
BIOGRAPHICAL SKETCH

NAME: Madhu P Mamidala

eRA COMMONS USER NAME (credential, e.g., agency login): mmamidal

POSITION TITLE: Research Coordinator II

EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE (if applicable)	Completion Date MM/YYYY	FIELD OF STUDY
Osmania University, India	Bachelor of Science	05/2006	Chemistry, Microbiology and Biotechnology
Osmania University	Master of Science	05/2008	Biochemistry
Birla Institute of Technology and Science, Pilani - Hyderabad,	Doctor of Philosophy (Ph.D)	03/2017	Molecular Epidemiology

A. Personal Statement

I completed my Doctoral degree from India in the field of Molecular Epidemiology. I joined Dept. of Otolaryngology – Head & Neck Surgery as Research Coordinator in August 2017 and have been involved in 10 clinical trials, one CDC funded project and 90 other chart review projects.

B. Positions and Honors

2017 – Research Coordinator II, University of Tennessee Health Science Center

C. Contributions to Science

Publications

1. Reed, L., **Mamidala, M.**, Stocks, R., & Sheyn, A. (2020). Factors Correlating to Burnout among Otolaryngology Residents. *Annals of Otolology, Rhinology & Laryngology*, 0003489420903329.
2. Tansey, J. B., Hamblin, J., **Mamidala, M.**, Thompson, J., Mclevy, J., Wood, J., & Sheyn, A. (2020). Dexamethasone Use in the Treatment of Pediatric Deep Neck Space Infections. *Annals of Otolology, Rhinology & Laryngology*, 129(4), 376-379.
3. Muller, R. G., **Mamidala, M. P.**, Smith, S. H., Smith, A., & Sheyn, A. (2019). Incidence, epidemiology, and outcomes of pediatric tracheostomy in the United States from 2000 to 2012. *Otolaryngology–Head and Neck Surgery*, 160(2), 332-338.
4. Rhodes, C. B., Eid, A., Muller, G., Kull, A., Head, T., **Mamidala, M.**, Gillespie, M. B. & Sheyn, A. (2018). Postoperative monitoring following adenotonsillectomy for severe obstructive sleep apnea. *Annals of Otolology, Rhinology & Laryngology*, 127(11), 783-790.

5. **Madhu P. Mamidala**, Anupama Polinedi, Praveen K. PTV, Rajesh N., OmSai R. Vallamkonda, Vrajesh Udani, Nidhi Singhal, Vidya Rajesh, "Prenatal, perinatal, and neonatal risk factors of Autism Spectrum Disorder: A comprehensive epidemiological assessment from India", *Research in Developmental Disabilities*, 2013; 34(9):3004-3013.
6. **Madhu P. Mamidala**, Anupama Polinedi, Praveen K. PTV, Rajesh N., OmSai R. Vallamkonda, Vrajesh Udani, Nidhi Singhal, Vidya Rajesh, "Maternal hormonal interventions as a risk factor for Autism Spectrum Disorder: an epidemiological assessment from India", *Journal of Biosciences*, 2013; 38:1–6.
7. **Madhu P. Mamidala**, Mahesh Kalikiri, Praveen K. PTV, OmSai R. Vallamkonda, Rajesh N, Vidya Rajesh, "Consanguinity in India and its association with Autism Spectrum Disorder". *Autism Research*, 2015; 8(2):224-228.
8. **Madhu P. Mamidala**, N Rajesh, Vidya Rajesh, "Mass spectrometric evaluation of neurotransmitter levels in IMR 32 cell line in response to Ayurvedic medicines". *Rapid Communications in Mass Spectrometry*, 2016; 30:1413-1422.
9. Mahesh Kumar Kalikiri, **Madhu P Mamidala**, Ananth N Rao, Vidya Rajesh, "Analysis and Functional Characterization of Sequence Variations in Ligand Binding Domain of Thyroid hormone receptors in Autism Spectrum Disorder (ASD) patients". *Autism Research*, 2017 *Autism Research*. doi:10.1002/aur.1838.