

Dr. S.Murugan's Profile



NAME with Qualification

DESIGNATION: Associate Professor

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Date of Joining: 24/07/2008

Academic Background

Degree	University	Year
Ph.D Microbiology	Bharathiar	2009
M.Sc. Microbiology	Manonmaniam Sundaranar	1998
B.Sc. Microbiology	Bharathia	1996

Courses Taught

- Microbiology
- Microbiology and Molecular Genetics
- Microbial Biotechnology
- Genetic Engineering and Recombinant Products
- Metabolic Engineering

Research Interests

- Medical Microbiology
- Nanobiotechnology
- Microbial and Environmental Biotechnology
- Neuropharmacology

MOST RECENT PUBLICATIONS

- R. Blessy Pricilla, N. Bhuvanesh, B. Vidhya, **S. Murugan** & R. Nandhakumar (2021) Exploration of GO-CuO nanocomposite for its antibacterial properties and potential application as a chemosensor in the sensing of L-Leucine, *Inorganic and Nano-Metal Chemistry* (Published online Aug 2021) **IF:1.716**
- Govindan Rajivgandhi Vimala RT, Nandhakumar Raju, **Murugan Sevanan**, Naiyf S. Alharbi, Shine Kadaikunnan, Jamal M. Khaled, Khalid F. Alanzi, Wen-Jun Li (2021) Adsorption of nickel ions from electroplating effluent by graphene oxide and reduced graphene oxide, *Environmental Research* [IF: 6.498]
- Govindan Ramachandran, Govindan Nadar Rajivgandhi, **Sevanan Murugan**, Naiyf S. Alharbi, Shine Kadaikunnan, Jamal M. Khaled, Taghreed N. Almanaa, Natesan Manoharan, and Wen-Jun Li (2020), Anti-carbapenamase activity of *Camellia japonica* essential oil against isolated carbapenem resistant *klebsiella pneumoniae* (MN396685) *Saudi Journal of Biological Sciences* 27(9): 2269–2279 [IF: 4.219]
- Alagudurai Krishnamoorthy, **Murugan Sevanan**, Sugumar Mani, Mangayarkarasi Balu, Sravani Balaji, Ramajayan P (2019), Chrysin restores MPTP induced neuroinflammation, oxidative stress and neurotrophic factors in an acute Parkinson's disease mouse model, *Neuroscience Letters* [IF: 3.046]

- Sugumar Mani, Sathiya Sekar, Rajamani Barathidasan, Thamilarasan Manivasagam, Arokiasamy Justin Thenmozhi, **Murugan. S**, Saravana Babu Chidambaram, Musthafa Mohamed Essa, Gilles J. Guillemin and Meena Kishore Sakharkar (2018) Naringenin Decreases α -Synuclein Expression and Neuroinflammation in MPTP-Induced Parkinson's Disease Model in Mice ***Neurotoxicity Research*** 33(3): 656-670 [IF: 3.91]

PROJECTS HANDLED

1. Investigating on antibacterial effect of Bismuth vanadate on Multi drug resistant Staphylococcus aureus infection funded by **DST-SERB (GoI)**- 2018-2021
2. Prevalence and Awareness of Asthma Among Brick Kiln Workers and Households of Selected Areas in South India- An Empirical Study, Funded by **Indian Council of Social Science Research (ICSSR)** – 2009-2011

PATENTS PUBLISHED/GRANTED

Nil

Memberships in Professional Bodies

- Association of Microbiologists of India