

Organometallic Chemistry and Polymerization Catalysis (COCP)

List of the member of the team involved in EnLife

Prof. Christophe Thomas

Prof. Kawthar Bouchemal

Indicate in which axis your team relates to:

Axis 1: Controlling and programming biological living matter.

Axis 2: Emergence of spatial and temporal organization in living matter.

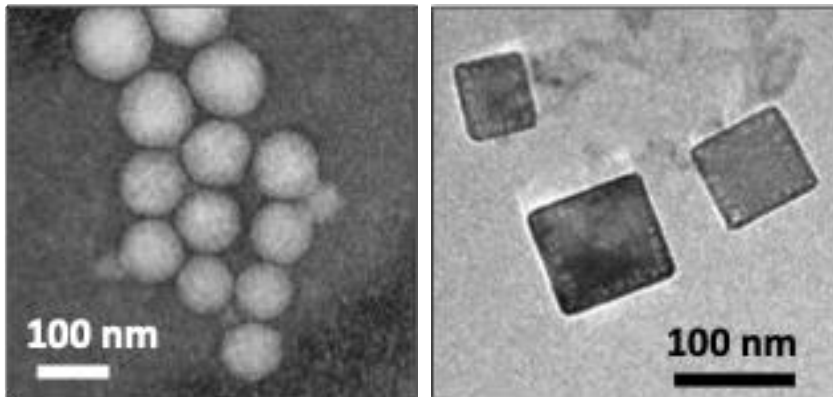
Axis 3: Information processing and dynamics of biological active matter.

Axis 4: Driving evolution within living systems.

Team expertise:

One-pot synthesis of bio-sourced and biodegradable materials

- Development of new catalytic systems
- Synthesis of polymers with controlled properties



Polymer-based nanomaterials

Question of Interest and/or Collaboration wanted:

Biological evaluations

In vitro, ex vivo, in vivo



Advanced characterizations

*polymers, formulations
interactions with
artificial membranes
and biomolecules*

Multiscale molecular modelling

*Molecular interactions,
macromolecular
modelling*