

## **List of Publications**

Recombinant extracellular domains of tetraspanin proteins are potent inhibitors of the infection of macrophages by human immunodeficiency virus type 1

SH Ho, F Martin, A Higginbottom, LJ Partridge, V Parthasarathy, ...  
Journal of virology 80 (13), 6487-6496

Chemical investigation of aerial parts of *Gmelina asiatica* Linn by GC-MS

NJ Merlin, V Parthasarathy, R Manavalan, S Kumaravel  
Pharmacognosy Research 1 (3), 152

Distinct roles for tetraspanins CD9, CD63 and CD81 in the formation of multinucleated giant cells

V Parthasarathy, F Martin, A Higginbottom, H Murray, GW Moseley, ...  
Immunology 127 (2), 237-248

Antioxidant and hepatoprotective activity of chloroform and ethanol extracts of *Gmelina asiatica* aerial parts

NJ Merlin, V Parthasarathy  
Journal of Medicinal Plants Research 5 (4), 533-538

Induction of apoptosis in human breast cancer cell line MCF-7 by phytochemicals from *Gmelina asiatica*

NJ Merlin, V Parthasarathy, TR Santhoshkumar  
African Journal of Biotechnology 9 (28), 4451-4456

Effect of *Clerodendrum phlomidis* on adjuvant induced arthritis in rats: A radiographic densitometric analysis

D Kilimozhi, V Parthasarathy, N Amuthavalli  
Int J Pharm Tech Res 1 (4), 1434-41

GC-MS analysis of various extracts of *Clerodendrum phlomidis* leaf

K Balaji, D Kilimozhi  
International Journal of Pharmacy and Pharmaceutical Sciences 6 (1), 226-232

Screening of antibacterial and antifungal activities of red marine algae *Acanthaphora spicifera* (Rhodophyta)

P Pandian, S Selvamuthukumar, R Manavalan, V Parthasarathy  
J. Biomed. Sci. Res 3 (3), 444-448

Reduction of CD4+ CD25+ regulatory T-cells in migraine: Is migraine an autoimmune disorder?

M Arumugam, V Parthasarathy  
Journal of neuroimmunology 290, 54-59

Ethyl cellulose and polyethylene glycol-based sustained-release sparfloxacin chip: An alternative therapy for advanced periodontitis

V Parthasarathy, R Manavalan, R Mythili, CT Siby, M Jeya  
Drug development and industrial pharmacy 28 (7), 849-862

Phyto-Physico chemical evaluation, Anti-Inflammatory and Anti microbial activities of Aerial parts of *Gmelina asiatica*

NJ Merlin, V Parthasarathy, R Manavalan, P Devi, R Meera  
Asian Journal of Research in Chemistry 2 (1), 76-82

Increased incidence of migraine in women correlates with obstetrics and gynaecological surgical procedures

M Arumugam, V Parthasarathy  
International Journal of Surgery 22, 105-109

Assessment of in vitro cytotoxicity and in vivo antitumor activity of *Sphaeranthus amaranthoides* burm. f

S Gayatri, CUM Reddy, K Chitra, V Parthasarathy

Pharmacognosy research 7 (2), 198

Screening of potential anticancer compounds from *Sargassum wightii* to target breast cancer specific HER receptor using in-silico analysis

P Balachandran, T V Ajay Kumar, V Parthasarathy

The natural products journal 6 (2), 108-115

Isolation of compounds from *Sargassum wightii* by GCMS and the molecular docking against anti-inflammatory marker COX2

P Balachandran, V Parthasarathy, TVA Kumar

International Letters of Chemistry, Physics and Astronomy (Online): 2 (6), 4

Development and evaluation of oral controlled release matrix tablets of lamivudine optimization and in vivo studies

N Kenneth, V Parthasarathy, C Narendra, P Kalyani

Int J Pharm Pharm Sci 7, 95-101

Chemical investigation of aerial parts of

NJ Merlin, V Parthasarathy, R Manavalan, S Kumaravel

*Gmelina asiatica*, 152-156

Potential antitumour activity of *Gmelina asiatica* aerial parts against Dalton Ascites Lymphoma in mice.

NJ Merlin, V Parthasarathy

Asian Journal of Chemistry 22 (4), 3193-3199

Apoptosis Significance and Molecular Mechanisms-A Review

NJ Merlin, V Parthasarathy, R Manavalan, P Devi, R Meera

Asian Journal of Research in Chemistry 2 (4), 369-375

Screening of potential GCMS derived antimigraine compound from the leaves of *Abrus precatorius* Linn to “calcitonin gene related peptide” receptor using in silico analysis

V Parthasarathy, AK TV

Food Science and Human Wellness 8 (1), 34-39