

Monday November 21st 2016

9:30-10:00 Welcoming of the participants

10:00-10:10: Introduction and news from the **Phages.fr** network: Mireille Ansaldi & Sylvain Gandon

11:30-11:50: Session Host-phage Molecular Interactions (I) chair: Sylvain Gandon

1. 10:10-10:30: **Christian CABBILLAU**, Adsorption of lactococcal phages to the host cell wall: structure and function of their basepaltes
2. 10:30-10:50: **Anne JAMET**, A widespread family of polymorphic toxins harbored by temperate phages
3. 10:50-11:10: **Audrey LABARDE**, Viral factories organization in time and space during phage infection
4. 11:10-11:30: **Leo ZANGELMI**, Insights into the pre-early proteins of bacteriophage T5

11:30-11:50: Coffee break

11:50-12:50: Session Evolution & Ecology (I) chair: Marie-Agnès Petit

5. 11:50-12:10: **Stineke van HOUTE**, The diversity-generating benefits of a prokaryotic adaptive immune system
6. 12:10-12:30: **Hélène CHABAS**, Bacteriophage evolution in heterogeneous host populations
7. 12:30-12:50: **Clara TORRES-BARCELÓ**, Effects of antibiotics on the fitness of phages and bacteria in combined treatments

13:00-14:00: Lunch at the cafeteria

14:00-15:50: Session Therapy chair: Remy Froissart

8. 14:00-14:20: **Alain DUBLANCHET**, Phage therapy : recent treatments in France
9. 14:20-14:40: **Olivier PATEY**, Towards a French organization of phage therapy
10. 14:40-15:00: **Cindy FEVRE**, Phage therapy to treat respiratory tract infection
11. 15:00-15:30: **François RAVAT**, Phage therapy of the burns
12. 15:30-15:50: **Mai Huong CHATAIN-LY**, The factors affecting effectiveness of treatment in phages therapy, mini review

15:50-17:00: Posters and coffee

17:00-18:00: Session Ecology & Evolution (II) chair: Nicolas Ginet

13. 17:00-17:20: **Julien LOSSOUARN**, Phage-host interactions between the Phi29-related virulent phage Idefix and *Enterococcus faecalis*
14. 17:20-17:40: **Mireille ANSALDI**, Characterization of Phages and Antibiotics synergistic effects
15. 17:40-18:00: **Oliver KALTZ**, Quantifying the intensity of host-parasite coevolution in time-shift analyses

18:30: Towards « le Vieux-Port » and the UNM restaurant

Tuesday November 22nd 2016

9:15-9:40: *Coffee*

9:40-11:00: *Session Host-phage Molecular Interactions (II)*

chairs: Pascale Boulanger & Edze Westra

16. 9:40-10:00: **Anne CHEVALLEREAU**, Comparative transcriptomics analyses reveal the conservation of an ancestral infectious strategy during bacteriophage evolution
17. 10:00-10:20: **François LECOINTE**, Sak4 of phage HK620 is a RecA paralog with single-strand annealing activity stimulated by its cognate SSB protein
18. 10:20-10:40: **Cécile PHILIPPE**, Phage predation of the lactic acid bacterium *Oenococcus oeni* in the presence of wine phenolic compounds

10:40-11:40: *Posters and coffee*

19. 11:40-12:00: **Paulo TAVARES**, The mechanism of DNA headful sensor in bacteriophage SPP1
20. 12:00-12:20: **Raphaëlle DELATTRE**, Bacteriophages vs antibiotics: what about endotoxins release?
21. 12:20-12:40: **Charles-Adrien ARNAUD**, Siphophage T5 tail: Structural and Biophysical insights on the tail tube

13:00-14:00: *Lunch at the cafeteria*

22. 14:00-14:20: **Martine BOCCARA**, Application of the interferometric microscope to decipher complex environmental nanoparticles
23. 14:20-14:40: **Laurent DEBARBIEUX**, Yin and Yang of virulent bacteriophages in the gut

15:00-16:30: *General assembly of the **Phages.fr** network*