

**ASSOCIAZIONE
ITALIANA
DI CULTURE
CELLULARI** **31st** Annual Conference
of Italian Association
of Cell Cultures (AICC)

BOLOGNA
27-28 NOVEMBER 2018

**CELL
COMMUNICATION
AND SIGNALING**

*How to turn bad language
into positive one*

ISTITUTO ORTOPEDICO RIZZOLI
Centro di Ricerca Codivilla-Putti, Aula Anfiteatro
Via di Barbiano 1/10, Bologna



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SPEAKERS

Marco Agostini, *University of Padua, Italy*

Riccardo Alessandro, *University of Palermo, Italy*

Massimiliano Bonafè, *University of Bologna, Italy*

George Calin, *MD Anderson Medical Center, Houston, US*

Giovanni Camussi, *University of Turin, Italy*

Maria Carafa, *"Sapienza" University, Rome, Italy*

Stefano Fais, *Istituto Superiore di Sanità, Rome, Italy*

Milena Fini, *Istituto Ortopedico Rizzoli, Bologna, Italy*

Susanne Gabrielsson, *Karolinska Institutet, Stockholm, Sweden*

Brunella Grigolo, *Istituto Ortopedico Rizzoli, Bologna, Italy*

Gina Lisignoli, *Istituto Ortopedico Rizzoli, Bologna, Italy*

Umberto Malapelle, *University of Naples "Federico II", Italy*

Massimo Negrini, *University of Ferrara, Italy*

Gabriella Sozzi, *Fondazione IRCCS Istituto Nazionale dei Tumori, Milan, Italy*

Anna Maria Teti, *University of L'Aquila, Italy*

GENERAL INFORMATION

Conference Venue

Istituto Ortopedico Rizzoli - Aula Anfiteatro

Via Di Barbiano, 1/10 - 40136 Bologna, Italy

www.ior.it

Registration Fees

The participation in the meeting is reserved to AICC members.

- Annual membership fee: € 50,00
- Meeting registration: € 200,00 for the entire duration
€ 100,00 for one-day registration
€ 250,00 on site registration
- PhD Students and Students: € 50,00 for membership fee
Free meeting registration

The registration fee includes:

- Participation in the Scientific Sessions
- Attendance Certificate
- Conference kit, coffee breaks, lunches

How to register

The registration and the payment forms are available on line at the website: **www.aicc.website**

The deadline is 15 September 2018.

Language

The official language of the Conference is English.

Simultaneous translation will not be provided.

Slides

Slides must be in English.

Computer video projection will be available in Power Point.

Other requirements should be communicated to the Organising Secretariat as soon as possible.

Slides should be given to the slide centre one hour before the beginning of the session.

GENERAL INFORMATION

Best Poster And Oral Presentation Awards

During the conference AICC will award poster prizes for researchers under 35 years of age.

Two "Guido Berlucci Foundation Best Poster Prizes" will be available for researchers under 35 of any nationality, for oncology research implemented in an Italian laboratory. Each prize is of 500 euros.

One "Guido Berlucci Foundation Best Oral Presentation Prize" will be available for researchers under 40 of any nationality, for oncology research implemented in an Italian laboratory. The prize is of 500 euros, plus a bonus to be used by the winner for the attendance at 2019 events of any Scientific Society in the field of oncology.

Attendance Certificate

A certificate will be sent to all participants at the end of the meeting.

Practical Information

How to reach the meeting venue

The Istituto di Ricerca Codivilla-Putti Congress Centre is located in Via di Barbiano 1/10.

Please find here some useful information.

By road. For the Istituto di Ricerca Codivilla-Putti Congress Centre follow the signs for the Poliambulatorio Rizzoli: when you get to Porta Castiglione on the avenues, go southwards (away from the city - towards the hills) along via Castiglione, which then becomes Via di Barbiano, a narrow road.

The entrance to the pay car park of the Rizzoli Codivilla-Putti Congress Centre is at the Poliambulatorio entrance.

By rail. Bus "A" connects the railway station and the town centre with the Istituto di Ricerca Codivilla-Putti Congress Centre. It runs every 10-11 minutes (depending on the time of day) and takes about 22 minutes to complete the journey. On board there is a ticket machine.

By air. The "BLQ" bus connects G. Marconi airport with Bologna railway station. It runs every 15 minutes and takes 30 minutes to get to the station. From the station you can catch bus "A" as described above.

SCIENTIFIC PROGRAMME

TUESDAY, NOVEMBER 27th

09.00 Registration and poster set-up

09.30 **OPENING CEREMONY**

Greetings from the Authorities

Greetings from AICC President

Katia Scotlandi (*Bologna, Italy*)

10.00 **OPENING LECTURE**

About Noam Chomsky, genomic immunity, non-codingRNAs and DNAs and human diseases

George Calin (*Houston, US*)

10.45 *Coffee break*

11.15 **SESSION I**

13.00 **CIRCULATING SIGNALS AND CANCER**

Chairs: Maria Teresa Di Martino and Alessandra Carè

11.15 **Multiple Approaches for miRNA-based Therapies of Cancer**

Massimo Negrini (*Ferrara, Italy*)

11.40 **Liquid biopsy: exosomal cargo in NSCLC patients**

Umberto Malapelle (*Naples, Italy*)

12.05 **Microenvironment-related miRNAs for risk assesment and therapeutics of lung cancer**

Gabriella Sozzi (*Milan, Italy*)

12.30 Selected talks

12.45 Selected talks

13.00 *Lunch*

SCIENTIFIC PROGRAMME

TUESDAY, NOVEMBER 27th

14.00 Poster viewing

15.00 **SESSION II**

17.30 **TUMOUR-MICROENVIRONMENT INTERACTIONS**

Chairs: Claudia Chiodoni and Francesca Zazzeroni

15.00 **Microenvironmental acidity and exosome levels interplay in tumor malignancy**

Stefano Fais (Rome, Italy)

15.25 **Endosteal niche and tumour dormancy**

Anna Maria Teti (L'Aquila, Italy)

15.50 *Tea break*

16.15 **Role of Extracellular Vesicles in Tumor-microenvironment Interactions**

Giovanni Camussi (Turin, Italy)

16.40 Selected talks

17.05 Selected talks

17.30 **AICC General Assembly and Board Election**

19.00 Adjourn

SCIENTIFIC PROGRAMME

WEDNESDAY, NOVEMBER 28th

09.00 **SESSION III**

12.15 **CLINICAL POTENTIAL OF EXOSOMES**

Chairs: Michele Caraglia and Massimo Serra

09.00 **Extracellular vesicles in endocrine therapy resistant breast cancer**

Massimiliano Bonafè (Bologna, Italy)

09.25 **Niosomes: a versatile approach to nanomedicine**

Maria Carafa (Rome, Italy)

09.50 **Exosome-mediated signalling in cancer**

Riccardo Alessandro (Palermo, Italy)

10.15 *Coffee Break*

10.45 *Selected talks*

11.00 *Selected talks*

11.15 **New tools for exosomes evaluation - MILTHENYI**

Chairs: Massimo Donadelli and Alessandra De Feo

12.15 *Lunch and poster viewing*

SCIENTIFIC PROGRAMME

WEDNESDAY, NOVEMBER 28th

14.00 SESSION IV

15.45 3D-ORGANOIDS MODELS AS NEW TOOLS FOR BIOMEDICAL RESEARCH AND APPLICATION

Chairs: Marika Sciandra and Stefania Meschini

14.00 Patient-specific meniscus prototype based on 3D bioprinting of human cell-laden scaffold

Brunella Grigolo (Bologna, Italy)

14.25 Human derived 3D cultures for studies on bone metastases

Milena Fini (Bologna, Italy)

14.50 Three-dimensional patient-derived acellular scaffold of colorectal cancer and liver metastases as an ex vivo model of liver metastatic colonization

Marco Agostini (Padua, Italy)

15.15 Mesenchymal stem cells and synoviocytes: development of an in vitro co-culture model

Gina Lisignoli (Bologna, Italy)

15.30 Selected Talk

15.45 Tea break

16.00 AWARD CEREMONY

Chairs: Katia Scotlandi and Carlo Leonetti

Best poster and oral presentation awards from "Fondazione Guido Berlucci" and AICC

16.30 CLOSING LECTURE

Potentiating exosomes for immunotherapy in cancer

Susanne Gabrielsson (Stockholm, Sweden)

17.15 Closing Remarks

Under the patronage of



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IL CANCRO



Rendiamo il cancro sempre più curabile.



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