

## Department of Animal Health and management

S.NO	NAME	AREA OF SPECILAZATION	LINK
1	Dr. B. Vaseeharan Senior Professor and Head	Crustacean Molecular Biology &Genomics, Molecular Biology & Immunology and Nanoscience &Technology	<a href="https://www.alagappauniversity.ac.in/academics/faculty-of-science/school-of-biological-sciences/docs/36201.pdf">https://www.alagappauniversity.ac.in/academics/faculty-of-science/school-of-biological-sciences/docs/36201.pdf</a>
2	Dr. P. Srinivasan Professor	Phage Therapy Cancer & Diabetes Plant Derived Bioactive Compounds	<a href="https://www.alagappauniversity.ac.in/academics/faculty-of-science/school-of-biological-sciences/docs/34401.pdf">https://www.alagappauniversity.ac.in/academics/faculty-of-science/school-of-biological-sciences/docs/34401.pdf</a>
3	Dr. N. M. Prabhu Professor	Isolation of bioactive compounds herbal plants and marine seaweeds for anticancer properties. Isolation of therapeutic potential sulfated polysaccharides from seaweeds for Biomedical and Animal Health. Control and prevention of bacterial pathogens using plant compounds, probiotics and nanoparticles.	<a href="https://www.alagappauniversity.ac.in/academics/faculty-of-science/school-of-biological-sciences/docs/36401.pdf">https://www.alagappauniversity.ac.in/academics/faculty-of-science/school-of-biological-sciences/docs/36401.pdf</a>
4	Dr. M. Biruntha Assistant Professor	Vermiculture Technology: Using different technique for stabilization of domestic organic waste, organic	<a href="https://www.alagappauniversity.ac.in/academics/faculty-of-science/school-of-biological-sciences/docs/36402.pdf">https://www.alagappauniversity.ac.in/academics/faculty-of-science/school-of-biological-sciences/docs/36402.pdf</a>

		farming and solid waste treatment through vermicompost process Vermiculture and Vermicompost: The process of decomposition of organic wastes that depends upon earthworms for destruction, variety and upgrade of microbial activity	
5	<b>Dr. V. Nithya</b> Assistant Professor	Pharmacology and Cancer Biology Clinical Ophthalmology	<a href="https://www.alagappauniversity.ac.in/academics/faculty-of-science/school-of-biological-sciences/docs/36403.pdf">https://www.alagappauniversity.ac.in/academics/faculty-of-science/school-of-biological-sciences/docs/36403.pdf</a>
6	<b>Dr. P. Kumar</b> Assistant Professor	Nanomedicine Molecular Cancer Biology Systems Toxicology and Toxicogenomics	<a href="https://www.alagappauniversity.ac.in/academics/faculty-of-science/school-of-biological-sciences/docs/36404.pdf">https://www.alagappauniversity.ac.in/academics/faculty-of-science/school-of-biological-sciences/docs/36404.pdf</a>

## Department of Bioinformatics

S.NO	NAME	AREA OF SPECILAZATION	LINK
1	<b>Dr. J. Jeyakanthan</b> Senior Professor and Head, Chairperson	Small and Macro Molecule X-ray Crystallography	<a href="https://www.alagappauniversity.ac.in/academics/faculty-of-science/school-of-biological-sciences/docs/34101.pdf">https://www.alagappauniversity.ac.in/academics/faculty-of-science/school-of-biological-sciences/docs/34101.pdf</a>

2	Dr. Sanjeev Kumar Singh Professor	Viroinformatics Cancer informatics Bacteriology Lifestyle disorders	<a href="https://www.alagappauniversity.ac.in/academics/faculty-of-science/school-of-biological-sciences/docs/34301.pdf">https://www.alagappauniversity.ac.in/academics/faculty-of-science/school-of-biological-sciences/docs/34301.pdf</a>
3	Dr. M. Karthikeyan Professor	Human Molecular Genetics Pharmacogenomics and Computer Aided Drug Discovery Cell Signaling Database Creation & Management	<a href="https://www.alagappauniversity.ac.in/academics/faculty-of-science/school-of-biological-sciences/docs/34402.pdf">https://www.alagappauniversity.ac.in/academics/faculty-of-science/school-of-biological-sciences/docs/34402.pdf</a>
4	Dr. RM. Vidhyavathi Assistant Professor	Research Expertise	<a href="https://www.alagappauniversity.ac.in/academics/faculty-of-science/school-of-biological-sciences/docs/34303.pdf">https://www.alagappauniversity.ac.in/academics/faculty-of-science/school-of-biological-sciences/docs/34303.pdf</a>
5	Dr. J. Joseph Sahayarayana Assistant Professor	Plant Bioinformatics	<a href="https://www.alagappauniversity.ac.in/academics/faculty-of-science/school-of-biological-sciences/docs/34405.pdf">https://www.alagappauniversity.ac.in/academics/faculty-of-science/school-of-biological-sciences/docs/34405.pdf</a>
6	Dr. P. Boomi Assistant Professor	Material Chemistry, Environmental Chemistry, Electro Analytical Chemistry, Nano material synthesis, polymer synthesis, Electrochemistry, Bio-inorganic chemistry, Self-assembly	<a href="https://www.alagappauniversity.ac.in/academics/faculty-of-science/school-of-biological-sciences/docs/34404.pdf">https://www.alagappauniversity.ac.in/academics/faculty-of-science/school-of-biological-sciences/docs/34404.pdf</a>

		nanoparticles synthesis using small molecules, nano drug delivery, Antimicrobial activity and Anticancer activity.	
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### **Department of Biomedical Science**

S.NO	NAME	AREA OF SPECILAZATION	LINK
1	Dr. K. Langeswaran Assistant Professor & Head i/c	: Molecular Oncology, Cancer Informatics, Environmental Toxicology	<a href="https://www.alagappauniversity.ac.in/academics/faculty-of-science/school-of-biological-sciences/docs/54406.pdf">https://www.alagappauniversity.ac.in/academics/faculty-of-science/school-of-biological-sciences/docs/54406.pdf</a>

### **Department of Biotechnology**

S.NO	NAME	AREA OF SPECILAZATION	LINK
1	Dr. K. Balamurugan Senior Professor and Head	Host pathogen-interactions using C. elegans as model organism Understanding innate immune regulations through functional genomics, proteomics and metabolomics Studying the multigenerational adaptation during bacterial infections through multiOMICS study	<a href="https://www.alagappauniversity.ac.in/academics/faculty-of-science/school-of-biological-sciences/docs/54102.pdf">https://www.alagappauniversity.ac.in/academics/faculty-of-science/school-of-biological-sciences/docs/54102.pdf</a>

2	Dr. A. Veera Ravi Professor	<ul style="list-style-type: none"> <li>• Bacterial communication system- Quorum sensing •</li> <li>Identification of Anti- QS compounds against Bacterial pathogens</li> <li>• Probiotics for aquaculture •</li> <li>Marine natural products •</li> <li>Zebrafish model system for understanding bacterial infections</li> <li>• Nanomaterials for aquaculture •</li> <li>Photocatalytic bacterial deactivation •</li> <li>Targeted therapy using bacterial membrane as nanocarriers.</li> </ul>	<a href="https://www.alagappauniversity.ac.in/academics/faculty-of-science/school-of-biological-sciences/docs/54401.pdf">https://www.alagappauniversity.ac.in/academics/faculty-of-science/school-of-biological-sciences/docs/54401.pdf</a>
3	Dr. M. Ramesh Professor	Genetic Transformation. Ex situ Conservation. Computational Omics. Elicitation.	<a href="https://www.alagappauniversity.ac.in/academics/faculty-of-science/school-of-biological-sciences/docs/54402_23062025.pdf">https://www.alagappauniversity.ac.in/academics/faculty-of-science/school-of-biological-sciences/docs/54402_23062025.pdf</a>
4	Dr. K. Pandima Devi Professor	<ul style="list-style-type: none"> <li>• Exploring multi target anticancer and anti-Alzheimer's natural product leads through in silico, in vitro and in vivo approaches •</li> <li>Elucidation of molecular mechanisms underlying the anticancer and neuroprotective effect of natural products •</li> </ul>	<a href="https://www.alagappauniversity.ac.in/academics/faculty-of-science/school-of-biological-sciences/docs/54403.pdf">https://www.alagappauniversity.ac.in/academics/faculty-of-science/school-of-biological-sciences/docs/54403.pdf</a>

		Enhancing the bioavailability and drug delivery of natural leads by nano encapsulation.	
5	Dr. S. Gowrishankar Assistant Professor	Molecular Epidemiology: Molecular characterization of multidrug resistant clinical pathogens, especially MRSA. Antivirulence Therapy -“Pathoblockers”: An alternative approach to combat AMR. Molecular insights into the mode of action of antivirulence agents through OMICS approach. Phage Therapy: Therapeutic characterization of phages against human and aquaculture pathogens. Repurposing of Antifungal Drugs: success through synergistic combination with antivirulence agents.	<a href="https://www.alagappauniversity.ac.in/academics/faculty-of-science/school-of-biological-sciences/docs/54405.pdf">https://www.alagappauniversity.ac.in/academics/faculty-of-science/school-of-biological-sciences/docs/54405.pdf</a>
6	Dr. K. Langeswaran Assistant Professor	Molecular Oncology, Cancer Informatics, Environmental Toxicology	<a href="https://www.alagappauniversity.ac.in/academics/faculty-of-science/school-of-biological-sciences/docs/54406.pdf">https://www.alagappauniversity.ac.in/academics/faculty-of-science/school-of-biological-sciences/docs/54406.pdf</a>
7	Dr.V.	Screening of Novel Antibiotics from marine organisms	<a href="https://www.alagappauniversity.ac.in/academics/faculty-of-s">https://www.alagappauniversity.ac.in/academics/faculty-of-s</a>

	<b>Balasubramanian</b> <b>Assistant Professor</b>	<b>Marine Biofilm and Biofouling Control Strategies Contact Teaching Experience: 8 Years Research Experience: 13 Years Academic and Additional Responsibilities Areas of Research Microbial Ecology Ocean Microbial Metagenomics Small Protein – Ligand Interactions Heavy Metal Bioremediation</b>	<a href="#"><u>science/school-of-biological-sciences/docs/54407.pdf</u></a>
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## Department of Botany

S.NO	NAME	AREA OF SPECILAZATION	LINK
	<b>Dr. Sanjeev Kumar Singh</b>  <b>Professor and Head i/c</b>		