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**In this issue**

## Research Article

Open Access Research Article PTZAID:IJNNN-12-174

### Fabrication and Characterization of Cosmetic-grade $TiO_2$@$SiO_2$ for UV-shielding Ingredient

Published On: January 30, 2026 | Pages: 011 - 017

Author(s): Wenrong Xiang, Rui Liu, Jiesong Liu, Chengxue Du and Li Li*

Nanoscale TiO2 generates reactive oxygen species (ROS) under ultraviolet (UV) radiation, causing damage to biological systems and polymers. To mitigate associated health risks in cosmetic applications, TiO2 core-shell materials were synthesized. This study describes the fabrication of TiO2@SiO2 core-shell materials utilizing a chemical deposition technique with nanosc ...

Abstract View Full Article View DOI: 10.17352/2455-3492.000074

## Review Article

Open Access Review Article PTZAID:IJNNN-12-173

### The Microbiome–Imaging Axis: Can Radiology Detect Microbial Influences on Disease?

Published On: January 08, 2026 | Pages: 001 - 010

Author(s): Naeem Hamza*, Majbour Lana, Shtat Shahad Hazar Ismael, Wardeh Mahdi, MHD Bashir Almonajjed and Alexandre Wirman

The microbiome–imaging axis, or radio microbiomics, is an emerging field that combines medical imaging with gut microbiome analysis to map how the gut communicates with distant organs, particularly the brain. While traditional research often focuses on simple correlations, this framework uses structural and functional imaging to visualize the actual physical impact of ...

Abstract View Full Article View DOI: 10.17352/2455-3492.000073