



UNIVERSITY OF NAPOLI "FEDERICO II"

POLYTECHNIC AND SCIENCE SCHOOL

Department of Chemical Sciences

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

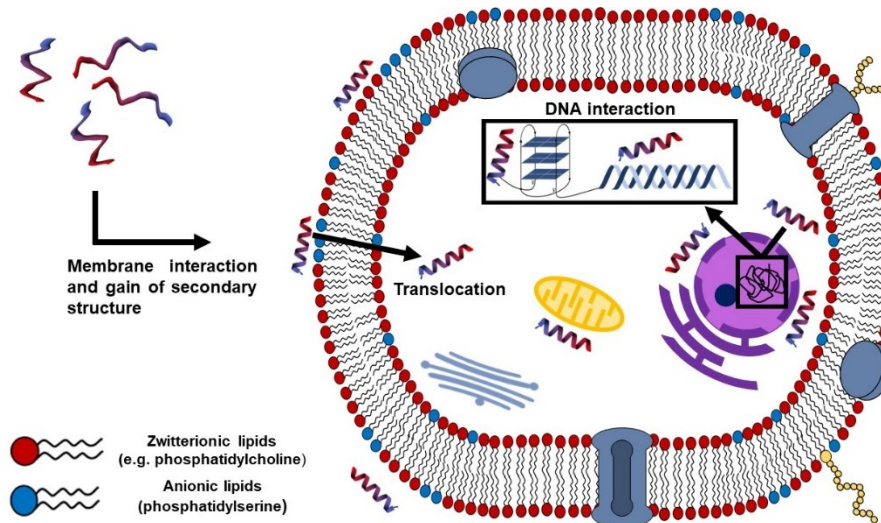


First year activity

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

*A biophysical investigation
on the activity of the
anticancer peptide LL-III.*

*LL-III is able to permeabilize
a POPC/POPS-based model
of the tumor membrane
according to a non-
membranolytic mechanism.*



*LL-III can recognize
G4-forming DNA
sequences with
high affinity as
potential targets.*

PhD student
Marco Campanile