

# Programme HAV929V - Physical Biology TC5 2024-2025

Head of teaching : [andrea.parmeggiani@umontpellier.fr](mailto:andrea.parmeggiani@umontpellier.fr)

- **Wednesday 11/09 : 9h45-13h00 (TD36.304)**  
*A. Parmeggiani (L2C): Motor proteins: from intracellular cytoplasmic transport to nanosciences - 1*
- **Friday 13/09 : 13h15-16h30 (TD36.304)**  
*J. Palmeri (L2C): The DNA and its statistical properties*
- **Wednesday 18/09 : 09h45-13h00 (TD36.304)**  
*A. Parmeggiani (L2C): Motor proteins: from intracellular cytoplasmic transport to nanosciences - 2*
- **Friday 20/09 : 13h15-16h30 (TD36.304)**  
*A. Parmeggiani (L2C): Thermodynamic concepts for biomolecular condensates*
- **Wednesday 25/09 : 09h45-13h00 (SC36.07)**  
*N.O. Walliser (L2C): Mechanisms of segregation and positioning of bacterial DNA: intracellular phase transitions*
- **Friday 27/09 : 13h15-16h30 (TD36.304)**  
*A. Parmeggiani (L2C): Mechanisms of segregation and positioning of bacterial DNA: driven diffusive models and experiments*
- **Wednesday 02/10 : 09h45-13h (SC36.09)**  
*F. Pedaci (CBS): Single molecule biophysics: detection and measurements*
- **Friday 04/10 : 13h15-16h30 (TD36.304)**  
*A. Nord (CBS): Rotating engines: the bacterial flagellar engine and its macromolecular dynamics*
- **Wednesday 09/10 : 09h45-11h15 (SC10.01)**  
*M. Nollmann (CBS): Biophysics of the DNA machinery*
- **Friday 11/10 : 13h15-16h30 (TD36.304)**  
*C. Doucet (CBS): Biophysical approaches to decipher nuclear pore structure, function and assembly.*