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Dr. VENKATA S THOKALA

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| Work History | Postdoctoral Researcher 06/2022 to Current Temple University, Philadelphia, PA* Contributed to and actively participated in research conception, design and execution to address defined problems.
* Pursued independent and complementary research interests.
* Participated in discussions, seminars and lectures at different events.

Senior Research Fellow 10/2018 to 09/2021 Jamia Millia Islamia * Procured prestigious fellowship from Indian Council of Medical Research, India to continue PhD at Jamia Millia Islamia, India.
* Performed scientific research on multiple projects.
* Authored professional scientific papers for publishing in peer-reviewed journals.
* Presented talks at multiple conferences, speaking about research topics of interest and related subjects.
* Published research in high impact factor journals.
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| Skills |

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| * Bacteria and Fungi cultures
* Microscopy
* qRT-PCR
 | * PCR
* Western blotting
* Mice model
 | * Cell lines
* ELISA based assays
* Biochemical assays
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| Education | Jamia Millia Islamia, New Delhi Ph.D., Biosciences, 03/2022Jain University, Bangalore Master of Philosophy, Biochemistry, 12/2013Bangalore University, Bangalore Master of Science, Applied Genetics, 06/2010 |

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| Accomplishments |

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| PUBLICATIONS* Saibabu V, Relangi TR, Hameed S and Luqman Ahmad Khan LA. Effect of octyl gallate on the metabolic profiles of Candida albicans. FEMS Yeast Research (to be submitted).
* Saibabu V, Fatima Z, Khan LA, Hameed S. (2020). Efficiency of vanillin in impeding metabolic adaptability and virulence of Candida albicans by inhibiting glyoxylate cycle, morphogenesis, and biofilm formation. Current Medical Mycology. 6(1): 1-8.
* Saibabu V, Fatima Z, Khan LA, Hameed S. (2020). Mechanistic Insights into the Anticandidal Action of Vanillin Reveal Disruption of Cell Surface Integrity and Mitochondrial Functioning. Infectious Disorders - Drug Targets, 20, 1-11.
* Saibabu V, Fatima Z, Khan LA, Hameed S. (2020). Vanillin confers antifungal drug synergism in Candida albicans by impeding CaCdr2p driven efflux. Journal de Mycologie Me´ dicale 30, 1-8.
* Saibabu V, Fatima Z, Kamal A, Khan LA, Hameed S. (2019) Octyl gallate triggers dysfunctional mitochondria leading to ROS driven membrane damage and metabolic inflexibility along with attenuated virulence in Candida albicans. Medical Mycology, 2019, 0, 1–13.
 | * Saibabu V, Fatima Z, Khan LA, Hameed S. (2018) Revisiting the in-vitro Assays for Antifungal Evaluation of Natural Products. Current Pharmacogenomics and Personalized Medicine. 16, 69-74.
* Saibabu V, Fatima Z, Khan LA, Hameed S (2015).Therapeutic potential of dietary phenolic acids. Adv Pharmacol Sci. 2015:1-10

**ACHIEVEMENTS*** Awarded Senior research fellowship from Indian Council for Medical Research, Government of India
* Awarded junior research fellowship from DST, India to work in Amity University during 2015.
* Awarded certification of competence in Workshop on Handling and Care of Laboratory Animals” organized by National Brain Research Centre, India.
* Awarded best poster prize in “Colloquium for Mycobacterial diseases” held on 12th -13th April, 2016 at Amity University, Jaipur.
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| Certifications | Workshop on Handling and Care of Laboratory Animals |

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| Languages |

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| **English:** Full Professional |  | **Telugu:** Native or Bilingual |
| **Hindi:** Full Professional |  | **Kannada:** Limited Working |

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| SEMINARS/CONFERENCES PARTICIPATED | * Given a talk at the The american association for dental oral and craniofacial research Annual meeting & exhibition 2023, Portland, Oregon, USA.
* Presented poster in “World congress on Biotechnology-2019 Current Research & Innovations in Biotechnology” held on 28 & 29 August 2019 at Indian Institute of Science, India.
* Presented poster in the international conference “FEMS online Conference on Microbiology 2020” held virtually during 28-31 October 2020 by Federation of European Microbiologist Societies.
* Presented poster in the international conference “ASM MICROBE 2020” held virtually on July2020 by American society of microbiology.
* Presented poster in the international conference “Phytomedicine-2018 held during 29 - 31 August at Bharathiar University, India.
* Presented poster in UGC-SAP National Seminar on Recent Advances in Environmental Toxicology, Dept. Of Biosciences, Jamia Millia Islamia, New Delhi-25, February 13-14, 2017.
* Presented poster in “Colloquium for Mycobacterial diseases” held on 12 -13 April, 2016 at Amity University, Jaipur.
* Presented poster in “First International Conference on Human Implications of Biotechnology” (ICHIB) organised by the Centre for Biological Sciences (CBS) of Central University of South Bihar, Feb 12-14, 2016.
* Presented poster in “International conference on applications of natural products and opportunities ahead (ICAN 2016)” organized by B.S. Abdur Rahman University, Chennai in association with University of East London, Aug 2-3, 2016.
* Presented poster in National Symposium on Lipids in the forefront: A lot more to discover. Held during December 14-15, 2016 at Amity University, India.
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| LinkedIn | https://www.linkedin.com/in/sai-tv-784048229 |

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| personal details | DOB18-08-1987NationalityIndianMarital statusSingle |

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| REFERENCES | Prof. Luqmam.A.Khan  Dept. of Biosciences   Jamia Millia Islamia  New Delhi – 517507, India  Email: lkhan@jmi.ac.in; luqmank5@rediffmail.com  Ph: +91 9871011198 Dr. Thulasi Rao RelangiPost-doctoral research fellowDept. Of Immunology,UT Southwestern Medical CenterDallas, TX - 75235Email: tulasirao.relangi@utsouthwestern.eduPh: +1 (214) 869-2395 |