



**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

SUNDAY, August 23

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|---------------|---|
| 16:00 - 21:00 | Registration |
| 18:00 | Faculty meeting |
| 18:15 | Opening remarks
Jan-Åke Gustafsson & Barbara Demeneix |
| 18:30 - 20:00 | Self-presentation of participants and speakers |
| 20:15 - 21:00 | Keynote lecture
<i>Chairman: Jan-Åke Gustafsson</i>
Jean-Pierre Changeux (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

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”

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

FRIDAY, August 28

Departure