

CORRELATIVE AND ANALYTICAL CASE STUDIES FOR MICRO AND NANOPARTICLES DETECTION IN AGRIFOOD RESEARCH

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Understanding Micro and Nanoparticles content in food is increasingly important due to the consequences on human health. A recent example is the discovery of high quantities of micro and nanoplastics in marine environment and food.

Identifying clearly the quantity and nature of these kind of pollutant is becoming a new challenge for laboratories all over the world, as it needs the combination and correlation of different microscopy techniques from light, fluorescence and IR microscopy to Electron Microscopy, X-ray and analytics.

ZEISS will present a workflow that allows to correlate data from different sources in order to allow the precise and reliable detection of particle of any size and nature in Agrifood field.