

# Séminaire



**CONFÉRENCIER  
INVITÉ**

**Jeudi 31 Janvier 2019 à 11h**

*Salle des  
séminaires*

*Institut de biologie structurale - 71 avenue des Martyrs CS 10090 38044 Grenoble Cedex 9 - T.+33 (0)4 57 42 85 00*

**www.ibs.fr**

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## **Studying the assembly and maturation of enveloped viruses using cryo-electron tomography and subtomogram averaging**

The combination of cryo-electron tomography and subtomogram averaging can be used to determine the structures of proteins within heterogeneous enveloped viruses. We have applied this approach to obtain insights into the structure and assembly of viruses including HIV-1, influenza A virus, and Ebola virus. I will describe our data with a particular focus on the assembly and maturation of HIV-1.

*Hôte : Groupe des Jeunes Chercheurs de l'IBS*