



ASSOCIAZIONE  
ITALIANA  
DI CULTURE  
CELLULARI

31<sup>st</sup> 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



SERVIZIO SANITARIO REGIONALE  
EMILIA-ROMAGNA  
Istituto Ortopedico Rizzoli di Bologna  
Istituto di Ricovero e Cura a Carattere Scientifico



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**Massimo Serra**, *IRCCS Istituto Ortopedico Rizzoli, Bologna, Italy*

## ORGANISING SECRETARIAT

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## AICC SECRETARIAT

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## **SPEAKERS**

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**Marco Agostini**, *University of Padua, 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*

**Simona Fontana**, *University of Palermo, 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

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### 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**

**Abstract deadline is 1 October 2018.**

### Language

The official language of the Conference is English.

Simultaneous translation will not be provided.

### Slides

Slides must be in English and should be sent to the Organising Secretariat within **26 November 2018**.

Computer video projection will be available in Power Point.

Other requirements should be communicated as soon as possible to:

evelinafiorenza.sciandra@ior.it



## GENERAL INFORMATION

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### Best Poster And Oral Presentation Awards

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

Two "Guido Berlucchi 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 prize (500 euros) for the best poster will be awarded, for researchers under 35, from the Journal of Experimental & Clinical Cancer Research.

One "Guido Berlucchi 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

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**TUESDAY, NOVEMBER 27<sup>th</sup>**

**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**

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### **TUESDAY, NOVEMBER 27<sup>th</sup>**

**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

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WEDNESDAY, NOVEMBER 28<sup>th</sup>

**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**

*Simona Fontana (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

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WEDNESDAY, NOVEMBER 28<sup>th</sup>

### **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 Berlucchi, Journal of Experimental &  
Clinical Cancer Research and AICC**

### **16.30** CLOSING LECTURE

#### **Potentiating exosomes for immunotherapy in cancer**

*Susanne Gabrielsson (Stockholm, Sweden)*

#### **17.15** Closing Remarks

*Under the patronage of*



*Fondazione Guido Berlucci*



ALLEANZA  
CONTRO  
IL CANCRO



**Rendiamo il cancro sempre più curabile.**



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA  
DIPARTIMENTO DI MEDICINA SPECIALISTICA,  
DIAGNOSTICA E SPERIMENTALE

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