

Faculty Details

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Contact:

Area Of Research: Cell Signalling and Gene Regulation

Faculty Details

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Dept of Animal Biology

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Notice Board

No Records Available

Students And Project Trainees

Students/Projects Trainees

Name	Joined As	Mail	Contact
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Navya Naidu G PhD Scholar (ICMR SRF) navyanaidu570@gmail.com ---
 Abhayananda Behera PhD Scholar (ICMR SRF) abhayanandazool5@gmail.com ---
 G Sri Charitha PhD Scholar(DST-Inspire) charitha.618@gmail.com ---
 Maddimadugu Elina Rani PhD Scholar(UGC RGNF) elinarani1@gmail.com ---
 Kishor Lokanadham MSc Student kishorvenkat065@gmail.com ---
 Meruva Gayathri MSc Student meruvagayathri10@gmail.com ---

Former Students/Projects Trainees

Name	Joined As	Working
S. Chennakesavulu	PhD Scholar(UGC JRF)	Post doc at Indiana University (IUPUI)
Chava Suresh	PhD Scholar (UGC JRF)	Post doc at Yale University
B Meher Gayatri	PhD Scholar (UGC JRF)	Wisconsin university-Madison,USA
N. S. Naga Chaitanya	PhD Scholar (ICMR SRF)	
Kartikey Saxena	MSc Student	University of Copenhagen, Denmark
Megha MB	MSc Student	
Deepanshi Sachan	MSc Student	
Kancharla Lavanya	IMSC Student	
Gouthami Kalmula	IMSC Student	
Isha	MSc Student	
B Vahini	MSc Student	
Asish Kumar Dash	MSc Student	
Mailcore Ritika	Summer trainee	
D Jaysurya	summer trainee	VIT, Vellore
Dariya Begum	Trainee	university of Minnesota
Venkat Ramavat	IMSC Student	
Meghnath Ingole	MSc Student	
M Saquib	MSc Student	
Srilakhmi	IMSC Student	
Dedeepya rao	Summer Trainee	
Rolly Kumari	MSc Student	

Nikhita Pasnuri MSc Student

Anuma Pallavi MSc Student PhD at IISC Bangalore

Rama Devi Summer Trainee

Priya Madhesiya MSc Student

Sushma Summer Trainee

Vimala Kumari MSc Student

Rashmita Summer trainee

Deepika Summer Trainee

Ramyaa Summer Trainee

Publications

22 Mohd Adnan, Himavarshitha Babbur, Sai Sandeep Annamaraju, Abhayananda Behera, Satya Dattatreya Palanki, Anvesh Karthik Yalavarthy, Bindu Madhava Reddy Aramati (2024) , Prostate Cancer , Springer, Singapore, Springer nature,978-981-97-1802-3,,3-14.

21 Sai Charitha Mullaguri, Prapthi Bathini, Sri Charitha Gorantla, Bindu Madhava Reddy Aramati, Rama Krishna Kancha (2024) , Endometrial Cancer , Springer, Singapore, Springer nature,,,137-146.

20 Sai Charitha Mullaguri, Bindu Madhava Reddy Aramati, Krishna Chaitanya Puligundla, Rama Krishna Kancha (2024) , Ovarian Cancer , Springer, Singapore, Springer nature,,,127-136.

19 Zoya Alam, Abhayananda Behera, Elina Rani Maddimadugu, Aramati BM Reddy (2024) , Tumor microenvironment components in pancreatic cancer , Academic press, Elsevier,,,17-24.

18 Abhayananda Behera, Deepanshi Sachan, Ganesh Kumar Barik (2024) , Role of MARCH E3 ubiquitin ligases in cancer development , Cancer and Metastasis Reviews, Springer,US,,,1-21 IF - 9.2.

17 Kandrakonda Yelamanda Rao,Shaik Jeelan Basha,Kallubai Monika,Navya Naidu Gajula,Irla Sivakumar,Sandeep Kumar,Ramakrishna Vadde,Bindu Madhava Reddy Aramati,Rajagopal Subramanyam (2023) , Development of quinazolinone and vanillin acrylamide hybrids as multi-target directed ligands against Alzheimer's disease and mechanistic insights into their binding with acetylcholinesterase , Journal Biomolecular structure and dynamics, ,,,.

16 Achala Bakshi, Mazahar Moin, Meher B. Gayatri, Aramati B. M. Reddy, Raju Datla, Maganti S. MadhavPulugurtha B. Kirti (2023) , Involvement of Target of Rapamycin (TOR) Signaling in the Regulation of Crosstalk between Ribosomal Protein Small Subunit 6 Kinase-1 (RPS6K-1) and Ribosomal Proteins , Plants, ,,,.

15 Meher Boliseti Gayatri, Rama Krishna Kancha, Abhayananda Behera, Dorababu Patchva, Nagaraj Velugonda, Sadasivudu Gundeti, Aramati Bindu Madhava Reddy (2023) , AMPK-induced novel

phosphorylation of RUNX1 inhibits STAT3 activation and overcome imatinib resistance in chronic myelogenous leukemia (CML) subjects , Cell Death Discovery, Nature,9,,401 IF - 7.5.

14 Abhayananda Behera, Aramati Bindu Madhava Reddy (2023) , WWP1 E3 ligase at the crossroads of health and disease , Cell Death and Disease, Nature,14,,853 IF - 9.2.

13 Nyshadham SN Chaitanya, Prasad Tammineni, Ganji Purnachandra Nagaraju, Aramati BM Reddy (2022) , Pleiotropic roles of evolutionarily conserved signaling intermediate in toll pathway (ECSIT) in pathophysiology , Journal of Cellular Physiology, Wiley,,doi: 10.1002/jcp.30832, IF - 6.5.

12 MB Gayatri, NN Gajula, S Chava, ABM Reddy (2022) , High glutamine suppresses osteogenesis through mTORC1-mediated inhibition of the mTORC2/AKT-473/RUNX2 axis , Cell Death and Discovery, Nature,8,277,1 IF - 7.5.

11 Meher Boliseti Gayatri, Rama Krishna Kancha, Dorababu Patchva, Nagaraj Velugonda, Sadashivudu Gundeti, Aramati B. M. Reddy (2022) , Metformin exerts antileukemic effects by modulating lactate metabolism and overcomes imatinib resistance in chronic myelogenous leukemia , The FEBS, Wiley,18,4480-4495,290 IF - 5.62.

10 Swarnalatha Kodidela, Abhayananda Behera, Aramati Bindu Madhava Reddy (2022) , Risk factors and clinical aspects associated with hepatocellular carcinoma: role of long noncoding RNAs , Theranostics and Precision Medicine for the Management of Hepatocellular Carcinoma, ,,,.

9 Gorantla Sri Charitha, Nyshadham S.N. Chaitanya, Aramati Bindu Madhava Reddy (2022) , LKB1/STK11-mediated signal transduction in hepatocellular carcinoma , Theranostics and Precision Medicine for the Management of Hepatocellular Carcinoma, ,,,.

8 Rajender Goud Arolla a 1, Shweta Malladi b 1, Utsa Bhaduri c, Meher Boliseti Gayatri d, Preethi Pattamshetty e, Vasavi Mohan e, Madhumohan Rao Katika f, Aramati Bindu Madhava Reddy d, Manchanahalli R. Satyanarayana Rao c, Dashavantha Reddy Vudem a, Rama Krishna Kancha b (2021) , Analysis of cellular models of clonal evolution reveals co-evolution of imatinib and HSP90 inhibitor resistances , Biochemical and Biophysical Research Communicatins, ,,,.

7 Jeelan Basha Shaik a, Yelamanda Rao Kandrakonda a, Monika Kallubai b, Navya Naidu Gajula c, Shreya Dubey b, Bindu Madhava Reddy Aramati c, Rajagopal Subramanyam b, Gangaiah Damu Amooru a (2021) , Deciphering the AChE-binding mechanism with multifunctional tricyclic coumarin anti-Alzheimer's agents using biophysical and bioinformatics approaches and evaluation of their modulating effect on Amyloidogenic peptide assembly , International Journal of Biological Macromolecules, ,,,.

6 Lakshmipathi Vadlakonda, Meera Indracanti, Suresh K. Kalangi, B. Meher Gayatri, Navya G Naidu (2020) , The Role of Pi, Glutamine and the Essential Amino Acids in Modulating the Metabolism in Diabetes and Cancer , Journal of Diabetes and Metabolic Disorders, ,,,.

5 Achala Bakshi, Mazahar Moin, M. S. Madhav, Meher B. Gayatri, Aramati B. M. Reddy, Raju Datla, P. B. Kirti (2020) , Target of Rapamycin: function in abiotic stress tolerance in Arabidopsis and its involvement in a possible cross-talk with ribosomal proteins , BioRxiv, ,,,.

- 4 Suresh Chava, Meher B. Gayatri, Aramati B.M. Reddy (2019) , EMT Contributes to Chemoresistance in Pancreatic Cancer , Breaking Tolerance to Pancreatic Cancer Unresponsiveness to Chemotherapy, ,,,.
- 3 Nyshadham S. N. Chaitanya (2019) , Pancreatitis: Clinical Aspects of Inflammatory Phenotypes , Exploring Pancreatic Metabolism and Malignancy, ,,,.
- 2 Aramati Bindu Reddy; Meher B. Gayatri; Suresh Chava (2019) , Abstract 4305: AMPK-RUNX2-mTORC2 axis involved in EMT of MDA-MB-231 breast cancer cells , AACR, Cancer Research, ,,,.
- 1 Suresh Chava, S. Chennakesavulu, B. Meher Gayatri (2018) , A novel phosphorylation by AMP-activated kinase regulates RUNX2 from ubiquitination in osteogenesis over adipogenesis , Cell Death and Disease, Nature,9,754,7 IF - 9.2.

Projects

Title	Year	Duration	Amount(In Lakhs)	PI/I
Hypoxia Alters Calcium Influx in the Glomerular Podocytes: Implications in Cytoskeletal Derangement and Proteinuria	2019	3	600000000000	P Anil Kumar