



**FEBS Advanced Lecture Course  
co-sponsored by CRESCENDO**

**Spetses Summer School on  
Nuclear Receptor Signalling:  
From Molecular Mechanisms to Integrative Physiology**

**Spetses Hotel, Island of Spetses, Greece  
August 23 - 28, 2009**

**Draft Programme**

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**SUNDAY, August 23**

16:00 - 21:00	Registration
18:00	Faculty meeting
18:15	Opening remarks <b>Jan-Åke Gustafsson &amp; Barbara Demeneix</b>
18:30 - 20:00	Self-presentation of participants and speakers
20:15 - 21:00	Keynote lecture <i>Chairman: Jan-Åke Gustafsson</i> <b>Jean-Pierre Changeux</b> (Paris, France) “The nicotinic receptor, an allosteric membrane protein involved in signal transduction: recent structural studies & implications for nuclear receptors”
21:00	Welcome reception

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## **MONDAY, August 24**

*Chairman: Barbara Demeneix*

- 09:00 – 09:45     **Jan-Åke Gustafsson** (Houston, USA & Stockholm, Sweden)  
“The new biology of estrogen action”
- 10:00 – 10:45     **Adriana Maggi** (Milan, Italy)  
“Estrogen receptor in liver: functional significant”
- 10:45 – 11:15     Coffee break
- 11:15 – 12:00     **Jason Carroll** (Cambridge, UK)  
“Understanding how estrogen receptor regulates gene transcription”
- 12:00 – 13:00     **Short Talks 1-4** (10 min talk +5 min discussion)
- 13:00 – 14:00     Lunch (+ tutorial group discussions)
- 16:30 – 19:00     **Poster Session I**
- 19:15 – 20:00     **Michael Mancini** (Houston, USA)  
“High throughput multiplex analysis of nuclear receptor function”
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## **TUESDAY, August 25**

*Chairman: Knut Steffensen*

- 09:00 – 09:45     **Barbara Demeneix** (Paris, France)  
“Thyroid hormone receptors and neuron specific signalling”
- 10:00 – 10:45     **Jacques Samarut** (Lyon, France)  
“Thyroid hormone receptor knockout mouse models of human disease”
- 10:45 – 11:15     Coffee break
- 11:15 – 12:00     **Susanne Mandrup** (Odense, Denmark)  
“The role of PPARs in regulation of metabolism and differentiation”
- 12:00 – 13:00     **Short Talks 5-8** (10 min talk +5 min discussion)
- 13:00 – 14:00     Lunch (+ tutorial group discussions)
- 16:30 – 19:00     **Poster Session II**

19:15 – 20:00 **George Chrousos** (Athens, Greece)  
“Evolution of steroid receptors”

21:00 Tutorial group dinner

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### **WEDNESDAY, August 25**

*Chairman: Eckardt Treuter*

09:00 – 09:45 **Karin Dahlman-Wright** (Stockholm, Sweden)  
“Estrogen and metabolic disease”

10:00 – 10:45 **Eckardt Treuter** (Stockholm, Sweden)  
“Coregulator pathways governing metabolism and inflammation”

10:45 – 11:15 Coffee break

11:15 – 12:00 **Iannis Talianidis** (Athens, Greece)  
“Transcription factor network regulating lipid metabolism in the liver”

12:00 – 13:00 **Short Talks 9-12** (10 min talk +5 min discussion)

13:00 – 14:00 Lunch (+ tutorial group discussions)

15:00 – 18:00 **Beach Workshops**

18:30 – 19:45 **Karsten Kristiansen** (Copenhagen, Denmark)  
“Tumor suppressors as regulators of nuclear receptors and metabolism”

20:00 – 20:45 **Shigeaki Kato** (Tokyo, Japan)  
“Regulated histone methylase/demethylase complexes supporting nuclear receptors”

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### **THURSDAY, August 27**

*Chairman: Johanna Zilliacus*

09:00 – 09:45 **Olli Jänne** (Helsinki, Finland)  
“Genome-wide analysis of androgen receptor and glucocorticoid receptor function”

10:00 – 10:45 **Jorma Palvimo** (Kuopio, Finland)  
“Regulation of nuclear receptors and their coregulators through lysine modifications.”

10:45 – 11:15 Coffee break

11:15 – 12:00 **Karen E. Knudsen** (Philadelphia, USA)  
"Androgen receptor regulation in prostate cancer: impact on cellular proliferation and therapeutic response"

12:00 – 12:30 Concluding remarks and evaluation (**Organizers**)

12:30 – 14:00 Lunch

Individual activities

21:00 Farewell dinner

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**FRIDAY, August 28**

Departure