

	Name of Teaching Staff	Dr. Sandhya Kumaraswamy				
	Designation	Adjunct Professor				
	Date of Birth	08.07.74				
	Unique ID					
	Education Qualifications	<b>Name of the Degree</b>	<b>Class</b>	<b>Grade</b>		
	<b>UG</b>	BSc Genetics, Zoology and Chemistry	First	-		
	<b>PG</b>	MSc Animal Sciences	First	-		
	<b>Ph. D</b>	Biochemistry		-		
	<b>Other</b>	-	-	-		
	Work Experience					
	<b>Teaching</b>	1 year				
	<b>Research</b>	~10 years				
	<b>Industry</b>	~17 years				
	<b>Others</b>	-				
	Area of Specialization	Cancer Biology, Biochemistry, Molecular Biology, Biopharma Drug Regulatory affairs, Biopharmaceutical Manufacturing and Operations, Good manufacturing Practices				
	Courses taught at Diploma /Post Diploma / Under Graduate / Post Graduate /Post Graduate Diploma level	Regulatory Affairs and Clinical trials, Bioethics in Biopharma, Biosimilar Technology, Animal Biotechnology, Phamracetuical Biotechnology				
	Research guidance	During Post-doctoral fellowship mentored research assistants on lab projects				
	No. of papers published	National Journals –	International Journals – 5			
		National Conference –	International Conference-4			
		1979	Complete d	Ongoing		
		Master				
		Ph. D.				
	Projects Carried out					
	Patents (Filed& Granted)	-				
	Technology Transfer	During Industry experience Internal and External technology transfer to MoH associated labs (Ukraine, Argentina, Kazakhstan, Russia, Cinnagen, NIB India).Trained CDSCO certified lab personnel on drug bioassays				
	Research Publications (No. of papers published in National / International	1. Krupa A, Sandhya K, Srinivasan N, Jonnalagadda S. A conserved domain in prokaryotic bifunctional FAD synthetases can potentially catalyze nucleotide transfer. Trends Biochem Sci. 2003 Jan;28(1):9-12.				

<b>Journals / Conferences)</b>	<ol style="list-style-type: none"> <li>2. Radiation-Induced Gene Translation Profiles Reveal Tumor Type and Cancer-Specific Components. Kumaraswamy, Sandhya, Chinnaiyan, Prakash, Shankavaram, Uma T. Lü, Xing, Camphausen, Kevin, Tofilon, Philip J. <i>Cancer Res</i> (2008) 68 (10): 3819-3826.</li> <li>3. Inhibition of Histone Deacetylase 6 Acetylates and Disrupts the Chaperone Function of Heat Shock Protein 90. Bali, Purva et al. <i>Journal of Biological Chemistry</i>, Volume 280, Issue 29, 26729 - 26734</li> <li>4. Cotreatment with Vorinostat (Suberoylanilide Hydroxamic Acid) Enhances Activity of Dasatinib (BMS-354825) against Imatinib Mesylate-Sensitive or Imatinib Mesylate-Resistant Chronic Myelogenous Leukemia Cells. Fiskus W., et al. <i>Clin Cancer Res</i>. 2006 Oct 1;12(19):5869-78.</li> <li>5. Guo F, Rocha K, Bali P, Pranpat M, Fiskus W, Boyapalle S, Kumaraswamy S, Balasis M, Greedy B, Armitage ES, Lawrence N, Bhalla K. Abrogation of heat shock protein 70 induction as a strategy to increase antileukemia activity of heat shock protein 90 inhibitor 17-allylaminodemethoxy geldanamycin. <i>Cancer Res</i>. 2005 Nov 15;65(22):10536-44.</li> <li>6. Fiskus W, Pranpat M, Bali P, Balasis M, Kumaraswamy S, Boyapalle S, Rocha K, Wu J, Giles F, Manley PW, Atadja P, Bhalla K. Combined effects of novel tyrosine kinase inhibitor AMN107 and histone deacetylase inhibitor LBH589 against Bcr-Abl-expressing human leukemia cells. <i>Blood</i>. 2006 Jul 15;108(2):645-52. doi: 10.1182/blood-2005-11-4639</li> <li>7. IBC's 21st International Intensive Symposium on Biological Assay Development and Validation, San Francisco, USA May11-14th 2011</li> <li>8. "Role of Bioassays in Biosimilars" at the USP-SSS at Mumbai , in Feb 2012.</li> <li>9. Navigating the regulatory landscape of Biosimilars-Talk at a Short term training programme on Drug Development and Regulatory Affairs organized by MAKAUT-Maulana Abul Kalam Azad University of Technology-West Bengal;July 2021</li> <li>10.Delivered a talk on Quality management systems in Pharma at Bio-Pharma Asia, Suntec Convention Centre, Singapore; March 23rd to March 24th 2015</li> <li>11.Panel member and Advisory board; Bio-Pharma India 2015.</li> <li>12.Delivered a talk on "Data Integrity in Biopharmaceuticals at Bio-Pharma India Mumbai, November 3rd-4th 2015</li> </ol> <p>Remaining Papers available on request.</p>
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	No. of Books published with details (Name of the book, Publisher with ISBN, year of publication, etc.)	-
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