

Dr. M.S.A. Muthukumar Nadar's profile



Dr. M.S.A. Muthukumar Nadar, M.Sc., Ph.D.

Designation: Assistant Professor

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Date of Joining : 06/11/2011

Academic Background

Degree	University	Year
Ph.D.	National Chung Hsing University, Taiwan	2010
M.Sc.	Madurai Kamaraj University	1999
B.Sc.	St. Joseph's College, Bharathidasan University	1997

Courses Taught

- Immunology

- Molecular Biology
- Genetic Engineering
- Stem Cell Technology
- Virology

Research Interests

- Molecular Virology
- Immunology
- Phytotherapeutics and Wound healing
- Health and Nutritional studies in Tribal populations

MOST RECENT PUBLICATIONS

- **The Untranslated Regions of Classic Swine Fever Virus RNA Trigger Apoptosis;** Wei-Li Hsu, Chung-Lun Chen, Shi-Wei Huang, Chia-Chen Wu, I-Hsuan Chen, **Muthukumar Nadar**, Yin-Peng Su, Ching-Hsiu Tsai. PLOS ONE February 12, 2014.
- **Structure–activity relationship analysis of curcumin analogues on anti-influenza virus activity;** Jun-Lin Ou, Yoshiyuki Mizushima, Sheng-Yang Wang, Duen-Yau Chuang, **Muthukumar Nadar** and Wei-Li Hsu. FEBS J. 2013 Nov; 280(22):5829-40.
- **HuR binding to AU-rich elements present in the 3' untranslated region of Classical swine fever virus;** **Muthukumar Nadar**, Meng-Yu Chan, Shi-Wei Huang, Chin-Cheng Huang, Joseph T Tseng, and Ching-Hsiu Tsai Virol J. 2011; 8: 340.
- **Efficacy of *Lobelia alsinoides* Lam ethanolic extract on a third-degree burn - An Experimental Study on Rats;** Rex Jeya Rajkumar Sam David Thanapaul, Abraham Ranjan, Sreeraj K Manikandan and **MSA Muthukumar Nadar**. Dermatologic Therapy Aug 2020.
- **Prevalence of Oral Disease in A Tribal Village At the Siruvani Foothills, Coimbatore - A Pilot Study;** Jesse Joel, K Murali Naik, **Muthukumar**, Sunitha International Journal of Engineering Research & Technology, Volume/Issue: Vol. 3 - Issue 7 (July - 2014).

PROJECTS HANDLED

- 1.
- 2.

PATENTS PUBLISHED/GRANTED

- A wound healing ointment Lobicure (Patent Application No: 201741004799)
- A polyherbal ointment for skin ailments (Patent Application No: 201841036973)
- KaViD - Karunya disinfection chamber (Patent Application No: 202041020677)

Memberships in Professional Bodies

- Member of the Association of Microbiologists India (AMI).
- Member of the International Association of Engineers (IAENG).