The potential and limitations of using bacteriophages in pathogen control

BONUS FLAVOPHAGE Seminar
Jyväskylä, 23.3.2020, Hotel Verso (Kauppakatu 35)

Session 1: Phage therapy
10:45  Mathias Middelboe (University of Copenhagen): Introduction to BONUS FLAVOPHAGE
11:00  Niels-Henrik Henriksen (Danish Aquaculture): Why is phage research needed in aquaculture?
11:20  Lotta-Riina Sundberg (University of Jyväskylä): Prevention of Flavobacterium columnare infections with phage
11:40  Lone Madsen/Valentina L. Donati (Technical University of Denmark): Phages as prophylactic measure and/or treatment of Flavobacterium psychrophilum infections under experimental conditions
12:00  Invited talk: Martha Clokie (University of Leicester): Phage-based prevention and control of Clostridium difficile
12:30  Lunch (included for registered participants)

Session 2: Phage application and phage-host interactions
13:45  Invited talk: Steven Hagens (Micreos): Phage therapy applications and licensing
14:15  Adelaide Almeida (University of Aveiro): Phage therapy as an alternative technology to decontaminate bivalves
14:35  Jason Clark (FixedPhage): Potential applications of immobilised bacteriophages in aquaculture
14:55  Jóhanna Jørgensen (University of Copenhagen): Phage-resistance and fitness cost in F. psychrophilum
15:15  Coffee

Session 3: Flavobacterium virulence, genomics and phage resistance
15:50  Krister Sundell (Åbo University Academy): Virulence characteristics in F. psychrophilum
16:10  Daniel Castillo (University of Copenhagen): Genomic characterization of F. psychrophilum virulence
16:30  Invited talk: Eric Duchaud (INRA, France): Genomics and phenotypic studies to understand Flavobacterium psychrophilum life style
17:00  Closing remarks