Amazon Project

VIII EDITION – BIENNIAL INTERNATIONAL DAYS

Palermo, 15-20 November 2010

The Journey of the Body. Creation/Mutation

Promotion and Organization
Associazione Arlenika onlus, Palermo

Project and Direction
Anna Barbera, Lina Prosa, Palermo

VIII SCIENTIFIC CONFERENCE ON BREAST CANCER

THE JOURNEY OF A CANCER CELL:
BIRTH, EVOLUTION, FATE

Palazzo Steri, Sala dei Baroni, Palermo
November 18-20, 2010

PROVISIONAL PROGRAM

Thursday November 18th

9.00am

Luigi Castagnetta Award
Introduced by Luca Gianni

SESSION I. A transdisciplinary setting

Antonino Buttitta, Palermo, Italy
Culture, identity, mutation

James E. Trosko, East Lansing, MI, USA
The society of cells: communication and misunderstandings

Margaret Lock, Quebec, Canada
The eclipse of the gene and the return of divination

3.00pm

PLENARY LECTURE

Craig V. Jordan, Washington, DC
Estrogen action in the life and death of breast cancer cells

SESSION II. Adult and cancer stem cells

Max Wicha, Ann Arbor, MI, USA
Novel strategies to target BRCA1-deficient breast cancer

Robert B Clarke, Manchester, UK
Breast cancer stem cells and endocrine resistance

Kathryn B. Horwitz, Denver, CO, USA
HRT and breast cancer risk: potential implication of stem cells

Jose Russo, Philadelphia, PA, USA
The concept of stem cell in the mammary gland and its implication in morphogenesis, cancer and prevention.

Gennadi V Glinsky, Columbia, MO, USA
Stem cell origin of death-from-cancer phenotypes of human prostate and breast cancers

Ruggero De Maria, Rome, Italy
Apoptosis in normal and cancer stem cells

Gil Smith, Bethesda, MD
Stem cells, hormones, and mammary cancer.

Friday, November 19th

9.00am

SESSION III. Tumor progression: heterogeneity and selection

Sui Huang, Calgary, Canada
Non-genetic heterogeneity – a mutation-independent driving force for the somatic evolution of tumors

Salvatore Pece, Milan, Italy
Biological and molecular heterogeneity of breast cancer is a reflection of cancer stem cell content

Charlotte Kuperwasser, Boston, MA, USA
Stromal effects on mammary epithelial tumor growth

Carlos Sonnenschein, Boston, MA
The role of physical forces and epithelial-stromal interactions in normal tissue organization and breast carcinogenesis

Jenny C Chang, Houston, TX
Targeting stem cell to treat triple negative breast cancer

Mary Jo Fackler, Baltimore, MD, USA
Defining tumor heterogeneity through an analysis of the methylome in breast cancer-methylated gene markers specific for each subtype of breast cancer?

3.00pm

SESSION IV. Invasion and metastasis: detachment and settling

Peter Friedl, Nijmegen, Netherlands
The plasticity of cell migration in cancer invasion

Massimo Zollo, Naples, Italy
Metastatic breast cancer: does prune make the tumor prone?

Patricia S Steeg, Bethesda, MD, USA
Combating brain metastasis in breast cancer

Antonio Wolff, Baltimore, MD, USA
Novel approaches to treating metastatic breast cancer

Joan Massague, New York, NY, USA
Addressing distant metastasis using animal models and deriving signatures of metastasis

Sara Sukumar, Baltimore, MD, USA
The "rapid autopsy tissue donation program" and its impact on genome wide studies on metastasis

Robert I Nicholson, Cardiff, UK
Src as a therapeutic target to combat breast cancer invasion and metastasis

Saturday, November 20th

9.00am

SESSION V. A Transdisciplinary Approach to Human Sciences (TAHS)

With

Biagio Agostara, Clinical Oncology, Dept of Oncology, ARNAS-Civico, Palermo; **Anna Barbera,** Direction, Amazon Project, Palermo; **Giuseppe Carruba,** Experimental Oncology, Dept of Oncology, ARNAS-Civico, Palermo; **Laura Corradi,** Sociology of Health and Environment, University of Calabria; **Nicoletta Diasio,** Faculty of Social Sciences, Marc Bloch University, Strasbourgh; **Barbara Duden,** Sociology and Psichosociology**,** Hannover University; **Erich Hamberger**, Department of Communication Science, Salzburg University; **Ilana Lowy**, CERMES, Paris; **Lina Prosa,** Direction, Amazon Project, Palermo**, Ana M. Soto,** Department of Anatomy and Cell Biology, Tuft University, Boston, MA; **Adele Traina,** Scientific Consultant, Amazon Center, Palermo.