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Designation	<b>Assistant Professor</b>			
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Educational Qualification (from UG Level onwards)	<b>Degree</b>	<b>Institution/University</b>	<b>Month &amp; Year of Passing</b>	<b>Class/%/CGPA</b>
	B.Sc Biotechnology	Indira Gandhi College of Arts and Science, Puducherry/Pondicherry University	May,2004	69.7
	M.Sc, Biotechnology	Pondicherry University	May,2006	8.2
	PhD, Biotechnology	Pondicherry University	April,2013	
Teaching Experience	UG: Biotechnology, Indira Gandhi College of Arts and Science, Puducherry	Years: 7 Months: 10	PG: Industrial Biotechnology, Bharathidasan University	Years: 5 Months: 5
Research Experience/Area of Specialisation	Cancer Biology, Natural product research			
No. of Papers Presented in Conference/ Seminars/ Symposia	National:	1	International:	7
No. of Papers Published in Journals/Books	National:		International:	7
No. of Conference/ Seminars/Symposia Organized	Workshop: 1		Seminar: 1	Conference:

No. of Conference/ Seminars/Symposia Attended	Workshop: 2		FDP:		Confer ence: 6
Refresher course attended	1				
Orientation course attended	1				

Details of Papers Presented in  
Conference/ Seminars/  
Symposia

1. Presented paper in International conference on “Biotechnology and its applications in Aquaculture and Fisheries”, Centre of Advanced study in Marine Biology, Annamalai University, Chidambaram, 23<sup>rd</sup> -25<sup>th</sup> August, 2017.
  - i. Title: Molecular assessment of sugarcane rhizospheric bacteria for functional traits.
2. Presented paper in International seminar on Novel avenues in Environmental Issues and Protection “Bioenviron-18”, School of Biosciences, Marudupandiyar College, Tanjavur, 15<sup>th</sup> -16<sup>th</sup> February, 2018.
  - i. Title: Application of Nanotechnology in agriculture- A review.
3. Presented a paper in a National conference on “Immune response of marine fishes with respect to heavy metal pollution” conducted by Centre of Advanced study in Marine Biology, Parangipettai, held on 5<sup>th</sup>& 6<sup>th</sup> August 2016.
  - i. Title: Apoptosis in human colon cancer cell line HT-29 is induced by marine *Bacillus pumilus* MB 40 secondary metabolite.
4. Poster Presentation in **International Conference on Industrial Biotechnology**, IX Convention of The Biotech Research Society, India, Indo-Italian Workshop on Food Biotechnology: Industrial Processing, Safety & Health, Department of Biotechnology, Punjabi University, Patiala, November 21-23, 2012.
  - i. Poster Title: Evaluation of in vitro anti-proliferative and anti metastatic activities of Bis (2-ethylhexyl) phthalate isolated from marine *Bacillus pumilus* MB40.
5. Poster Presentation in **International Conference on New Horizons in Biotechnology** (NHBT-2011), Department of Biotechnology, National Institute of Interdisciplinary Science and Technology (CSIR), Trivandrum, India, November 21-24, 2011.
  - i. Poster Title: Bioactive compounds from marine bacteria downregulate proinflammatory cytokines in mitogen induced PBMC.
6. Poster Presentation in **International Conference on Genomic Sciences 2010** & VII Convention of Biotech Research Society, India (BRSI) & Indo-Italian Workshop on Industrial and Pharmaceutical Biotechnology, School of Biological Sciences, Madurai Kamaraj University, Madurai, India. November 12-14, 2010.
  - i. Poster Title: Induction of Apoptosis and cell cycle arrest by Bis (2-ethylhexyl) phthalate produced by Marine *Bacillus pumilis* MB 40.
7. Poster Presentation in **International conference on bioprocesses in food industries** and fifth convention of BRSI. Nov. 6-8, 2008. Osmania University, Hyderabad, India.
  - i. Poster Title: Phthalate esters from *Wrightica tinctoria* down regulate pro-inflammatory cytokines in PBMCs.
8. Poster Presentation in **International conference on molecular biology and biotechnology**. Banasthali Vidhyapith Banasthali, Rajasthan. India. OCT. 19-21, 2008.
  - i. Poster Title: Development of transgenic *Gluconacetobacter diazotrophicus* containing *Cry1Ac* gene for the control of *Eldina saccharina*.

Details of Papers Published in Journals/Books

1. A.Parthiban, J. Muthukumar, **A. Moushumi Priya**, S. Jayachandran, R. Krishna and H. Surya Prakash Rao. Design, synthesis, molecular docking studies and biological evaluation of N-methyl-3-nitro-4-(nitromethyl)-4H-chromen-2-amine derivatives containing 4H-chromene moiety as potential anticancer agents. *Medicinal Chemistry Research*. 2014, 23, 642-659. **IF: 1.27**.
2. K. R. Rupesh, **A. Moushumi Priya**, K. Prashanth and S. Jayachandran. Inhibitory effects of bioactive leads isolated from *Pseudomonas aeruginosa* PS3 and *Pseudomonas fluorescens* PS7 on MAP kinases and down regulation of pro inflammatory cytokines (TNF- $\alpha$ , IL-1 $\beta$ ,) and mediators (NO, iNOS and COX). *Toxicology In vitro*. June 2012, 26 (4), 571–578. **IF: 2.546**.
3. **A. Moushumi Priya** and S. Jayachandran. Induction of Apoptosis and cell cycle arrest by Bis (2-ethylhexyl) phthalate produced by Marine *Bacillus pumilus* MB 40. *Chemico Biological Interaction*. 2012, 195,133–143. **IF: 2.832**.
4. M. Subashini, **A. Moushumi Priya**, B. Sundarakrishnan, S. Jayachandran. Recombinant *Gluconacetobacter diazotrophicus* Containing Cry1Ac Gene Codes for 130-kDa Toxin Protein. *Journal of Molecular Microbiology Biotechnology*. August, 2011, 20, 236-242. **IF: 2.648**.
5. K. Ashalatha, Y. Venkateswarlu, **A. Moushumi Priya**, P. Lalitha, M. Krishnaveni and S. Jayachandran. Anti inflammatory potential of *Decalepis hamiltonii* (Wight and Arn) as evidenced by down regulation of pro inflammatory cytokines—TNF- $\alpha$  and IL-2. *Journal of Ethnopharmacology*. 6 July 2010, 130 (1), 167-170. **IF: 2.986**.
6. K. R. Rupesh, **A. Moushumi Priya**, B. Sundarakrishnan, R. Venkatesan, B.S Lakshmi and S. Jayachandran. 2, 2'- bipyridyl based Copper complexes down regulate expression of pro-inflammatory cytokines and suppress MAPKs in mitogen induced Peripheral blood mononuclear cells. *European Journal of Medicinal Chemistry*. June 2010, 45 (6), 2141-2146. **IF: 3.096**.
7. P. Saravanan, **A. Moushumi Priya**, B. Sundarakrishnan, V.P.Venugopalan, T.S. Subbarao and S. Jayachandran. Effects of thermal discharge from a nuclear power plant on culturable bacteria at a tropical coastal location in India. *Journal of Thermal Biology* 2008,33; 385-394. **IF: 1.305**.

<p>Details of Conference/ Seminars/Symposia Attended</p>	<ol style="list-style-type: none"> <li>9. Hands on workshop “Animal handling, sampling and Histopathology” in the International Conference on the role of toxicology in public health conducted by CARETS, CIDRF, Sri Balaji Vidhyapeeth, Kirmampakkam, Puducherry on 29/10/2018 and 30/10/2018.</li> <li>10. Attended UGC Sponsored Winter Refresher Course in Sciences (Life Science) conducted by UGC-HRDC, Pondicherry University, 5<sup>th</sup> -25<sup>th</sup> December, 2017.</li> <li>11. Attended Hands-on-training program in “Mushroom cultivation” and “Vermi-composting”, Centre for Environmental and Agricultural Development, Puducherry, 12<sup>th</sup> -13<sup>th</sup> February, 2018.</li> <li>12. Attended “Bio-Gene-sys-2018”, DST-SERB National Symposium on “Trends in Biochemistry in Post-Genomic Era” in conjunction with National Science Day, Department of Biochemistry and Molecular Biology, Pondicherry University, 27<sup>th</sup>-28<sup>th</sup> February, 2018.</li> <li>13. Attended National Symposium on “Skill development in Frontiers Areas of Biological Sciences for Nation Building”, Department of Biotechnology, Pondicherry University, 5<sup>th</sup> March, 2018.</li> <li>14. Participated in the post RTIP - 2016 seminar on “Export potential of medicinal plants in India ExpoMePin-2016”organised by Department of Pharmacognosy, College of Pharmacy, Puducherry on 28<sup>th</sup> July 2016.</li> <li>15. Participated in the National Conference on “Emerging Trends in Target Based Drug Discovery”on 29<sup>th</sup> August 2016 sponsored by ICMR which was organised by the Department of Pharmaceutical chemistry, College of Pharmacy, Mother Theresa Post Graduate Institute of Health Sciences, Puducherry.</li> <li>16. One day national Symposium on “<b>Technology enabled higher education-opportunities and challenges</b>” held at Indira Gandhi collage of Arts and Science, Puducherry.</li> <li>17. Attended <b>one day seminar on “Whole genome sequencing</b>” organized by Puduvai life line hospital, Puducherry on 21.09.2014.</li> <li>18. Conducting <b>Hands-on workshop</b> on “Molocular and cellular basis of anti-microbial immune responses in the gastrointestinal tract” (February 26 to March 2, 2007), Department of Gastrointestinal Sciences, Christian Medical College &amp; Hospital, Vellore.</li> </ol>
<p>Details of Refresher course attended</p>	<p>Winter Refresher Course in Sciences (Life Science), Pondicherry University, 5<sup>th</sup> - 25<sup>th</sup> December, 2017, UGC-HRDC</p>
<p>Details of Orientation course attended</p>	<p>Orientation course, Pondicherry University, 28 days, UGC-MHRD</p>
<p>Other relevant information, if any (Achievements, Awards, etc.)</p>	<ul style="list-style-type: none"> <li>• M.Sc. Scholarship (2004-2006): Combined Biotechnology Entrance Examination, Jawaharlal Nehru University, New Delhi.</li> <li>• GATE-LS (2007): Indian Institute of Technology, Kanpur.</li> <li>• CSIR-NET-LS (2009): Council of Scientific and Industrial Research, New Delhi.</li> <li>• CSIR-SRF-TDR (2013): Council of Scientific and Industrial Research, New Delhi.</li> <li>• Invited as Judge for the conduct of <b>Regional Level Science Seminar, 2019</b>, in Govt. Girls Hr. Sec. School, Kathirkamam, Puducherry.</li> <li>• Invited as Judge for the conduct of <b>Regional Level Science Exhibition- 2019</b>, in Jeevanandam Govt. Hr. Sec. School, Nelithope, Puducherry.</li> </ul>