



## Simon Alberti

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Seminario, aula 1, BSI-Biblioteca Scientifica  
Interdipartimentale, Via Campi 213/c

**Giovedì 29 giugno ore 11:00**

Title:

**Phase separation as an organizing principle in biology**

ALBERTI LAB: We still know very little about the organization of the cytoplasm and the role of membraneless compartments in regulating the physiology of cells. My research group aims to elucidate the molecular principles underlying the organization of the cytoplasm. We are particularly interested in understanding how the cytoplasm changes upon environmental stress. Stressed cells have to adapt their physiology and metabolism to the new conditions. These adaptations are often mediated by alterations in the structure and organization of the cytoplasm. We aim to understand how these alterations promote organismal survival but we are also very interested in how they cause disease.

HOST: Prof. Serena Carra



**UNIMORE**

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MODENA E REGGIO EMILIA

Department of Biomedical,  
Metabolic and Neural Sciences