

FACULTY PROFILE

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Publications

1. **Veerabahu Subbukutti, Ethirajulu Sailatha, Sethu Gunasekaran, Subramaniyan Manibalan, Kumba Janarthanan Uma Devi, Koteeswaran Bhuvaneshwari & Rajendran Suvedha (2023)** Evaluation of wound healing active principles in the transdermal patch formulated with crude bio wastes and plant extracts against GSK-3 beta - an insilico study, Journal of Biomolecular Structure and Dynamics. <https://doi.org/10.1080/07391102.2023.2194424>
2. **Subbukutti Veerabahu , Sailatha Ethirajulu , Sethu Gunasekaran , Umadevi Kumba Janarthanan, Gomathi Sampath,** “Invitro assessment of wound healing mechanisms of synthesized biomaterial with spider web as a novel raw material”, Cleaner Materials, Volume 4 , 2022, Article 100077.
3. **Subbukutti Veerabahu, Sailatha Ethirajulu , Gunasekaran Sethu, Uma Devi Kumba Janarthanan, Ganesan Singaravelu,** ”Synthesis and Characterization of Wound Dressing Material from Bio-Wastes Impregnated with the Spider Web and the Ethanolic Weaves Extract of *Mangifera indica* (L”, Biointerface Research in Applied Chemistry Platinum Open Access Journal (ISSN: 2069-5837), Volume 2,, Issue 2, 2022, 1998 – 2012.
4. **Subbukutti Veerabahu, Sailatha Ethirajulu , Gunasekaran Sethu, Uma Devi Kumba Janarthanan, Kavvipriya Selvaraj,** “Computer-aided Identification of Synergetic Wound Healing Mechanisms Exhibited by Compounds in the Bio Synthesized Wound Dressing Material”, Letters in Applied Nano Bioscience, Platinum Open Access Journal, ISSN:2284-6808), Volume 10, Issue 4, 2021, 2831 – 2842.

Presentations

1. Surface morphology of wound dressing material and analyses of its absorption and degradability properties, 2nd National Conference on Emerging Trends in Materials Science-2019, organized by PG & Research Department of Physics & Chemistry, Government Arts College, Tiruvannamalai dated 27.09.2019, 28.09.2019, ISBN-978-93-88413-42-8.
2. Preparation of bio-synthetic wound dressing materials and their characterization by FTIR-ATR spectroscopic technique, International Conference on Molecular Structure of Nano and Bio Materials, Arignar Anna Government Arts College, Cheyyar, 27.09.2018, 28.09.2018, ISBN-978-93-86590-72-5.
3. Bio-Synthesis of wound dressing material and its characterization by FTIR-ATR Spectroscopic Technique, National Conference on Advanced Materials and Applications 2018, PG Department of Physics & ISPA, Auxilium College, 7.09. 2018.
4. Synthesis of wound dressing material from bio-wastes, International Conference on Recent Advances in Applied Physics-2017, Annamalai University, 21.09.2017, 22.09.2017.
5. FTIR-ATR Spectroscopic analysis of fibroin & serine: Wound healing amide group present in the spider web, International Conference on Modern Materials Research-2016, PG & Research Department of Physics, Sri Vidya Mandir Arts and Science College, Uthangarai, 19.12.2016, 20.12.2016.

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