

USF NEXUS INITIATIVE 2018 AWARD RECIPIENT

Davide Tanasi

American French Collaborative Research of Paleo-Contents of Roman Amphorae from Sicilian Underwater Contexts

The aim of our research is to determine the contents of a cargo of amphorae recovered from a 4th century CE Roman shipwreck off the southwestern coasts of Sicily via an ensemble of chemical techniques, such as Gas Chromatography–Mass Spectrometry (GC-MS), Nuclear Magnetic Resonance (NMR), and Total Correlated Spectroscopy (TOCSY). The collaboration with the French CNRS allows us to address properly the most challenging aspect of the research represented by the state of extreme degradation of samples which stayed for almost 5000 years underwater. The results will rewrite a page of the economic history of Roman Sicily.

Partnerships:

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