

## **TWINCORE - Seminar**

Tuesday November 13<sup>th</sup>, 2018, 5 p.m.

TWINCORE Lecture Hall 0.020

### **Viral transcription drives the formation of viral RNA granules within respiratory syncytial virus inclusion bodies**



#### **Marie-Anne Rameix-Welti (MD, PhD)**

Respiratory Syncytial Virus (RSV) is the most important cause of lower respiratory tract infections in young children worldwide and is also a significant cause of morbidity and mortality in elderly people. Cells infected by respiratory syncytial virus (RVS) exhibit cytoplasmic inclusion (IBs) which concentrate the components of the viral polymerase (L, P, N and M2-1) and the viral genomic RNA. Using metabolic labelling we established that viral RNA synthesis occur in IBs. We identified and characterized a novel compartment within IBs designated as IB associated granules (IBAGs).

#### **Who is Marie-Anne Rameix-Welti?**

- MCU-PH - Associate Professor (UVSQ), with Attending Physician clinical duties (Hôpital Ambroise Paré APHP, Pr Gaillard), UFR des Sciences et de la Santé, Paris Ile de France Ouest Université de Versailles.
- Founding Team-Leader in INSERM - Université de Versailles Saint-Quentin en Yvelines- France U1173

#### **Before:**

- From 2015: PHU - Tenure track Associate Professor, with Attending Physician clinical duties (Hôpital Ambroise Paré APHP, Pr Gaillard). Founding Team-Leader in INSERM - UVSQ - France
- 2010-2015: AHU - Post-Graduate Clinical Fellow (Hôpital Ambroise Paré APHP2) - UVSQ - France

Contact: Prof. Thomas Pietschmann, Phone +49 (0) 511 220027-130