

Thematic Session 10

Clays and health

Saverio Fiore

Institute of Methodologies for Environmental Analysis, Italy
saverio.fiore@cnr.it

Cesar Viseras

Department of Pharmacy and Pharmaceutical Technology, University of Granada, Spain
cviseras@ugr.es

Clay minerals, as-well-as other micro and nanominerals such as zeolites and carbonates, are frequently used by pharmaceutical and cosmetic industries as ingredients of health care and drug delivery products, which act as detoxificant compounds, antibacterial agents. To be used, these materials must comply with quality requirements and sometimes formulated with other ingredients or modified to improve their properties. The session welcome not only contributions for classical applications of clay based advanced health care materials but also information on national/international regulations on use of micro and nanominerals for medical purposes. Contributions related to mineralogical-biological interactions and cytotoxicity effects are truly welcome.

Keywords: Clays, Health, Properties, Use, Drugs, Cytotoxicity, Regulations.

Potential Journal: Applied Clay Science.

