

# C'Nano 2020

The Nanoscience Meeting

## TOULOUSE

Centre des congrès Pierre Baudis

December, 8, 9 and 10



SATELLITE  
EVENT

GIENS  
MEETING  
2020

Monday, December 7<sup>th</sup>

## GIENS

**Interdisciplinary Group for the study of  
Environmental effects of Nanotechnologies**

### Introduction

The GIENS group is a French national cluster initiative on risks associated with nanomaterials. It aims at federating and structuring over the long term research communities around issues related to environmental and human toxicology of nanomaterials. It promotes interdisciplinary approaches (biology, chemistry, physics, epidemiology ...) to address the exposure-impact chain in a medium and a long-term perspectives, taking into account expertise, security, risks and vigilance issues.

The GIENS group promotes the emergence at a national level of interdisciplinary research projects between laboratories from various French research organizations. It aims at building consortia applying to national or European calls for proposals (such as ANR, ANSES, etc.).

The first edition of the annual GIENS Meeting on nanotoxicology was held in Giens (France) in 2013 with the support of the French Alternative Energies and Atomic Energy Commission (CEA). For 5 years now this initiative has been reinforced and has started being well structured. Indeed, first dedicated to CEA researchers mostly, the meeting was extended to scientists from other research organizations. Each year emphasis is given to priority research issues on nanotoxicology as a focus topic during the GIENS Meeting.

### Missions and goals

Historically, the GIENS group is born from an informal partnership (with no legal status) between CEA, the French reference body for occupational risk prevention (INRS) and the French National Institute for Industrial Environment and Risks (INERIS). It was created in the interest of these 3 research organizations to promote scientific interactions, research and development, information and training related to nanoparticles-induced toxicology.



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Addressed topics can concern compounds, organs, experimental approaches... Results from these researches may contribute to systemic approaches that can be generalized in particular to make data available to regulatory authorities.

GIENS goal is to stimulate and coordinate actions for the scientific community involved in this field, and to promote it at a national level with the following main objectives:

- Design and organize an annual residential meeting,
- Highlight each year one of the 3 main active research organizations active in the field
- Initiate collaborations between involved research organizations,
- Organize discussions between the representatives of these organizations on actions to be considered,
- Encourage information spread and exchanges among interested people.