

DEPARTMENT OF VETERINARY MEDICAL SCIENCES UNIVERSITY OF BOLOGNA



Research Institute for Quantitative and Quantum Dynamics of Living Organism



**Saluto Autorità Accademiche
Maria Laura Bacci e Pier Paolo Gatta**

The Hibernator Microbiome: Host-Bacterial Interactions in a Extreme Nutritional Symbiosis

Hannah Carey

**University of Wisconsin, School of Veterinary Medicine
Department of Comparative Biosciences**

Research in the Carey Laboratory uses hibernating mammals as models for adaptation to extreme changes in physiology and nutrition that occur on a seasonal basis, with a focus on the gastrointestinal tract and liver. Current studies in the laboratory are examining the symbiotic relationship between mammalian hibernators and their gut microbes.

Matteo Cerri: introduction to the theme

Massimo Cocchi: conclusions

**Aula Messieri, Giovedì 23 Novembre 2017, ore 17
Via Tolara di Sopra, 50 Ozzano dell'Emilia, Bologna**