CV of Name

Name: Dr. Ravi Kumar Rajan

Designation: Assistant Professor

Address for Communication (office): Department of Pharmacology, GIPS-tezpur.

Mobile No.: 8098490394

WA No:

Email: ravi.rajan6@gmail.com

Sex: Male

Date of Birth: 04-09-1989

Educational Qualifications:

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| --- | --- | --- | --- | --- | --- |
| **Sl.**  **No.** | **Examination Passed** | **Year of passing** | **Board / Council /**  **University** | **Percentage**  **of Marks** | **Grades/**  **Divisions/**  **Rank** |
| 1 | HSLC/10th Std. | 2005 | CBSE | 80 | First Division |
| 2 | HSSLC/10+2 Std. | 2007 | CBSE | 63 | First Division |
| 3 | Degree (Please Specify)  Bachelor of Pharmacy  (B. Pharm) | 2012 | The Tamil Nadu Dr. MGR Medical University, Guindy, Chennai, Tamil Nadu. | 73% | First Division |
| 4 | Master’s Degree  (Please Specify)  Master of Pharmacy  (M. Pharm) | 2014 | The Tamil Nadu Dr. MGR Medical University, Guindy, Chennai, Tamil Nadu. | 85% | First Division |
| 5 | M. Phil. (Please Specify) | NA | NA | NA | NA |
| 6 | Ph. D. (Please Specify) | 2022 | The Tamil Nadu Dr. MGR Medical University, Guindy, Chennai, Tamil Nadu. | NA | NA |
| 7 | Others (2) (Please Specify) | NA | NA | NA | NA |

Languages known: 1. English and Hindi (Read, Write & Speak)

2. Tamil and Assamese (Speak)

Academic/ Administrative Experience:

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| **Name of Organization/**  **Institution** | **Post Held\*** | **Duration** | | **Nature of Appointment (Regular/**  **Temporary/ Ad-hoc)** |
| **From** | **To** |
| PSG College of Pharmacy | Junior Research Fellow (Full time) | 01.12.2014 | 01-09-2017 | Temporary |
| Arunachal University of Studies | Assistant Professor | 12.07.2020 | 14.03.2022 | Regular |
| GIPS-Tezpur | Assistant Professor | 01.04.22 | Till date | Regular |

List of Publications:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl.** | **Research Article** | **Journal** | **ISSN/** | **Impact factor** |
| **No.** | **ISBN No.** |
| 1 | Soy isoflavones exert beneficial effects on letrozole-induced rat polycystic ovary syndrome (PCOS) model through anti-androgenic mechanism | Pharmaceutical biology (Taylor & Francis) | Print ISSN: 1388-0209  Online ISSN: 1744-5116 | Peer reviewed  IF: 3.9 |
| 2 | Identification and neuroprotective evaluation of a potential c-Jun N-terminal kinase 3 inhibitor through structure-based virtual screening and in-vitro assay | Journal of Computer-Aided Molecular Design  (Springer Nature) | Online ISSN: 1573-4951 | Peer reviewed  IF: 4.1 |
| 3 | Crystal structure, Hirshfeld surface analysis, DFT, and molecular docking studies on benzohydrazide derivatives as potential inhibitors of prostate cancer | Chemical Data Collections (Elsevier) | ISSN: 2405-8300 | Peer reviewed  IF: 2.2 |
| 4 | Synthesis and Characterization of Folic Acid Conjugated Gemcitabine Tethered Silver Nanoparticles (FA-GEM-AgNPs) for Targeted Delivery | Current Pharmaceutical Design (Bentham Science Publishers) | Print ISSN: 1381-6128 | Peer reviewed  IF: 3.3 |
| 5 | Cytotoxicity and Synergistic Effect of Biogenically Synthesized Ternary Therapeutic Nano Conjugates Comprising Plant Active Principle, Silver and Anticancer Drug on MDA-MB-453 Breast Cancer Cell Line | The Asian Pacific Journal of Cancer Prevention (APOCP publisher) | Print ISSN: 2476-762X | Peer reviewed  IF: 1.9 |
| 6 | In-silico and in-vitro analysis of novel substituted benzimidazolyl derivatives for antimycobacterial potentials targeting enoyl acyl carrier protein reductase (InhA) | Future Journal of Pharmaceutical Sciences  (Springer Nature) | ISSN: 2314-7253 (electronic) | Peer Reviewed  IF: 2.3 |
| 7 | Design, Synthesis, and Biological Evaluation of 2-(2-Bromo-3-nitrophenyl)-5-phenyl-1,3,4-oxadiazole Derivatives as Possible Anti-Breast Cancer Agents | Chemistry and Biodiversity  (Wiley online library) | Online ISSN:1612-1880 | Peer Reviewed  IF: 2.7 |
| 8 | Building and behavior of a pH-stimuli responsive chitosan nanoparticles loaded with folic acid conjugated gemcitabine silver colloids in MDA-MB-453 metastatic breast cancer cell line and pharmacokinetics in rats | European Journal of Pharmaceutical Sciences  (Elsevier) | Print ISSN: 0928-0987  Online ISSN: 1879-0720 | Peer Reviewed  IF: 5.1 |

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| **Sl.**  **No.** | **Title with Page Nos.** | **Book Title & Editor publisher**  **(International Publisher/ National Publisher/ Other Local Publisher)** | **ISSN/ ISBN No.** | **Whether peer reviewed** | **No. of Co- author** |
| 1 | In Silico and In Vitro Studies of Benzohydrazide Analogues as Potent Androgen Receptor Antagonist | Conference on Drug Design and Discovery Technologies  (Royal Society of Chemistry) | Print ISBN:  978-1-78801-862-3  Online ISBN:  978-1-83916-078-3 | Yes | 7 |
| 2 | Pharmacophoric Studies of Bacterial 4ZKI YycG Histidine Kinase | Conference: Drug Discovery India 2019 Breakthrough Research in Medicinal Chemistry | DOI:10.13140/RG.2.2.25824.20481 | Yes | 3 |
| 3 | Design, Synthesis, and Biological Evaluation of 1,3, 4-Oxadiazole Derivatives as Anti-Breast Cancer Agents | International Conference on Drug Discovery (ICDD) 2020- Proceeding of the conference.  International Conference | https://www.schrodinger.com/icdd2020 | Yes | 7 |

Research Experience:

* Doctoral thesis guided : No
* Research & Consultancy Projects: No

Membership of Professional bodies: No

Award, Fellowship & Recognition:

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| --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Title & discipline** | **Agency** | **Period** | **Grant/Amount Mobilized (in Rs.)** | **API Score** |
| 1 | Biogenic Synthesis of silver Nanoconjugates with Natural Products for breast cancer  (D.O.No.SR/NM/NS-1110/2013 dated 05.06.2014) | Department of Science and Technology, New Delhi, India. | 1-12-2014 to  1-9-2017  (Completed) | 24 lakhs | 10 |
|  | Total API Score | | | | 10 |

Scanned Signature

Date: 29-03-2023 (Name)