



# 6<sup>th</sup> INTERNATIONAL CONFERENCE ON TRANSLATIONAL IMMUNOLOGY

MAY 22 - 25, 2024 | AUDITORIUM RADAR

PROGRAM

# PATRONAGE



Assessorato alla Cultura  
e Pubblica Istruzione



# COMMITTEES

## SIICA EXECUTIVE BOARD

### President

Marco A. Cassatella

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Massimo Locati

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Rita Carsetti

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Alessio Mazzoni

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## SCIENTIFIC COMMITTEE

Daniela Bosisio

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Marco A. Cassatella

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Domenico Mavilio

Alessio Mazzoni

Silvia Piconese

## SIICA JUNIOR FACULTY

Gaia Codolo

Maria Rosaria Galdiero

Alessio Grimaldi

Anna Kabanova

Mattia Laffranchi

Irene Mattiola

Manolo Sambucci

Silvia Tonon

Eleonora Timperi

## LOCAL ORGANIZING COMMITTEE

Domenico Mavilio

Francesco Colucci

## CONGRESS MEDIA MANAGER

Manolo Sambucci

## SCIENTIFIC SECRETARIAT



Società Italiana di Immunologia  
Immunologia Clinica e Allergologia

Rita Repizzi  
+39 333 4398196  
www.siica.it  
siica.amministrazione@siica.it

## ORGANIZING SECRETARIAT



Materia Prima srl  
segreteria@materia1a.it  
www.materia1a.it

# **GENERAL INFORMATION**

## **CONGRESS VENUE**

Auditorium Radar  
Via Magenta, 71/73, 70043 Monopoli BA

[Google maps](#)

## **REGISTRATION DESK**

The Organizing Secretariat desk is located at the main entrance of Auditorium Radar and will be open according to the following schedule:

Wednesday May 22th, 1:30pm - 7:30pm

Thursday May 23th, 8:00am - 6:30pm

Friday May 24th, 8:00am - 7:30pm

Saturday May 25th 8:00am – 1:30pm

## **BADGE**

Each participant will receive a name badge upon check-in at the registration desk. The badge is the official Congress pass and must be worn at all times.

## **CERTIFICATE OF ATTENDANCE**

The certificate of attendance will be sent by e-mail to the participants after the Congress.

## **COFFEE BREAK - EXHIBITION AREA**

Coffee break - Exhibition Area are offered to all regularly registered participants in the Foyer near the Exhibition Area

## **LUNCH**

We remind that lunch is not included. We thank you for your punctuality after your lunch free time.

## **APP**

Please download the app, following the instructions provided via the dedicated email

## REGISTRATION FEES

Registration fees are in Euro (VAT 22% included).

## LATE / ONSITE FEE

From May 9th

SIICA JUNIOR MEMBER (under 35)*	€ 250,00
SIICA JUNIOR MEMBER (under 35)* - Otranto attendees	€ 200,00
SIICA SENIOR MEMBER (over 35)**	€ 350,00
NON SIICA JUNIOR MEMBER (under 35)***	€ 310,00
NON SIICA JUNIOR MEMBER (under 35)*** - Otranto attendees	€ 260,00
NON SIICA SENIOR MEMBER (over 35)	€ 470,00

\* The reduced fee will be applied only to members with regular membership payments. Copy of valid document (ID or passport) to certify the date of birth is mandatory to be delivered at the registration desk.

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Registration is mandatory for participation in the scientific sessions and for oral or poster presenters.

Congress registration fee includes:

- Access to all scientific sessions
- Access to the Exhibition Area
- Congress kit and name badge
- Certificate of attendance
- Abstracts (digital)
- Welcome Reception on Wednesday, May 22nd
- Coffee breaks as indicated in the program

## LANGUAGE

English is the official language of the Congress. No simultaneous translation is foreseen during the scientific sessions.

## **WiFi**

WiFi is available in the Congress Venue.

USER: SIICA CONGRESS 2024

PW: siica2024

## **EXHIBITION AREA**

The Exhibition Area is located near the Plenary Room and will be open according to the scientific sessions.

# **SOCIAL EVENTS**

## **WELCOME RECEPTION**

The welcome reception is scheduled on Wednesday, May 22nd from 7:30pm to 9:30pm in the Auditorium Radar Terrance – first floor

Participation is included in the Congress registration fee.

## **FACULTY DINNER**

The Dinner dedicated to the Faculty is scheduled for Thursday, May 23rd at 7:45pm at “Lido Bianco” Restaurant located in Via Procaccia 4, Monopoli.

Meeting Point: 7:30pm at Church Ss. Pietro e Paolo, Alternatively, you can head directly to Restaurant Lido Bianco for 7:45pm.

## **SOCIAL DINNER**

The Social Dinner is scheduled for Friday, May 24th at 9:00 pm at Chiesa Apostoli SS. Pietro e Paolo located in Piazza Palmieri.

The cost is not included in the registration fees. Tickets can be purchased at the following link (<https://materia1a.it/en/portfolio/monopoli-2024/>) and at registration desk, upon availability. Please take care that the seats are limited!

The price is € 50,00 until May 15th. From this date onwards, the cost will be € 75,00.

The dress code for this evening is informal.

## **SCIENTIFIC INFORMATION**

Auditorium Radar  
Via Magenta, 71/73, 70043 Monopoli BA

[Google maps](#)

### **POSTER SESSIONS**

Posters are displayed in Chiesa Apostoli SS. Pietro e Paolo located in Piazza Palmieri.

The Author is kindly requested to stand close to the poster during the Poster Sessions for possible questions from participants.

The Poster Session is scheduled for Thursday, May 23rd - from 6:10pm to 9:00pm

The abstracts accepted as Oral Presentations and Posters are published on the congress website only (<https://siica.it/6th-international-conference-on-translational-immunology/>).

### **SIICA GENERAL ASSEMBLY**

SIICA General Assembly is scheduled on Friday, May 24th at 5:30pm in the Plenary Room.

Only SIICA Members with regular membership payments can participate in the General Assembly.

### **SIICA 2024 AWARDS**

Three awards will be assigned:

- 1) the SIICA Best Oral Presentation Award, open to all oral presentation selected among the submitted abstracts
- 2) the SIICA Best Poster Award, open to all posters presented in the Poster Session
- 3) the “Ricerca” prize to a young SIICA member returning after maternity leave (application required).

The recipient of these awards and of the 13 Travel Grants will be selected by dedicated commissions. The SIICA 2024 Awards Ceremony will take place on Saturday, May 25th at 12:50pm in the Plenary Room.

# LOGISTIC INFORMATION

## HOW TO GET TO MONOPOLI

### BY PLANE

The nearest airport is the International Airport of Bari-Karol Wojtyla (BRI). It is about 60 kilometres from Monopoli.

Exiting the Arrivals area of Bari Airport, on the left, you can reach the train station. You will need to purchase a ticket to Bari Centrale either on-site or through the following website:

<https://www.ferrovienordbarese.it/>

Once you arrive at Bari Centrale station, you will need to purchase another ticket to Monopoli either on-site or through the following website:

<https://www.trenitalia.com/it.html>

The congress venue is 230 meters from Monopoli station, accessible by foot exiting on the right.

### BY TRAIN

The fastest and easiest way to reach Monopoli by train is via a high-speed Trenitalia or Italo train.

You will need to reach Bari Centrale station and there take the train bound for Monopoli.

The congress venue is 230 meters from Monopoli station, accessible by foot exiting on the right.

The city center is a 15-minute walk from the train station.

### BY CAR

Monopoli is located 45 km southeast of Bari along the SS16.

From the A14 Bologna-Bari highway, take the Bari Nord exit. Take the SS16 towards Brindisi.

From Brindisi to Lecce, take the SS16 towards Bari.

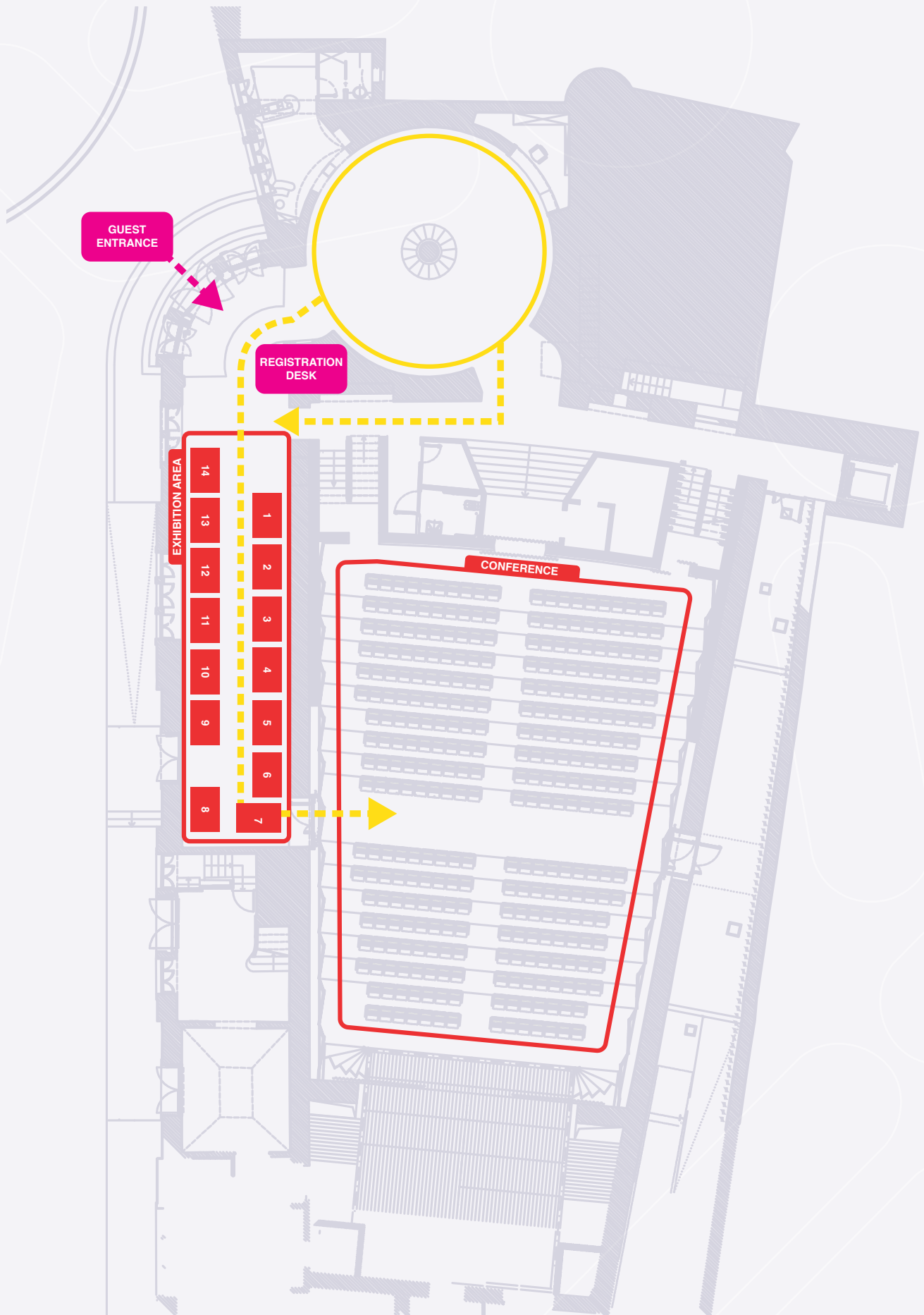
Please note that the city center is a restricted traffic area (ZTL, Zona a Traffico Limitato) with camera access control. We suggest to check with your hotel for instructions on how to reach it with the car.

### PARKING:

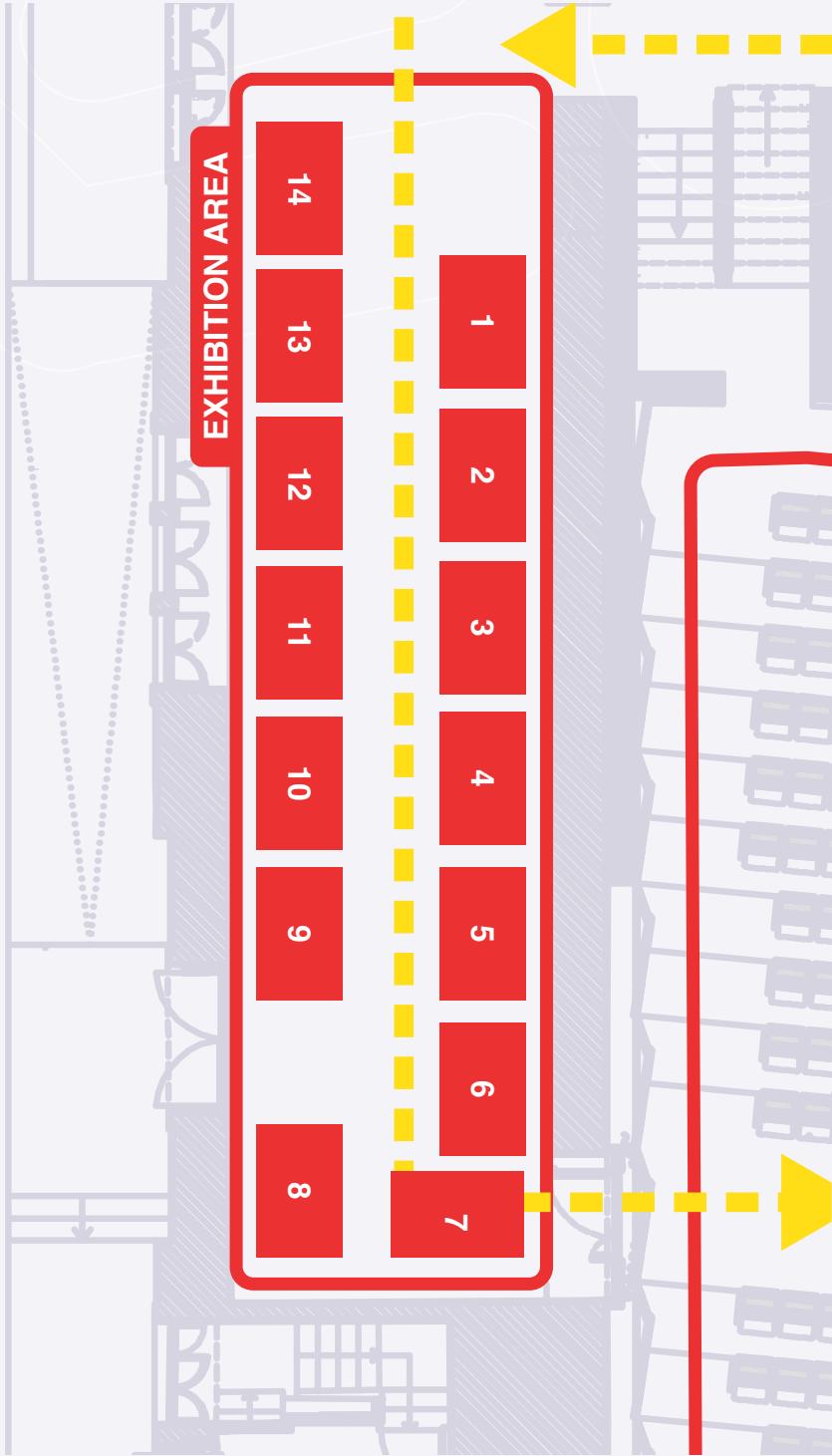
The closest parking lot to the Congress venue is the one at the station in Via Fracanzano (Google Maps). Alternatively, the area adjacent to the Auditorium Radar is residential and has single parking spaces on every street.



# CONGRESS VENUE MAP



# EXHIBITION AREA



# WEDNESDAY, MAY 22 2024

09:00 - 12:00 **Meeting with Monopoli Highschool**  
Alberto Mantovani - *Topic: Oncology and society*  
Rino Rappuoli - *Topic: Vaccines-virus and tumors*

13:30 - 19:30 **Registration**

## 15:00 - 16:30 **SYMPOSIUM ON BIOMEDICAL TECHNOLOGIES** *Sponsored by Beckman*

**Multiparametric Flow cytometry to address unmet clinical needs in onco-haematology**  
*Chair: Roberta Castriconi, Francesco Indiveri*

**Unmet clinical needs in the diagnosis and treatment and pathophysiology of myelodysplastic syndromes.**

*MATTEO DELLA PORTA, Humanitas Research Hospital, Milan, Italy*

**Assessment of immune dysregulation in Myelodysplastic Syndromes: a flow cytometry approach**

*ELENA RIVA, Humanitas Research Hospital, Milan, Italy*

**Translation of novel flow cytometric biomarkers**

*MICHAEL KAPINSKY, Beckman Coulter Life Sciences*

**Computational methodologies that correlate functional alterations with MDS prognosis and response to therapy**

*MATTEO ZAMPINI, Humanitas Research Hospital, Milan, Italy*

16:30 - 17:30 **Opening Ceremony**  
Francesco Colucci  
Domenico Mavilio  
Local Authorities  
Martino Cazzorla (*Dean Polo Liceale di Monopoli*)  
Gianpaolo Schiavo (*Dean Conservatorio Nino Rota*)



### **1<sup>ST</sup> MUSICAL PERFORMANCE**

Overture from: "Il barbiere di Siviglia" - Gioachino Rossini  
(transcription for brass)

18:00 - 19:00

## Opening Keynote Lecture

**Innate Immunity and Inflammation, from Cancer to COVID-19**

*Chair: Marco A. Cassatella*

Alberto Mantovani



### **2<sup>ND</sup> MUSICAL PERFORMANCE**

Opening Concert of the Nino Rota Conservatory

Suite for orchestra "Rotiana" - Nino Rota

*(Orchestration Maestro Vincenzo Anselmi)*

Ettore Papadia, Conductor

19:30 - 21:30

**Welcome Reception in Teatro Radar open terrace**

# THURSDAY, MAY 23 2024

9:00 - 11:50

## Session 1: Cancers and immunotherapies

*Chairs: Paolo Zucali, Angelo Vacca*

9:00 - 9:20

### A distinct human cell type with dual characteristics of DC and ILC3

Chiara Romagnani

9:20 - 9:30

### Oncolytic virotherapy as an “in situ” vaccination strategy for non-small cell lung cancer treatment

Elena Quaglino

9:30 - 9:40

### Single-Cell RNAseq and Trajectory Analysis of CD8+Tissue Resident Memory T Cells Reveal TCR-Dependent Antigen Recognition in Multiple Myeloma and Correlate a Dynamics change with Poor Clinical Outcomes

Mojtaba Shekarkar Azgomi

9:40 - 10:00

### Immunotherapy for hepatocellular carcinoma: Current status and future perspectives

Lorenza Rimassa

## SPONSORED SESSION

*Chair: Alessio Grimaldi*

10:00 - 10:30

### Uncover the Complexities of the Immune System with More Effective Cell Analysis Solutions

*Sponsored by Agilent*

Emma Nora Di Capua, Phd, MBA

10:30 - 11:10

*Coffee Break*

11:10 - 11:20

### Toll-like Receptor 2 targeting improves the response to chemotherapy and immunotherapy in breast cancer

Laura Conti

11:20 - 11:30

### Lipid-Associated Macrophages Are Induced by Cancer-Associated Fibroblasts and Mediate Immune Suppression in Breast Cancer

Eleonora Timperi

11:30 - 11:50 **Neuroendocrins Tumor**  
Mauro Cives

11:50 - 14:40 *Lunch (free time)*

**14:40 - 17:40** Session 2:  
**From coronavirus to cancer:  
vaccines and therapeutic strategies**

*Chairs: Rita Carsetti, Vincenzo Barnaba*

14:40 - 15:00 **Vaccination of immunocompromised patients**  
Ursula Wiedermann

15:00 - 15:10 **Modeling Variations in Antibody Response Longevity  
Among Individuals**  
Antonella Prisco

15:10 - 15:30 **Vaccines of the future and the continuous conquest of  
previously impossible targets**  
Rino Rappuoli

## **SPONSORED SESSION**

*Chairs: Maria Rosaria Galdiero, Mattia Laffranchi*

**15:30 - 15:40** **Breaking the Boundaries of Extracellular Vesicle  
Detection: The CytoFLEX nano Flow Cytometer**  
*Sponsored by Beckman*  
Leonardo Beretta

**15:40 - 15:50** **From cells to tissues: discover our spatial and  
automated solutions**  
*Sponsored by Bio-techne*  
Marta Dossena

**15:50 - 16:00** **Stress-free generation and long-term culture of fun-  
ctional spheroids/ organoids: Clinostar technology**  
*Sponsored by Cytosens*  
Simona Maida

16:00 - 16:40 *Coffee Break*

16:40 - 17:00 **Lessons learned from the human immune  
response against malaria**  
Hedda Wardemann

- 17:00 - 17:10 **Metabolic pathways engaged by antigen-specific T and B cells after SARS-CoV-2 vaccination in multiple sclerosis patients on different immunomodulatory drugs reveal immunosenescence and predict vaccine efficacy**  
Domenico Lo Tartaro
- 17:10 - 17:30 **Novel human vaccines preventing bacterial infections**  
Ennio De Gregorio
- 17:30 - 17:40 **Non-classical HLA-E class I molecule and its potential role in SARS-CoV-2 infection**  
Mahsa Rafieiyan
- 18:10 - 21:00 Poster session at Chiesa SS. Apostoli Pietro e Paolo

## FRIDAY, MAY 24 2024

9:00 - 12:10

### Session 3: Tissue immunology

*Chairs: Silvia Piconese, Matteo Iannacone*

9:00 - 9:20

#### Immune surveillance of the liver

Matteo Iannacone

9:20 - 9:30

#### Understanding the mechanisms of hematologic and immunologic abnormalities by analyzing bone marrow of DADA2 patients

Michela Lupia

9:30 - 9:40

#### Phenotypic and functional analysis of a novel macrophage population expressing a membrane-bound form of IL-18

Chiara Vitale

### SPONSORED SESSION

*Chairs: Eleonora Timperi, Gaia Codolo*

9:40 - 10:10

#### Title

*Sponsored by **Becton Dickinson***

Mark Dessing, BD Biosciences, Allschwil, Switzerland

10:10 - 10:20

#### VisionSort - See your cells in a whole new light

*Sponsored by **Cytosens***

Prabhjoat Singh Chana, Thinkcyte

10:20 - 11:00

*Coffee Break*

11:00 - 11:20

#### Memory CD8 T Cells: Issues of Quantity, Quality, and Location

David Masopust

11:20 - 11:30

#### Unveiling the role of B-cells in intestinal fibrotic process in Crohn's Disease

Marek Wozny

11:30 - 11:40

#### A possible role for Stearoyl-CoA Desaturase-1 in B cell development and maturation

Tiziano Giacomelli



- 11:40 - 12:00 **Neuroimmune Ecosystems**  
Henrique Veiga-Fernandes
- 12:00 - 15:00 *Lunch (free time)*
- 15:00 - 17:30** **Session 4:**  
**Microbiome and pathogens**  
*Chairs: Chiara Romagnani, Alessio Mazzoni*
- 15:00 - 15:20 **NK cell adaptive responses to viral infections**  
Marco Colonna
- 15:20 - 15:30 **An intestinal Th17 subset is associated with inflammation in Crohn's Disease and activated by adherent-invasive Escherichia coli (AIEC)**  
Jens Geginat
- 15:30 - 15:40 **Radiation therapy-dependent oral mucositis: how the oral dysbiosis may predispose to opportunistic fungal infections and oral mucositis**  
Teresa Zelante
- 15:40 - 16:00 **Harnessing NK strategies to reduce persistent HIV after antiretroviral therapy**  
Luis J. Montaner
- 16:00 - 16:40 *Coffee Break*
- 16:40 - 17:00 **Hijacking stromal cell function to modify antiviral immunity**  
Mariapia Degli-Esposti
- 17:00 - 17:10 **Oral microbiota signatures associated with viremia and CD4 recovery in treatment-naïve HIV-1-infected patients**  
Giulia Nannini
- 17:10 - 17:30 **Antibody-based antiviral Immunotherapy**  
Christian Gaebler
- 17:30 - 19:30 **SIICA Annual Assembly**
- 21:00 **Social Dinner at Piazza Palmieri**

# SATURDAY, MAY 25 2024

9:00 - 12:40

Session 5:

## **Autoimmunity and allergies**

*Chairs: Francesco Annunziato, Francesco Liotta*

9:00 - 9:20

**Obesity and Autoimmunity Epidemic: The Role of Immunometabolism in the Control of Immune Tolerance**  
Giuseppe Matarese

9:20 - 9:30

**Unraveling mechanisms underlying IL-10 induced regulatory activity in human dendritic cells: implications for immune modulation**  
Michela Vuono

9:30 - 9:50

**Immunological memory – a roadblock to regeneration of tolerance in autoimmune diseases**  
Andreas Radbruch

## **SPONSORED SESSION**

*Chairs: Daniela Bosisio, Silvia Tonon*

9:50 - 10:00

**A complete workflow for target identification and deep-characterization of the tumor immunity**  
*Sponsored by Miltenyi*  
Adriano Taddeo

10:00 - 10:40

*Coffee Break*

10:40 - 11:00

**Autoantibodies in Thymoma patients showing co-morbidity autoimmune diseases**  
Anna Villa

11:00 - 11:10

**Characterization of Regulatory T cell subsets in Common Variable Immunodeficiency (CVID) subjects**  
Antonietta Liotti

11:10 - 11:30

**Immunity's Double-Edged Sword: Exploring the Intricate Connection Between Autoimmunity and Primary immunodeficiency**  
Antonio Solimando

11:30 - 11:40 **Characterising lupus multi-directional immune dysfunction through antigen-specific T-cell dynamics**  
Giuseppe A. Ramirez

11:40 - 12:40 **Closing Keynote Lecture**  
**Innate Lymphoid Cells and Cancer - What is the Connection?**

*Chair: Massimo Locati*

Michael Caligiuri

12:40 - 13:00 **SIICA 2024 Awards**

13:00 - 13:15 **Closing remarks**

# FACULTY

## MEETING CHAIRS AND LOCAL HOSTS

**Domenico Mavilio** | Humanitas Research Hospital and Università degli Studi di Milano, Milan, Italy  
**Francesco Colucci** | Clinical School University of Cambridge and King's College, Cambridge, UK

### CHAIRS

**Francesco Annunziato**

Università degli Studi di Firenze, Florence, Italy

**Vincenzo Barnaba**

Università La Sapienza, Rome, Italy

**Daniela Bosisio**

Università Di Brescia, Brescia, Italy

**Rita Carsetti**

Bambino Gesù Children Hospital, Rome, Italy

**Roberta Castriconi**

Università di Genova, Genoa, Italy

**Marco A. Cassatella**

Università di Verona, Verona, Italy

**Gaia Codolo**

Università di Padova, Padua, Italy

**Maria Rosaria Galdiero**

Università di Napoli, Naples, Italy

**Alessio Grimaldi**

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**Matteo Iannacone**

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**Mattia Laffranchi**

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**Francesco Liotta**

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**Massimo Locati**

Università degli Studi di Milano, Milan, Italy

**Alessio Mazzoni**

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**Silvia Piconese**

Università La Sapienza, Rome, Italy

**Chiara Romagnani**

Charité Universitätsmedizin Berlin, Germany

**Eleonora Timperi**

Santa Lucia Foundation IRCCS, Rome, Italy

**Silvia Tonon**

Università di Udine, Udine, Italy

**Angelo Vacca**

Università degli Studi di Bari, Bari, Italy

**Paolo Zucali**

Humanitas University, Milan

### SPEAKERS

**Michael Caligiuri**

City of Hope, Duarte, CA, USA

**Mauro Cives**

Università degli Studi di Bari, Bari, Italy

**Marco Colonna**

Washington University, St. Luis, MO, USA

**Ennio De Gregorio**

GSK Vaccines, Siena, Italy

**Mariapia Degli-Esposti**

Monash University, Clayton, Australia

**Christian Gaebler**

Charité, Germany

**Matteo Iannacone**

San Raffaele Hospital, Milan, Italy

**Alberto Mantovani**

Humanitas University, Milan, Italy

**David Masopust**

University of Minneapolis, MN, USA

**Giuseppe Matarese**

Università di Napoli, Naples, Italy

**Luis J. Montaner**

The Wistar Institute, Philadelphia, USA

**Andreas Radbruch**

DRFZ, Berlin, Germany

**Rino Rappuoli**

Fondazione Biotechnopolo di Siena, Siena, Italy

**Lorenza Rimassa**

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**Henrique Veiga-Fernandes**

Fundação Champalimaud, Lisbon, Portugal

**Anna Villa**

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**Hedda Wardemann**

Heidelberg, Germany

**Ursula Wiedermann**

Medical University Vienna, Austria

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