



CYCLE DE CONFÉRENCES DE CHIMIE

*Avec le concours de : Université Clermont Auvergne
INP Clermont Auvergne*

Mercredi 10 décembre à 16 h

Amphi Rémi (site des Cézeaux)

Céline DOUAT

Institute for Chemical Epigenetics (ICE-M)
Ludwig-Maximilians-Universität – Munich, Germany

Aromatic oligoamide foldamers: from structure to protein surface recognition

Oligoquinolines are aromatic oligoamide foldamers (AOFs) that are well known to adopt stable and predictable helical conformations. The recent automation of their solid-phase synthesis has opened a new dimension in terms of foldamer production and characterization. Various selection methods have been employed to elucidate at the molecular level the recognition mode of AOFs and related hybrids molecules with targeted proteins. Several illustrative examples will be presented and their binding will be discussed.

Coordinateurs : Alain DEQUIDT ☎ 33 473 407 194 courriel : alain.dequidt@uca.fr

Kévin LEMOINE ☎ 33 473 407 513 courriel : kevin.lemoine@uca.fr

Institut de Chimie de Clermont-Ferrand (ICCF-UMR 6296)

Université Clermont Auvergne, 24, avenue Blaise Pascal, TSA 80026 63178 AUBIERE cedex-France