

# Research group: Catherine MICHAUX



## Physical chemistry of biomolecules

Characterization of the structure and properties of biomolecules (proteins) for the purpose of designing new therapeutics and biomaterials



Laboratory of Physical  
Chemistry of  
Biomolecules (CPB)

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NAmur Research Institute for Life Sciences



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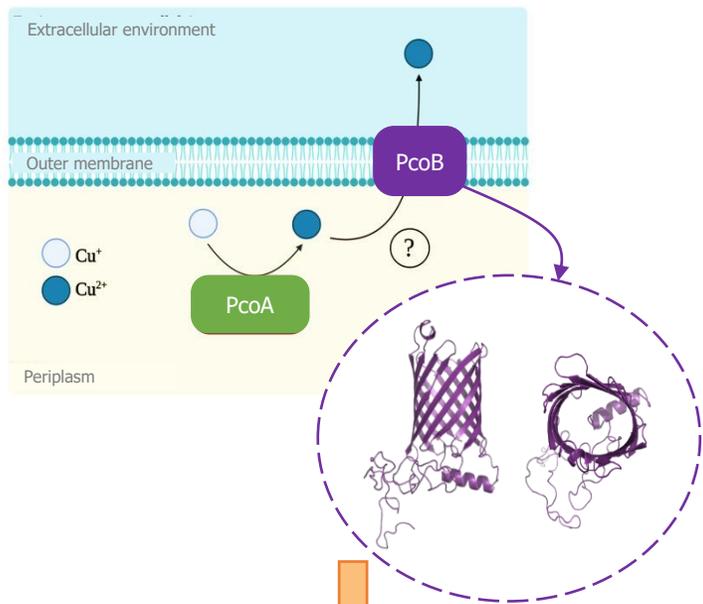


## PcoB

Copper surfaces as antibacterial



 **Copper resistance in bacteria**

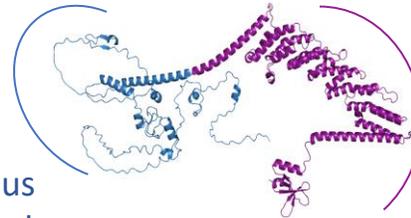


**Target to counter Cu resistance**

## TFIP11

**Splicing factor :**

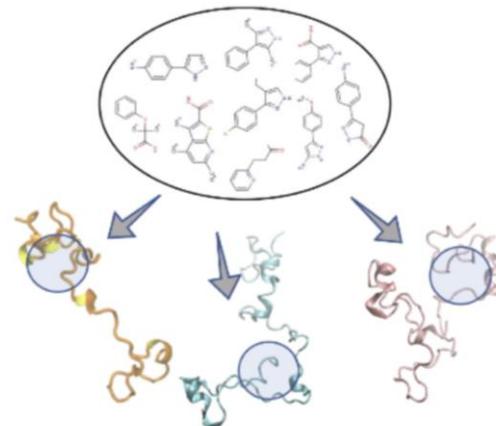
**Drug target for cancer treatment**  
**Intrinsically disordered protein (IDP)**



N-terminus  
Disordered

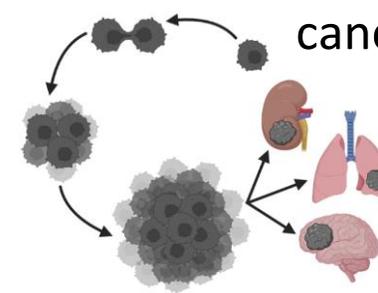
C-terminus  
Ordered

**IDP drug design**



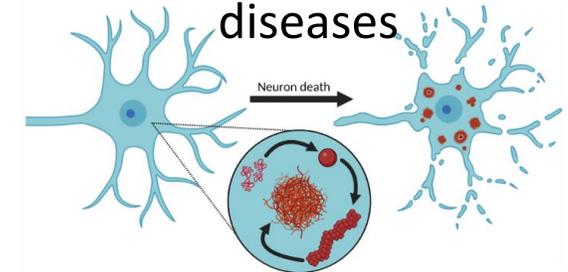
## DPF3

**Disordered protein (IDP) in cancer**



**Targeting in mitosis**

**Amyloidogenic protein in Alzheimer's and Parkinson's diseases**



**Targeting out of mitosis**

# Research group: Catherine MICHAUX



**Group leader**  
Catherine Michaux



**PhD students**



Laurelenn  
Hennaux



Blinera  
Juniku



Julien  
Mignon