Our summer school aims at providing a unique meeting opportunity for young scientists (PhD students and postdocs) in the broader fields of epigenomics and nuclear receptor signaling, and in particular to cross-fertilize the fields in order to better understand diseases. Epigenomics can be described as the integrated study of components and mechanisms that regulate gene expression under physiological and pathophysiological conditions. Nuclear receptors are significant drug targets and today's best-studied signal-responsive transcription factors that in response to environmental and nutritional inputs modulate or even trigger epigenome alterations towards disease. Renowned lecturers and discussion leaders will introduce the current concepts and methodologies along with key components. This is followed by in-depth discussions of mechanisms and alterations underlying metabolic, inflammatory and proliferative diseases as well as ageing. Our course program is designed to actively encourage multiple student activities and networking during workshops, tutorial lunches and dinners, poster sessions and individual discussions every day, thereby stimulating the scientific dialogue and creating a familiar and inspiring atmosphere. All students and lecturers will stay at the Spetses Hotel offering idyllic surroundings, modern meeting facilities, excellent possibilities for recreation and exploration of Greek culture, bars and restaurants. Welcome to join us!

**Lecturers:**

Myles Brown (Boston, USA)  
Jason Carroll (Cambridge, UK)  
Karolien De Bosscher, (Ghent, Belgium)  
Lars Grontved (Odense, Denmark)  
Stephan Herzig (Munich, Germany)  
Karen Knudsen (Philadelphia, USA)  
Mitchell A. Lazar (Philadelphia, USA)  
Susanne Mandrup (Odense, Denmark)  
David D. Moore (Houston, USA)  
Kathryn J. Moore (New York, USA)  
Ines Pineda Torra (London, UK)  
Mercedes Ricote (Madrid, Spain)  
Joëlle Rüegg (Stockholm, Sweden)  
John W.R. Schwabe (Leicester, UK)  
Eckardt Treuter (Stockholm, Sweden)  
Wilbert Zwart (Amsterdam, The Netherlands)

**Application deadline:** May 27, 2019

Application portal and information:  
https://Epigenomics2019.febsevents.org

**Organizer:**  
Eckardt Treuter  
(Karolinska Institutet, Stockholm, Sweden)  

**Co-organizers:**  
Barbara Demeneix  
(CNRS, Muséum National d’Histoire Naturelle, Paris, France)  
Karen Knudsen  
(Thomas Jefferson University, Philadelphia, USA)