

# FIRST INTERNATIONAL SYMPOSIUM OF THE JOURNAL: HORMONE MOLECULAR BIOLOGY AND CLINICAL INVESTIGATION

SEEFELD, Tyrol, Austria - 11-14 September 2010

## SCIENTIFIC ORGANIZING COMMITTEE

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## SCIENTIFIC PROGRAMME

LOCATION: All the scientific sessions of this symposium will be held at the:  
CONFERENCE-CENTER SEEFELD

Saturday 11 September

12.00-16.45

*Registration*

### Section 1

***HORMONE METABOLIZING ENZYMES (AROMATASES,  
SULFATASES, HYDROXYSTEROID DEHYDROGENASES,  
SULFOTRANSFERASES, HYDROXYLASES) AND INHIBITORS***

**Chairpersons:** Morfin Robert (*Paris, France*)  
Poirier Donald (*Quebec, Canada*)

17.00-17.30	1 L	<b>Carruba Giuseppe</b> ( <i>Palermo, Italy</i> ) Estrogen implication in human liver tumor development and progression is associated with changes in estrogen receptors and aromatase expression.
17.30-18.00	2 L	<b>Fujimoto Jiro</b> ( <i>Gifu City, Japan</i> ) Sex steroids in uterine endometrial cancer.
18.00-18.30	3 L	<b>Luu-The Van</b> ( <i>Quebec, Canada</i> ) Steroidogenic pathways that do not require testosterone as intermediate.
18.30-19.00	4 L	<b>Teichmann Alexander</b> ( <i>Aschaffenburg, Germany</i> ) Effect of topical administration of aromatase inhibitors.
19.00-21.00		<b><i>Registration and Reception</i></b>





- 17.00-17.25 16 L **Mück Alfred** (*Tübingen, Germany*)  
Use of Drospirenone in contraception: What makes the difference to other progestins?
- 17.25-17.50 17 L **Stanczyk Frank Z.** (*Los Angeles, USA*)  
Estradiol, a new option for combined oral contraceptives.

## ***HORMONES IN NORMAL AND PATHOLOGICAL PREGNANCIES***

**Chairpersons:** **Mück Alfred** (*Tübingen, Germany*)  
**Pasqualini Jorge R.** (*Paris, France*)

- 17.50-18.15 18 L **Hill Martin** (*Prague, Czech. Republic*)  
The new insights on the key role of placental oxidoreductases in the large differences between maternal and fetal sex hormones and neuroactive steroids.
- 18.15-18.40 19 L **Schindler Adolf** (*Essen, Germany*)  
Progestagen for the treatment and prevention of pregnancy disorders.
- 19.00-22.00 **Dinner**

**Monday 13 September, Morning**

## **Section 5**

### ***HORMONES AND THE BRAIN AND RELATED DISEASES*** ***(e.g.: ALZHEIMER'S, DEMENTIA)***

**Chairpersons:** **Garcia Segura Luis Miguel** (*Madrid, Spain*)  
**De Nicola Alejandro** (*Buenos Aires, Argentine*)

- 08.30-9.00 20 L **Garcia Segura Luis Miguel** (*Madrid, Spain*)  
Role of glial cells in the neuroprotective actions of estradiol.
- 09.00-9.30 21 L **Catt Kevin** (*Bethesda, USA*)  
New developments into the intracellular signaling mechanisms for Angiotensin II
- 09.30-10.00 22 L **Genazzani Andrea** (*Pisa, Italy*)  
Estrogens and progestins: molecular effects on brain cells.

10.00-10.30

*Coffee Break*

## Section 6

### **EUROPEAN PROGESTOGEN CLUB**

**Chairpersons:** **Schindler Adolf** (*Essen, Germany*)

**Pasqualini Jorge R.** (*Paris, France*)

- 10.30-10.45 23 L **Pasqualini Jorge R.** (*Paris, France*)  
Recent insight of progestogens and its metabolites in breast and endometrial cancers.
- 10.45-11.00 24 L **Bitzer Johannes** (*Basel, Switzerland*)  
Progestogens and psychosomatic health.
- 11.00-11.15 25 L **Druckmann René** (*Nice, France*)  
Progestogens and dysfunctional uterine bleeding.
- 11.15-11.30 26 L **Genazzani Andrea** (*Pisa, Italy*)  
Progestogen effects at vascular level: the endothelial cells.
- 11.30-11.45 27 L **Mück Alfred** (*Tübingen, Germany*)  
Progestin effects in endometriosis treatment: new research on mechanisms.
- 11.45-12.00 28 L **Schweppe Karl Werner** (*Westerstede, Germany*)  
Different progestins in the treatment of endometriosis - are there relevant differences?
- 12.00-12.15 29 L **Soderquist Gunnar** (*Stockholm, Sweden*)  
Mechanisms for differential effects between natural progesterone and synthetic progestogens on normal breast tissue.
- 12.15-12.30 30 L **Gompel Anne** (*Paris, France*)  
Pregnanes as contraceptive agents in women with contraindication to oral contraception (this includes lupus, thrombophilia and angioedema).
- 12.30-12.45 **Discussion**
- 13.00-14.15 **Lunch**

### **Monday 13 September, Afternoon**

14.15-15.45

**POSTER PRESENTATIONS - II**  
*(Posters 201 P..... -)*

## Section 7

### ***HORMONES AND AGEING (MENOPAUSE, ANDROPAUSE), HORMONE REPLACEMENT THERAPY (HRT), AND IN SEXUAL DYSFUNCTION***

**Chairpersons:** **Saad Farid** (*Berlin, Germany*)  
**Raynaud Jean-Pierre** (*Paris, France*)

15.45-16.15	31 L	<b>Isidori Andrea</b> ( <i>Rome, Italy</i> ) Hormone Replacement Therapy and Inflammation.
16.15-16.45	32L	<b>Maggi Mario</b> ( <i>Florence, Italy</i> ) Testosterone deficiency in the aging male and its relationship with sexual dysfunction and cardiovascular diseases.
16.45-17.15	33 L	<b>Morfin Robert</b> ( <i>Paris, France</i> ) New insight on DHEA beneficial effects.
17.15-17.45	34 L	<b>Saad Farid</b> ( <i>Berlin, Germany</i> ) Testosterone and frailty.
17.45-18.15	35 L	<b>Traish Abul</b> ( <i>Boston, USA</i> ) Androgens in male and female sexual function.
18.15-18.45	36 L	<b>Raynaud Jean-Pierre</b> ( <i>Paris, France</i> ) Hormone treatment and health outcome.
19.30-22.00		<b><i>Dinner</i></b>

**Tuesday 14 September, Morning**

## **Section 8**

### ***HORMONES IN PATHOGENESIS. RECENT ADVANCES IN THE TREATMENT OF ENDOCRINE CANCERS: BREAST, PROSTATE, ENDOMETRIUM, OVARY (Part II)***

**Chairpersons: Sutherland Robert** (*Sydney, Australy*)  
**Genazzani Andrea** (*Pisa, Italy*)

- 08.00-08.30 37 L **Visser Monique** (*AL Zeist, The Netherlands*)  
New data on Estetrol in breast cancer.
- 08.30-09.00 38 L **Leyendecker Gerhard** (*Darmstadt, Germany*)  
A new concept of endometriosis - tissue injury and repair.
- 10.00-10.30 39 L **Labrie Fernand** (*Quebec, Canada*)  
Endocrine resistance in prostate cancer.
- 12.00-12.30 40 L **Baniahmad Aria** (*Jena, Germany*)  
The nuclear hormone receptor corepressor Alien inhibits cancer cell proliferation.
- 09.00-09.30 41 L **Lamartiniere Coral** (*Birmingham, USA*)  
Endocrine disruptors and breast cancer.
- 10.30-11.00 **Coffee Break**

### ***MECHANISM OF ACTION OF HORMONES: RECEPTORS. CO-REGULATORS AND GENETIC FACTORS***

**Chairpersons: Groner Bernd** (*Frankfurt, Germany*)  
**Brodie Angela** (*Baltimore, USA*)

- 11.00-11.30 42L **Dufau Maria** (*Bethesda, U.S.A*)  
Regulatory modalities governing repression/derepression of the Luteinizing Hormone Receptor transcription.
- 11.30-12.00 43 L **Edwards Dean** (*Houston, USA*)  
Mechanisms and role of progesterone receptor interactions with extra-nuclear signaling complexes.
- 12.00-12.30 44 L **Greene Geoffrey** (*Chicago, USA*)  
Molecular, genetic and structural distinctions that define SERM action via the two ERs.
- 12.30-13.00 45 L **Palvimo Jorma** (*Kupio, Finland*)  
Androgen receptor molecular biology.

13.00-13.30 46 L **Groner Bernd** (*Frankfurt, Germany*)  
Signal transducers and activators of transcription in the mammary gland.  
13.30-14.45 **Lunch**

**Tuesday 14 September, Afternoon**

**Section 9**

***HORMONES IN PATHOGENESIS. RECENT ADVANCES IN THE TREATMENT OF ENDOCRINE CANCERS: BREAST, PROSTATE, ENDOMETRIUM, OVARY (Part III)***

**Chairpersons:** **Baniahmad Aria** (*Jena, Germany*)  
**Darbre Philippa** (*Reading, England, UK*)

14.45-15.15 47 L **Clarke Robert** (*Washington, USA*)  
Modeling cell fate signaling in hormone resistance in breast cancer.

15.15-15.45 48 L **Darbre Philippa** (*Reading, England, UK*)  
Increased rapamycin sensitivity of three human breast cancer cell lines following long-term oestrogen and insulin deprivation.

15.45-16.15 49 L **Farsetti Antonella** (*Rome, Italy*)  
eNOS in prostate cancer.

16.15-16.45 50 L **Gee Julia** (*Cardiff, UK*)  
Anti-hormone induced compensatory signaling in breast cancer: An adverse event in the development of endocrine resistance.

16.45-17.15 51 L **Brodie Angela** (*Baltimore, USA*)  
Strategies for over coming resistance to aromatase inhibitors.

17.15-17.45 52 L **Jordan V Craig** (*Washington, USA*)  
Mechanisms of estrogen-induced apoptosis in breast cancer.

18.00-18.30 ***Poster prize award of the Austrian Cancer Society Tyrol (2 prizes), Astra Zeneca Austria and Novartis Austria (500 € each prize).  
Presentation of the four selected posters (5 min.each).***

19.00-21.30 ***Cheese and Wine***