

Journal papers

- ❖ N. Korbee,*, N. P. Navarro, M. García-Sánchez, P. S. M. Celis-Plá, E. Quintano, M. S. Copertino, A. Pedersen, R. Mariath, **N. Mangaiyarkarasi**, Á. Pérez-Ruzafa, F. L. Figueroa, . Martínez “**A novel *in situ* system to evaluate the effect of high CO₂ on photosynthesis and biochemistry of seaweeds**” *Aquat Biol*, Vol. 22: 245–259, 2014 doi: 10.3354/ab00594 (2014)
- ❖ P. S. M. Celis-Plá , B. Martínez, E. Quintano, M. García-Sánchez, A. Pedersen, N. P. Navarro, M. S. Copertino, **N. Mangaiyarkarasi**, R. Mariath, F. L. Figueroa, N. Korbee
Short-term ecophysiological and biochemical responses of *Cystoseira tamariscifolia* and *Ellisolandia elongatata* to environmental change, *Aquat Biol*, Vol. 22: 227–243, 2014 doi: 10.3354/ab00573 (2014)
- ❖ **Ravirajan Mangaiyarkarasi**, Murugan Girija and Seenuvasan Gnanamurthy
Mutagenic effectiveness and efficiency of gamma rays and ethyl methane sulphonate in *Catharanthus roseus*. *Int. J. Curr. Microbiol. App. Sci.* 3(5): 881-889 (2014).
- ❖ **Ravirajan Mangaiyarkarasi**, Lakshmanan Kannan, Murugan Girija and Seenuvasan Gnanamurthy
Screening of Indian marine macro algae (Seaweeds) for haemagglutinin activity. *International Journal of Advanced Research*, Volume 2, Issue 4, 43 - 52 (2014)
- ❖ Ahmad, **R. Mangaiyarkarasi**, W. Shahid¹, M. Umar, N. Shahina, S. Rahmanullah and Y. Zahra
Effect of Black Tea Extract (Polyphenols) on Performance of Broilers. *International Journal of Advanced Research*, Volume 1, Issue 7, 563-566 (2013)
- ❖ W. Shahid, A. Ahmad, **R. Mangaiyarkarasi** , M. Omer, N. Shahina, U. Abdurraheem S. Rahmanullah and Y. Zahra.
Effect of poly phenolic rich, green tea extract as antioxidant on broiler performance during 0-4 weeks. *International Journal of Advanced Research*, Volume 1, Issue 9, 177-181 (2013).
- ❖ **Mangaiyarkarasi N**, Nadimuthu N and Kannan L.
Partial purification of haemagglutinin from the red seaweed, *Gracilaria crassa* Harvey *International Journal of Current Science*, Vol.6: E 1-6 (2013).
- ❖ **Mangaiyarkarasi N**, Nadimuthu N and Kannan L.

Evaluation of lethal potency of coral reef inhabiting fungus on mammalian system, International Journal of Current Research, Vol. 4, Issue, 12, pp. 277-278, (2012).

- ❖ Kannan,L and **N. Mangaiyarkarasi**
"Seaweed haemagglutinins", Recent Advances on Applied aspects of Indian Marine Algae with References to Global, Monograph, Volume 2. pp 262-269 (2006).
- ❖ Subramanian, D. and **Mangaiyarkarasi, N.**
Cyto-genetical studies on the effects of Colchicine in Vigna savi and Macroptilium Urb., The Ind. J. Cytogenetics, 3(1):17-21 (1997)

Contribution to Seminar/Symposia/compiled volume

- Attended the training programme on **Management Development programme for women administrators in Higher Education** organized by Mother Teresa Women's University Kodaikanal and National University of Educational Planning and Administration from 20th – 24th August **2007** at Kodaikanal.
- Undergone **Disaster management training-2005** conducted by volunteer ministers of scientology. Helped the Tsunami affected people especially children and women by counseling and assist programmes.
- Attended workshop on **Microbial Biotechnology and Bio informatics** from 17th to 20th December **2004** at CAS in Botany, University of Madras, Chennai.
- Participated and presented a paper in the **State level seminar on Phyto Chemistry** at Theivanai Ammal College for Women, Villupuram on 25.09.**2004**.
- Attended and presented a paper in the National Conference on the Frontiers of Research and Development in Medicinal plants held at St Xavier's College, Palayamkottai from 28th to 30th January **2004**.
- Attended one day orientation programme on **Coastal Biodiversity** on 31st July **2004** at CAS in Marine Biology Parangipettai.
- **Mangaiyarkarasi, N.,** N. Nadimuthu and L. Kannan
Attended Asia-Pacific Conference on Marine Sciences and Technology "Marine science in to the New Millennium", Kula Lumpur, Malaysia and presented the paper "Isolation, partial purification and characterization of haemagglutinin from the red seaweed, *Gracilaria crassa* Harvey" (**2002**)
- **Mangaiyarkarasi, N.** and L. Kannan

Attended Intl. Conference on Fundamental Sciences – Biological and Chemical Sciences, Natl.Univ. Singapore and presented the paper “Seasonal variation in protein content and haemagglutinin activity of some marine green algae from India” (2001)

- **Mangaiyarkarasi, N.** and L. Kannan
Attended the 4th Asia Pacific Conference on Algal Biotechnology, Dept. of Botany, Univ. of Hong Kong and presented the paper “Screening of some Indian Seaweeds for haemagglutinin activity” (2000)
- **Mangaiyarkarasi, N.,** N. Nadimuthu and L. Kannan
Attended the First Natl.Conference on Aquatic Biotoxins, CIFE, Mumbai and ITRC, Lucknow, and presented the paper “Evaluation of lethal potency of coral reef inhabiting fungus on mammalian system” (1999)
- Participated and presented a paper in the National Symposium on **Marine Algal Research in India – Prospect and Retrospect** held from 16th to 19th August 2001 at National Facility for Marine Cynaobacteria, Bharathidasan University, Trichy.
- Associated in the conduct of UNU-UNESCO **International Training Course on Coastal Mangrove Biodiversity** from 5th – 19th March 2001 at CAS in **Marine Biology, Portonova.**
- Attended workshop-cum-Discussion and Brainstorming session in connection with formulation of **National Biodiversity Strategy and Action Plan for East Coast** at the Centre of Advanced Study in Marine Biology, Annamalai University, Parangipettai on 24.02.2001.
- Participated in the **CAS training programme** on Recent Advances in **Marine Biotoxinology** at the Central Institute of Fisheries Education, Mumbai from 10.01.2000 to 31.01.2000.

Book chapters

Kannan, L and **N. Mangaiyarkarasi.**

“Seaweed haemagglutinins”, Recent Advances on Applied aspects of Indian Marine Algae with References to Global, Monograph, Volume 2. pp 262-269 (2006).

Books

- **Ravirajan Mangaiyarkarasi,** L Kannan and M Srinivasan.
Extraction and Characterization of Lectin from Indian Seaweeds. LAP. Lambert Academic Publishing, Germany, ISBN: 978-3-8484-4415-1, pp68 (2012).

- **Mangaiyarkarasi, N, S. Arul Jothi Selvi.**Text book on Introduction to Marine Biology pp200 (2007).

- **Mangaiyarkarasi, N, S. Arul Jothi Selvi.**
Text book on Outlines of Zoology pp152 (2007).

Project Report

Project Report Submitted to **University Grants Commission, New Delhi, INDIA 2013** "Biodiversity Survey of Coastal Herbs & Medicinal Plants in Cuddalore District after Industrialisation & Tsunami".