gemcitabine to lung cancer model." *Molecular Pharmaceutics* (under revision)
 - Varsha Rani, **Rinki Verma** and Ruchi Chawla, Biodistribution, Pharmacokinetic and pharmacodynamic effect of self-assembled nanoscaffolds in neurodegenerative condition of Alzheimer's disease (Manuscript has been communicated).