



UNIVERSITY OF NAPOLI *FEDERICO II*
POLYTECHNIC AND SCIENCE SCHOOL

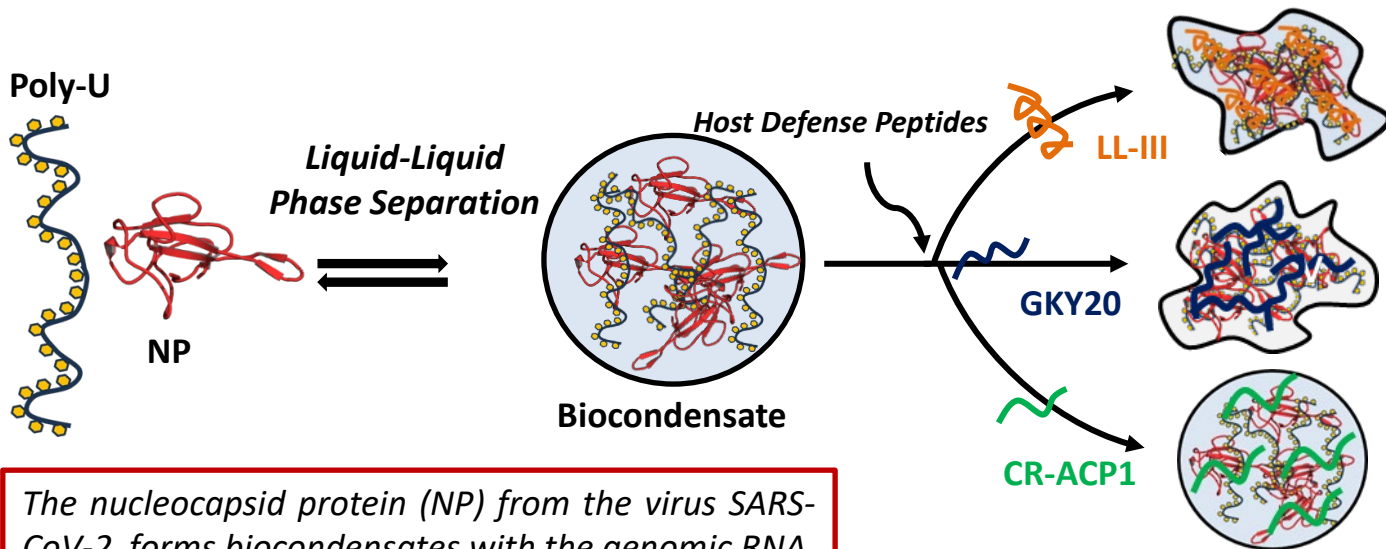
Department of Chemical Sciences

Ph.D. School in Chemical Sciences (XXXVII Cycle)



Second year activity

Searching for therapeutic peptides action mechanism: from membranes to intracellular targets



Three **Host Defense Peptides** can modulate the properties of the **SARS-CoV-2** biocondensate, paving the way for new therapeutic applications.

The nucleocapsid protein (NP) from the virus SARS-CoV-2 forms biocondensates with the genomic RNA, promoting replication in the infected cells.

Ph.D student
Marco Campanile