

26th Pezcoller Symposium (Trento, Italy; June 19-21, 2014)

CANCERS DRIVEN BY HORMONES

Co-Chairs: David Livingston, Myles Brown, Arul Chinnaiyan, Antonella Farsetti, Massimo Loda, Roland Schule and Enrico Mihich

Thursday, June 19, 2014

8:00	Registration	
8:35	Davide Bassi	Welcome
8:40	Enrico Mihich	Introduction
8:45	David Livingston	Focus & Goals
8:55	Hans Clevers	Keynote Address: Lgr5 stem cells in self-renewal and cancer

Session I, Mechanistic Underpinnings of Tumor Cell Hormone Responsiveness

Chair/Moderator: Massimo Loda

9:40	Sohail Tavazoie	Small RNAs, ApoE, and LRP's comprise a druggable anti-metastatic network in melanoma
10.05	Discussion	
10:25	Coffee Break	
10:45	Miguel Beato	Genome structural dynamics in hormonal gene regulation
11.10	Discussion	

Session II, Hormonal Signaling in Breast Cancer

Chair/Moderator: Myles Brown

11:30	Myles Brown	Genetic and Epigenetic Determinants of Hormone Dependence
11:55	Discussion	
12:15	Lunch	
13.15	Jay Carroll	Understanding cross-talk between nuclear receptors in ER+ breast cancer
13.40	Discussion	
14.00	Catherine Brisken	How progesterone promotes breast carcinogenesis
14.25	Discussion	

Session III, Translational Developments in Hormone-driven Breast Cancer

Chair/Moderator: Catherin Brisken

14.45	Rene Bernards	Molecular diagnostics of breast cancer
15.10	Discussion	
15.30	Coffee Break	
15.45	Carlos Arteaga	The PI3K/TOR pathway as a therapeutic target in breast cancer
16.10	Discussion	
16.30	Mitch Dowsett	Biomarkers of response and resistance to estrogen deprivation in primary breast cancer
16.55	Discussion	
17.15	Adjourn	

Friday, June 20, 2014

Session III, Translational Developments in Hormone-driven Breast Cancer (continued)

Chair/Moderator: Catherin Brisken

- 8:30 Pier Paolo Di Fiore Connecting the machineries of cell fate determination and tumor suppression in mammary stem cells
8.55 Discussion

Session IV, Hormonal Signaling in Prostate Cancer

Chair/Moderator: Arul Chinnaiyan

- 9.15 Arul Chinnaiyan Towards Precision Medicine for Advanced Prostate Cancer
9:40 Discussion
10.00 Owen Witte Stem Cell Targets and Pathways in Prostate Cancer Progression
10.25 Discussion
10.45 Antonella Farsetti Estrogen/ERs, Hypoxia/HIFs and NO/eNOS signaling in hormone-driven cancers
11.10 Discussion
11.30 Coffee Break

Chair/Moderator: Roland Schuele

- 11.45 Roland Schuele Physiology and pathology of the epigenetic drug target LSD1
12.10 Discussion
12.30 Matthew Freedman Charting the AR cistrome in human prostate tissues
12:55 Discussion
13.15 Poster Session & Lunch
15.30 Karen Knudsen Hormone-DNA repair interplay-- mechanisms and implications for disease progression
15.55 Discussion

Session V, Translational Developments in Hormone-driven Prostate Cancer

Chair/Moderator: Antonella Farsetti

- 16.15 William Hait Surviving metabolic stress: of mice (squirrels) and men
16.40 Discussion
17.00 Vasana Yegnasubramanian The double-edged sword of androgen-induced double strand breaks in prostate cancer
17.25 Discussion
17:45 Adjourn
19.45 Symposium Dinner

Saturday, June 21, 2014

- 8:00 Best Posters' Oral Presentations

Session V, Translational Developments in Hormone-driven Prostate Cancer (continued)

Chair/Moderator: William Hait

- 9:00 Robert Reiter PET and optical imaging of prostate cancer with engineered antibodies
9:25 Discussion
9:45 Martin Gleave Co-Targeting the AR and Adaptive Stress Pathways in mCRPC
10:10 Discussion
10:30 David Livingston **Concluding Remarks**
11:00 Lunch & Adjourn