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PUBLICATIONS

JOURNAL PUBLICATIONS

- ✚ Thendral KT, **Amutha M**, Ragunathan R, Saranya K. (2024). Development of Manganese Cobalt Oxide (MnCo_2O_4) Nanoparticle as Multifunctional Agents for Antibacterial, Anticancer and Dye Degradation Applications. Inorganic Chemistry Communications. <https://doi.org/10.1016/j.inoche.2024.112854>
- ✚ Thendral KT, **Amutha M**, Ragunathan R. (2024). Versatile biopolymer-functionalized copper cobalt oxide nanocomposite ($\text{Ch/CuCo}_2\text{O}_4$): Synthesis and applications in antibacterial, anticancer, and photocatalysis. Ceramics International. <http://dx.doi.org/10.1016/j.ceramint.2024.02.168>
- ✚ Thendral KT, **Amutha M**, Ragunathan R. (2023). Design and development of copper cobaltite (CuCo_2O_4) nanoparticle for antibacterial anticancer and photocatalytic activity. Materials Letters. <https://doi.org/10.1016/j.matlet.2023.134720>
- ✚ **Amutha Muthusamy** and Lalitha Pottail. (2021). Rapid Green Synthesis Of Gold And Silver Nanoparticles Using Ethanol Extract of Kedrostis Foetidissima (Jacq.) Cogn. And Its Anticancer Efficacy Against A549 Human Lung Cancer Cell Lines. Indian Drugs. <https://doi.org/10.53879/id.58.03.11834>

- ✚ Ganesan Venkatachalam and **Amutha Muthusamy**. (2018). Phytochemical evaluation and anticancer activity of *Ocimum sanctum* L. - A review. *Journal of Pharmacy Research*, 2018, 12(7): 917-923. ISSN 0974-6943.
- ✚ **Amutha M**, Lalitha P, Jannathul Firdhouse M. (2017). In silico Structure Based Drug Designing Of Lead Compounds For Lung Cancer. *World Journal of Pharmacy and Pharmaceutical Sciences*, Volume 6, Issue 8, 1306-1316 .,ISSN 2278 – 4357.
- ✚ **Amutha M**, Lalitha P. (2015). Phytochemical Screening and In vitro Evaluation of Antimicrobial Activity of *Kedrostis foetidissima* extract impregnated Face Mask. *International Journal of Pharma And Chemical Research*, Volume 1, Issue 4, Oct – Dec I 2015, 165 . ISSN 2395- 3411.
- ✚ **Amutha Muthusamy**, Lalitha Pottail. (2015). Screening of *Kedrostis Foetidissima* (Jacq.) Cogn. extracts for A-Amylase Inhibition. *International Journal of Interdisciplinary Research and Innovations* ISSN 2348-1218 (print)ISSN 2348-1226 (online) Vol. 3, Issue 4, pp: (106-110), Month: October - December 2015, Page | 106.
- ✚ **Amutha M**, Lalitha P. (2015). Cytotoxicity effect of Ethanol extract of *Kedrostis Foetidissima* (Jacq.) Cogn. in Human Osteosarcoma Cell Lines (MG-63). *International Journal of Pharmaceutical Chemistry & Toxicology*, Vol. 1 Issue 1, 2015; 42 – 45.
- ✚ **Amutha M**, Lalitha P. (2015). Proximate Analysis Of leaf and Stem of *Kedrostis Foetidissima* (Jacq.) Cogn. *International Journal Of Natural Products And Marine Biology*. Vol. 1 Issue 1, 2015; 7 – 10; www.ijpct.sbtjournals.com.
- ✚ **Amutha M**, Lalitha P. (2015). Biological Effect of *Kedrostis foetidissima* On A-549 Lung Cancer Cell Lines. *International Journal of Extractive Research*, 5:10-13 e-Print ISSN: 2394-0301.
- ✚ **Amutha M**, Lalitha P. (2015). Evaluation of anti oxidant activities of stem and leaf extracts of *Kedrostis foetidissima* (Jacq) Cogn. *International Journal of Research in Pharmaceutical Sciences*, *Int J Res Pharm Sci* 2015, 5(1) ; 28 – 34. ISSN 2249- 3522.
- ✚ **Amutha M**, Lalitha P, Jannathul Firdhouse M. (2014). Biosynthesis of Silver Nanoparticles Using *Kedrostis foetidissima* (Jacq.) Cogn. *Journal of Nanotechnology*,

- ✚ **Amutha M**, Lalitha P. (2013). Evaluation of Wound Healing Activity of Leaf and Stem Extract of *Kedrostis Foetidissima* (Jacq.) Cogn. RJPBCS. Volume 4 Issue 2 Page No.445., ISSN: 0975-8585 April – June 2013.
 - ✚ **Amutha M**, Lalitha P. (2012). A Review on *Kedrostis foetidissima* (Jacq.) Cogn. Journal of Pharmacy Research, 2012,5(5),2644-2647; ISSN: 0974-6943.
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BOOK CHAPTERS

- **Amutha M**. (2016). Nanomedicines of Natural Product Origin-Recent Advancements. Proceedings of UGC sponsored One Day National Level Seminar on Eco-Waste Management & Nanobiology [EWMN-2016], Organised by Department of Zoology, Sri G.V.G Visalakshi College for women, Udumalpet, Published by BORNFRING Intellectual Integrity, Coimbatore. ISBN: 978-93-86176-36-3.
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