

# SCIENTIFIC SEMINAR



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IQF-CSIC

## *A journey through galectin–ligand interactions: from simple sugars to complex bacterial*

In the last few years, we have focused on the study of lectins and carbohydrate-mediated processes, including host-pathogen interactions, and pneumococcal peptidoglycan hydrolases of relevance to pathogen virulence or able to act as antimicrobials. Currently, we are also involved in several projects related with the development of new therapeutic or preventive approaches to fight pathogen infections, as well as in lectin-based drugs or diagnosis tests, focused particularly on pathogen infections, autoimmune diseases or cancer. Biophysical techniques: ITC and DSC microcalorimetry, analytical ultracentrifugation, spectropolarimetry, infrared spectroscopy (FTIR), and microarray technology, among others.

**CIC bioGUNE**

MEMBER OF BASQUE RESEARCH  
& TECHNOLOGY ALLIANCE



EXCELENCIA  
SEVERO  
OCHOA

Thursday  
October 19  
Atrio 800  
12.00H



**BRTA**

BASQUE  
RESEARCH &  
TECHNOLOGY  
ALLIANCE