



Kesava Priyan Ramasamy

WORK EXPERIENCE

Postdoctoral Researcher

Umea University [19/02/2020 – Current]

City: Umea

Country: Sweden

Postdoctoral Researcher

Tallinn University of Technology [07/03/2019 – 18/02/2020]

City: Tallinn

Country: Estonia

Postdoctoral Researcher

Nanyang Technological University [28/08/2017 – 19/02/2019]

Country: Singapore

Project Assistant

National Institute of Oceanography [11/01/2011 – 12/04/2013]

City: Goa

Country: India

EDUCATION AND TRAINING

B.Sc Zoology (Spl in Biotechnology)

The American College [10/06/2005 – 30/04/2008]

Address: Tallakulam, Tamil Nadu, 625002 Madurai (India)

M.Sc Marine Biotechnology

Bharathidasan University [07/07/2008 – 30/04/2010]

Address: Department of Marine Biotechnology, 620024 Tiruchirappalli (India)

Ph.D Life Sciences (Environmental Sciences and Public Health)

University of Camerino [31/05/2013 – 18/10/2016]

Address: School of Biosciences and Veterinary Medicine Via Gentile III Da Varano, 62032 Camerino MC (Italy)

PUBLICATIONS

Response of coastal *Shewanella* and *Duganella* bacteria to planktonic and terrestrial food substrates (Under Review)

Li Zhao, Sonia Brugel, Kesava Priyan Ramasamy and Agneta Andersson. *Frontiers in Microbiology*

Biogenic Synthesis of Copper Nanoparticles Using Bacterial Strains Isolated from an Antarctic Consortium Associated to a Psychrophilic Marine Ciliate

[2021]

Maria Sindhura John, Joseph Amruthraj NagothJ, Marco Zannotti, Rita Giovannetti, Alessio Mancini, Kesava Priyan Ramasamy, Cristina Miceli, Sandra Pucciarelli. *Marine Drugs* 2021, 19(5), 263.

Genomic features and copper biosorption potential of a new *Alcanivorax* sp. VBW004 isolated from the shallow hydrothermal vent (Azores, Portugal)

[2020]

Kesava Priyan Ramasamy, Raju Rajasabapathy, Inga Lips, Chellandi Mohandass, Rathinam Arthur James. *Genomics* 112 (5), 3268-3273.

Horizontal gene transfer and silver nanoparticles production in a new *Marinomonas* strain isolated from the Antarctic psychrophilic ciliate *Euplotes focardii*

[2020]

Maria Sindhura John#, Joseph Amruthraj Nagoth#, Kesava Priyan Ramasamy#, Patrizia Ballarini1, Matteo Mozzicafreddo1, Alessio Mancini, Andrea Telatin, Pietro Liò, Gabriele Giuli, Antonino Natalello, Cristina Miceli, Sandra Pucciarelli. *Nature, Scientific reports*,10, 10218.

Synthesis of Bioactive Silver Nanoparticles by a *Pseudomonas* Strain Associated with the Antarctic Psychrophilic Protozoon *Euplotes focardii*

[2020]

Maria Sindhura John, Joseph Amruthraj Nagoth, Kesava Priyan Ramasamy, Alessio Mancini,, Gabriele Giuli, Antonino Natalello, Patrizia Ballarini, Cristina Miceli, Sandra Pucciarelli. *Marine Drugs* 18 (38).

Bacterial communities associated with healthy and diseased (skeletal growth anomaly) reef coral *Acropora cytherea* from Palk Bay, India

[2020]

Raju Rajasabapathy, Kesava Priyan Ramasamy, Balakrishnan Manikandan, Chellandi Mohandass, Rathinam Arthur James. *Frontiers in Marine Sciences*. 7:92

Draft genome sequence of a new *pseudomonas* sp. Strain, ef1, Associated with the psychrophilic Antarctic ciliate *Euplotes focardii*

[2019]

Kesava Priyan Ramasamy, Andrea Telatin, Matteo Mozzicafreddo, Cristina Miceli, Sandra Pucciarelli. *Microbial Resource Announcement*, 8:e00867-19.

Antarctic marine ciliates under stress: superoxide dismutases from the psychrophilic *Euplotes focardii* are cold-active yet heat tolerant enzymes

[2019]

Alessandro Pischedda, Kesava Priyan Ramasamy, Marco Mangiagalli, Federica Chiappori, Luciano Milanese, Cristina Miceli, Sandra Pucciarelli, Marina Lotti. Scientific reports 8 (1), 1-13.

Diversity and decolorization potential of fungi isolated from the coral reef regions off Kavaratti, India.

[2017]

Kaliyan Barathikannan, Kesava Priyan Ramasamy, Cathrine Sumathi Manohar, Ram Murti Meena. Indian Journal of Geo Marine Sciences 46 (03), 497-503.

Phylogenetic analyses and nitrate-reducing activity of fungal cultures isolated from the permanent, oceanic oxygen minimum zone of the Arabian Sea

[2015]

Cathrine Sumathi Manohar, Larissa Danielle Menezes, Kesava Priyan Ramasamy, Ram M Meena. Canadian journal of microbiology 61 (3), 217-226.

Enhanced abundance of tintinnids under elevated CO₂ level from coastal Bay of Bengal

[2012]

Haimanti Biswas, Subhadra Devi Gadi, V Venkata Ramana, M Durga Bharathi, R Kesava Priyan, D Taruni Manjari, M Dileep Kumar. Biodiversity and Conservation 21 (5), 1309-1326.

Patent

Marinomonas sp. ef1 and Rhodococcus sp. ef 1 for the production of secondary metabolites Sandra Pucciarelli, Maria Sindhura, Kesava Priyan Ramasamy, Alessio MANCINI, Nagoth Joseph Amruthraj. Patent application in Italy N.102019000014121

CONFERENCES AND SEMINARS

Trading metabolites and services – skin microbiota interactions described by Biological market theory (Poster)

[Microbiome Cold Spring Harbor Laboratory conference (2019)]

Viduthalai Rasheedkhan Regina, Tarun Chopra, Kesava Priyan Ramasamy, Kay Sarah, Chong Yik Yan, and Scott A. Rice

Resilience and Adaptation to Extreme Environments: The Special Case of *Euplotes focardii*, a Strictly Psychrophilic Antarctic Ciliate

[ISOP Meeting (2018)]

Sandra Pucciarelli, Patrizia Ballarini, Kesava Priyan Ramasamy, Matteo Mozzicafreddo, Cristina Miceli

Characterisation of microbial consortium associated with psychrophilic Antarctic ciliate *Euplotes focardii* (Oral)

[Italian Society of Protistology, Pineto, Italy (2016)]

Ramasamy KP, Pucciarelli S, Ballarini P, Telatin A, Schrollhammer M, Miceli C

Isolation and characterization of bacterial strains from a consortium associated to the Antarctic ciliate *Euplotes focardii*. (Poster)

["A cold afternoon" Insight into adaptation to Life at low temperature. METABLE, Milan (2016)]

Ramasamy KP, Pucciarelli S, Ballarini P, Schrollhammer M, Miceli C

Characterisation of the Superoxide Dismutase (SOD) family in the marine Antarctic ciliate *Euplotes focardii* and the freshwater ciliate *Tetrahymena thermophila* (Oral)

[Ciliate Molecular Biology Conference, Camerino (2015)]

Ramasamy KP, Pucciarelli S, Ballarini P, Boldrin F, Tolomeo AM, Santovito G, Miceli C

Isolation and preliminary characterisation of psychrotolerant bacteria *Marinomonas* sp from the Antarctic ciliate *Euplotes focardii* (Poster)

[Metable Bioinformatics workshop, United Kingdom (2015)]

Ramasamy KP, Pucciarelli S, Ballarini P, Schrollhammer M, Miceli C

Identification and preliminary characterisation of copper-zinc superoxide dismutases in the Antarctic ciliate *Euplotes focardii* (Poster)

[Frontiers in ciliate genome evolution, adaptation, and symbiosis, University of Pisa, Italy (2014)]

Ramasamy KP, Pucciarelli S, Elena M, Santovito G, Miceli C

Participation at the Training school "Genomics and Evolutionary Biology

[University of Camerino, Italy (2013)]

Organised in the frame of the COST action BM1102

Diversity of fungi and decolourisation potential of a fungus, F-38 isolated from the coral reef regions off Kavaratti

[ASEAN INDIA Marine Biotechnology workshop, National Institute of Oceanography, India (2013)]

Ramasamy KP, Kaliyan BK, Manohar CS, Meena RM

Participation in the National Conference on "Mycodiversity with its Sustainable Exploration and Biotechnological Applications

[38th Annual Meeting of Mycological Society of India, Maharashtra, India (2012)]

TEACHING EXPERIENCES

Tutor and co-supervisor

During my PhD assisted several undergraduate and masters students in lab experiments for their dissertation thesis. Co-supervising PhD students during my postdoc periods.

HONOURS AND AWARDS

Awarded two-year Postdoctoral fellowship from Carl Tryggers Stiftelse foundation, Sweden, 2020.

Awarded one-year Postdoctoral fellowship from Department of Marine Sciences, Tallinn University of Technology, Estonia, 2019-2020

Awarded two-years National Post-Doctoral Fellowship from Department of Science and Technology, India, 2017 April

Fellowship for pursuing PhD from the School of Advanced Studies, University of Camerino, Italy (2013-2016)

Secondment fellowship from Marie Skłodowska Curie Action-RISE Horizon 2020 to visit Epigenetiks, Turkey, 2015

Travel mobility fund from COST -European Cooperation in Science and Technology to visit University of Freiburg, Germany, 2014

Former distinguished alumni of Department of Marine Biotechnology, Bharathidasan University, India (2010)

Awarded university first mark during my postgraduate studies in Marine Biotechnology, Bharathidasan University (2010).

Awarded endowment scholarship by government of India during postgraduate studies (2008-2009).

Awarded endowment scholarship provided by The American College for undergraduate studies (2005-2008).

REFERENCES

References

Prof Cristina Miceli

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University of Camerino, Italy.

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Dr Sandra Pucciarelli

Department of Bioscience and Veterinary Medicine University of Camerino, Italy.

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Dr Haimanti Biswas

Scientist

National Institute of Oceanography, Goa, India.


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DECLARATION

I hereby declare that the details and information given above are complete and true to the best of my knowledge.

Date: 20/10/2021

Signature: 

Kesava Priyan Ramasamy