

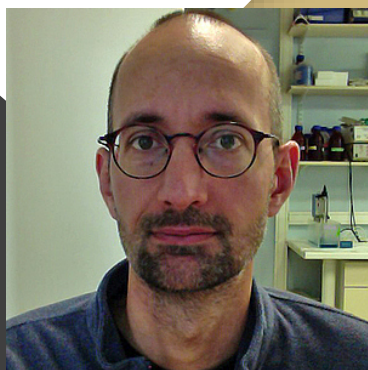


Denver

CHEMISTRY

Spring 2023

SEMINAR SERIES



11am-12pm

Friday - Feb 3rd

in-person NC

1130



Prof. Quentin Vicens

Biochemistry and Molecular Genetics - CU Anschutz

"Structure determination vs prediction: Hold on to your structural biology facility! "

AlphaFold is a major leap in protein structure prediction. Predicting RNA folds is lagging behind but advancing. I'll illustrate accuracy levels of these approaches and contrast them to our experimental findings from X-ray crystallography, cryo-electron microscopy, and NMR. Predictive and experimental approaches are not antagonistic, but synergistic.

- Z-RNA biology: A central role in the innate immune response? RNA, 2023 PMID: 36596670

- Brief considerations on targeting RNA with small molecules. Fac Rev. 2022;11:39. PubMed PMID: 36644293

For more information see: <https://clas.ucdenver.edu/chemistry/seminars-and-events>