

Ambili M.

PhD in Microbiology

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Research Area: Molecular investigations of pathogen epidemiology, Development and application of novel DNA-based technologies as risk assessment tools to address problems related to water pollution.

Academic Qualification

Degree	Year	Details
Ph.D.	2023	Microbiology, Thesis Title: "Comprehensive bacteriological risk assessment of drinking water sources using multiplex PCR and real time PCR", University of Calicut, Kerala, India. Thesis advisor: Dr. Denoj Sebastian
M. Sc.	2012	Medical Microbiology, Kannur University, India.

Professional Background

Designation	Duration	Institution
Senior Scientific Officer	March 2021– March 2022	Spice health care Pvt Ltd, Kasaragod, Kerala, India
Research Scholar	August 2014- March 2023	Department of Life Sciences, University of Calicut
Post Graduate Scientific Apprentice	March 2014- August 2014	Kerala State Pollution Control Board, India
Microbiologist	January 2014- March 2014	Padma poly clinic, Kanhangad, Kerala

Awards/Honors/Recognitions/Aclamations

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- ICAR- NET, 2016
 - INSPIRE Fellowship from DST, 2014
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Specific Scientific/Technical contributions

Developed multiplex PCR and quantitative real time PCR based methods for rapid detection of waterborne bacterial pathogens

Publications – 3

- **M, Ambili**, and Denoj Sebastian. "Evaluation of Sensitivity and Cost- Effectiveness of Molecular Methods for the Co-detection of Waterborne Pathogens in India." *Marine biotechnology* (New York, N.Y.), 10.1007/s10126-021-10078-9. 29 Oct. 2021, doi:10.1007/s10126-021-10078-9. Published by SPRINGER with Impact factor 3.619.
- **Ambili M** and Denoj Sebastian. "Assessment of bacteriological quality of drinking water from North Kerala, India ". *Bioscience Biotechnology Research Communications*.12 (2):239- 244 (2019). DOI: 10.21786/bbrc/12.2/5.
- **Ambili M** and Denoj Sebastian. "Microbiological analysis of drinking water from Malabar region of Kerala". Proceedings of the International Conference on Biodiversity and Evaluation: Perspectives and Paradigm shifts. Organized by Sree Sankara College, Kalady in association with the department of Marine Biology, Microbiology & Biochemistry, School of Marine Science, CUSAT, Cochin. 2015; 223-226 (ISBN 978-93-80095-70- 7).

REFERENCES

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