



AICC
ITALIAN ASSOCIATION OF CELL CULTURES
28th ANNUAL CONFERENCE

**APPROACHING THE NEW ERA OF MOLECULAR MEDICINE:
FROM TARGET BASED AGENTS TO NUCLEIC ACIDS
IN THE TREATMENT OF TUMOURS AND
NEURODEGENERATIVE DISEASES**

MEETING PRESIDENTS: MICHELE CARAGLIA- SALVATORE DEL PRETE - ANTONIO FEBBRARO

Naples, November 16th - 17th 2015
Second University of Naples, Medical School



AICC Italian Association of Cell Culture

The AICC was founded in Bologna in 1980 as an Italian wing of the "European Tissue Culture Society" (ETCS) in order to promote the study and application of in vitro culture for the development of biomedical research through scientific meetings, publications, training in vitro culture techniques, exchange of information between researchers and research institutes. The AICC currently has about 150 members from the most important Italian Universities and Research Institutes.

AICC Annual Meeting

Every year the AICC organizes an annual congress open to members but also to researchers, especially younger, who wish to attend the sessions of speakers selected among outstanding Italian and international scientists. In addition to the plenary session, it is always present a poster session reserved to younger researchers who wish to share and discuss their data with more experienced ones. In order to stimulate scientific research every year several prizes for the best posters are awarded.

2015 XXVII Annual Meeting

The annual congress on 2015 will be held in Naples in the historical buildings of the School of Medicine of the Second University of Naples which features prestigious halls in the palace that belonged to Joachim Murat and in the Complex of S. Andrea delle Dame. The halls of the School of Medicine of the SUN are seventeenth-century buildings that have been hosting the SUN Medical School University from the end of the nineteenth century. Today they are equipped with the most modern audio / video systems. The conference is divided into three days that include three plenary sessions with international speakers, three regular sessions with short oral presentations, a posters sessions, and ancillary course of flow cytometry held by the GIC (Italian Society of Cytometry).

Moreover there will be a social dinner and a guided visit to the unique Anatomical Museum of SUN

November 16th 2015

Aula Magna, SUN Medical School

8.30 Registration

9.30 Meeting Opening and Introductory Remarks

Rector of the Second University of Naples

Prof. Giuseppe Paolisso

Pro-Rector of the Second University of Naples and advisor of the healthcare division

Prof. Giovanni Francesco Nicoletti

AICC President

Dr. Katia Scotlandi

Presentation of the meeting:

Prof. **Michele Caraglia**

Prof. **Fortunato Ciardiello**

Prof. **Salvatore Del Prete**

10.15 Opening Lecture

Prof. **Carlo Croce**

The John W. Wolfe Chair in Human Cancer Genetics, The Ohio State University

“Causes and consequences of microRNA dysregulation in cancer”

Section 1: Changing the faith of a drug without changing the mechanisms: the nanotechnological approach

Chairs: **F. Ciardiello, S. Del Prete**

11.00 Lecture: How to define nanotechnology in the medical field: refining and retuning active drugs

P. Caliceti

11.30 Coffee Break

12.00 Eribuline, Nab-paclitaxel and Peg-filgrastim: old and new indications

P. Tagliaferri

12.20 Target based therapy in breast cancer

R. Addeo

12.40 Liposomal anthracyclins and personalized therapy in the treatment of ovarian cancer

S. Pignata

13.00 Medical treatment of hepatocellular carcinoma : what present and what future?

A. Prudente

13.20 Light Lunch

Section 2: Drug delivery and mi-RNAs in cancer therapy

Chairs: **C. Leonetti, D. Ingrosso, A. Febbraro**

14.20 New treatment modalities in prostate cancer

G. Giordano

14.40 Epi-microRNAs: regulators of regulators in the treatment of multiple myeloma

N. Amodio

15.00 miR34a: how to deliver nucleic acids in a tumour

M. Caraglia

15.20 Quality of life and supportive therapy in cancer setting

A. Fabozzi

15.40 Circulating microRNAs in human cancer

M. Ferracin

16.00 miRNAs in the nervous system tumors

I. D'Agnano

16.20 selected presentations

17.05 Guided visit to the Anatomical Museum of the Second University of Naples



November 17th 2015

Bottazzi Hall, SUN Medical School

Section 3: Target Based agents: from the target expression to the molecular addiction

Chairs: **S. Meschini, P. Tagliaferri**

9.00 The evolution of medical treatments in the era of target based agents: the example of colon cancer

F. Ciardiello

9.20 Mechanisms of resistance to target based agents in non small cell lung cancer

F. Morgillo

9.40 Lecture: Gerocoverison and gerosuppression: controlling cell proliferation and senescence

M. Blagosklonny

10.10 Coffee Break and visit to the posters and stands

10.30 Translational development of rational combinations of targeted agents with synergistic anti-tumor activity

M. Milella

10.50 Translational Epigenetics for the Early Detection of High-Risk Prostate Cancer

A. Perry

11.10 The role of autophagy in head and neck cancer treatment: from drug resistance to cell death

V. Desiderio

11.30 Selected presentations

12.00 Meeting of the AICC associates. Awards to the best posters

13.00 Lunch

Section 4: Molecular insight in the treatment of neurodegenerative diseases.

mi-RNAs, si-RNAs and advanced imaging

Chairs: **P. Grieco, G. Tedeschi**

14.00 New insights in the understanding of neurodegenerative diseases by advanced imaging

G. Tedeschi

14.20 microRNAs in ALS pathogenesis and new therapeutic directions

E. Hornstein

14.40 Neurodegeneration in multiple sclerosis

W. Bruck

15.00 Coffee Break and visit to the posters and stands

16.00 Selected presentations

Concluding remarks and ECM questionnaires

Social dinner



FACULTY

DR. **ADDEO RAFFAELE** - NAPLES (ITALY)
PROF. **AMODIO NICOLA** - CATANZARO (ITALY)
PROF. **BLAGOSKLONNY MIKHAIL** - NEW YORK (USA)
PROF. **BRUCK WOLFGANG** - GOTTINGEN (GERMANY)
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PROF. **CIARDIELLO FORTUNATO** - NAPLES (ITALY)
PROF. **CROCE CARLO** - COLUMBUS, OHIO (USA)
DR. **D'AGNANO IGEA** - ROME (ITALY)
PROF. **DEL PRETE SALVATORE** - FRATTAMAGGIORE (ITALY)
PROF. **DEL VECCHIO LUIGI** - NAPLES (ITALY)
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DR. **FEBBRARO ANTONIO** - BENEVENTO (ITALY)
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PROF. **TAGLIAFERRI PIEROSANDRO** - CATANZARO (ITALY)
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DR. **ZAPPAVIGNA SILVIA** - NAPLES (ITALY)

NOTES



Scientific Committee

Michele Caraglia, Gianpaolo Papaccio, Fortunato Ciardiello, Salvatore Del Prete, Raffaele Addeo, Antonio Febbraro, Paolo Grieco, Carlo Leonetti, Vincenzo Desiderio, Katia Scotlandi, Elena Capasso, Giuseppe Pirozzi, Stefania Meschini, Massimo Donadelli, Francesca Zazzeroni, Sonia Emanuele

Meeting Presidents:

Michele Caraglia, Department of Biophysics Biochemistry and General Pathology, Tel 0815665871 (studio) 0815665874 (Lab) email: michele.caraglia@unina2.it;

Salvatore Del Prete, Chief of the Oncology Unit of the "San Giovanni di Dio" of Frattamaggiore, Naples.

Antonio Febbraro, Department of Oncology of the "Ospedale Sacro cuore di Gesù Fatebenefratelli", Benevento

Meeting Secretariat:

Olga Fiorentino, Marianna Gallo, Angela Lombardi and Teresa De Simone.

Email: angelalombardi@hotmail.it and phone: 3335681776



INFO

REGISTRATION FEES (VAT INCLUDED)

FULL FEE: EARLY REGISTRATION (until 30th September 2015)

AICC and GIC Member € 150,00

Non-Member € 200,00 (€ 150,00 + € 50,00 mandatory membership fee)

Ph.D. € 120,00 (€ 70,00 + € 50,00 mandatory membership fee)

Student € 50,00

FULL FEE: LATE REGISTRATION (from 1st October 2015)

AICC, and GIC Member € 200,00

Non-Member € 250,00 (€ 200,00 + € 50,00 mandatory membership fee)

Ph.D. € 170,00 (€ 120,00 + € 50,00 mandatory membership fee)

Student € 80,00

THE REGISTRATION FEE INCLUDES THE FOLLOWING:

Attendance at the 28th Annual Conference of Italian Association of Cell Cultures (ONLUS AICC), conference kit, coffee breaks, lunches, ECM credits for the assignees.

For the social dinner participation

an extra quote of 30,00 € is required and the participants have to express their will at the moment of subscription.

The event will be credited to 100 doctors:

Doctors Surgeons (all discipline), Pharmacist, Biologist, Radiology, Medical Laboratory Scientist, Chemical, Physical

ID EVENTO: 138202

CREDITS: 12

Organizing Secretary

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FOR INFORMATION AND REGISTRATION PLEASE CONTACT THE ORGANIZING SECRETARY

With the contribution unconditioned of

