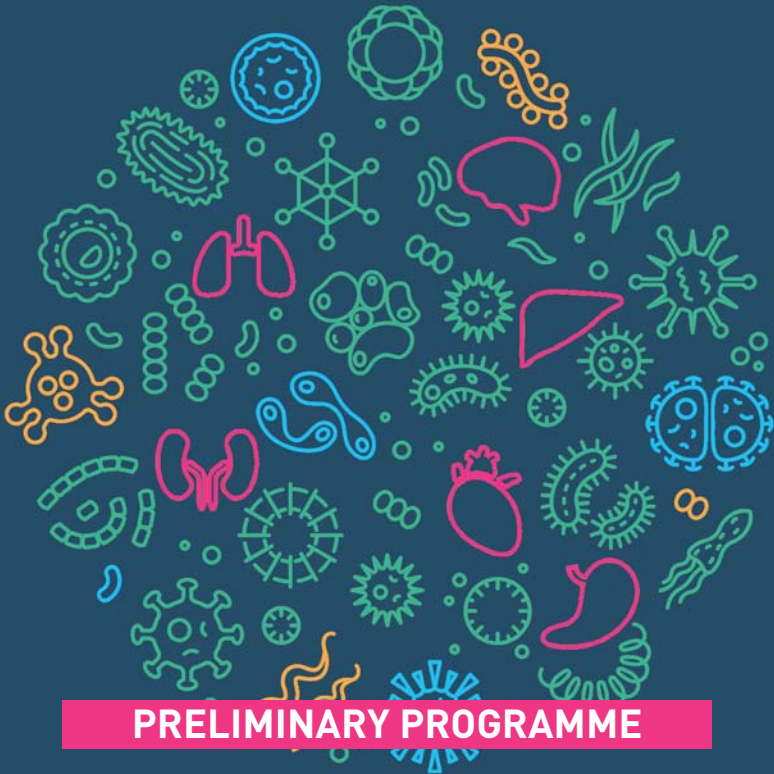




# 2022 MicrobiotaMi

HYBRID EVENT - RESIDENTIAL AND WEBINAR



**PRELIMINARY PROGRAMME**

San Raffaele Hospital, Milan (Italy)

**5-6-7 December 2022**

## Presentation

Interdisciplinarity has to be the evolving key of modern medicine and it is absolutely pivotal in the microbiome field, one of the hottest topic in medical research. A close interplay between basic and translational research is indispensable for a better comprehension of the discrete multifaceted roles play by the resident flora on human health. This approach is evident in the seven sessions of the MicrobiotaMI 2022 congress, gathering main experts from top research centers all over the world featuring both basic research and clinical backgrounds.

After the limitations due to the COVID-19 pandemic, we believe that MicrobiotaMI 2022 is the right occasion to safely meet this approach "in person".

## Patronages requested

- **UNIVERSITÀ DEGLI STUDI DI MILANO BICOCCA**



- **MINISTERO DELLA SALUTE**



- **FEMS - Federation of European Microbiological Societies**
- **Microbiology Society**
- **Ordine Provinciale dei Medici Chirurghi e degli Odontoiatri di Milano**



- **SIMIT - Società Italiana di Malattie Infettive e Tropicali**



## **Faculty**

### **Andrea Alimonti**

Università della Svizzera Italiana, Lugano, Switzerland

### **Gautam Dantas**

Washington University, St. Louis, Missouri, USA

### **G rard Eberl**

Institut Pasteur, Paris, France

### **Eran Elinav**

Weizmann Institute of Science, Rehovot, Israel

### **Wendy Garrett**

Harvard Medical School, Boston, Massachusetts, USA

### **Nelson O. Gekara**

Stockholm University, Stockholm, Sweden

### **Frank Gonzalez**

National Cancer Institute, Bethesda, Maryland, USA

### **Christian Jobin**

University of Florida, Gainesville, Florida, USA

### **Vanessa C. Harris**

Amsterdam University Medical Center, Amsterdam, The Netherlands

### **Jun R. Huh**

Harvard Medical School, Boston, Massachusetts, USA

### **Roy Kishony**

Israel Institute of Technology, Haifa, Israel

### **Nicasio Mancini**

Universit  Vita-Salute San Raffaele, Milan, Italy

### **Sarkis Mazmanian**

California Institute of Technology, Pasadena, California, USA

### **Andrew Patterson**

Penn State University, Pennsylvania, USA

### **Francesco Peri**

Bicocca University, Milan, Italy

### **Daniel Radford-Smith**

University of Oxford, Oxford, UK

### **Maria Rescigno**

Humanitas University, Milan, Italy

## Monday 5<sup>th</sup> December, Afternoon Session

**12:00-13:00** Registration of participants

**13:00-13:15** Welcome address, introduction to MicrobiotaMI 2022  
**Nicasio Mancini** (Milan, Italy), **Francesco Peri** (Milan, Italy),  
**Maria Rescigno** (Milan, Italy)

### **Plenary Session 1 - Microbiota profiling and nutrition**

**13:15-13:45** Bile acids, gut microbiota and inflammatory diseases  
**Andrew Patterson** (Pennsylvania, USA)

**13:45-14:15** Human gut bacteria produce Th17-modulating bile acid metabolites  
**Jun R. Huh** (Boston, Massachusetts, USA)

**14:15-14:30** Discussion

**14:30-15:15** 3 Oral Communications

**15:15-15:30** Poster Flash

**15:30-16:15** *Poster session and Coffee Break*

### **Plenary Session 2 - Microbiota profiling and cancer**

**16:15-16:45** Gut microbiota metabolites and human cancer  
**Frank Gonzalez** (Bethesda, Maryland, USA) (online)

**16:45-17:15** Gut microbiota and colorectal cancer: from target validation to therapeutic discovery  
**Wendy Garrett** (Boston, Massachusetts, USA) (online)

**17:15-17:30** Discussion

**17:30-18:45** 3 Oral Communications

**18:45-19:00** Posters flash

**19:00-19:30** *Poster Session and Welcome cocktail*

## Tuesday 6<sup>th</sup> December, Morning Session

### Plenary Session 3 - Microbiota profiling and response to viral infections

- 09:30-10:00** Commensal gut microbiota priming of antiviral immune response  
**Nelson O. Gekara** (Stockholm, Sweden)
- 10:00-10:30** Microbiome-host interactions in enteric viral vaccines and infections  
**Vanessa C. Harris** (Amsterdam, The Netherlands)
- 10:30-10:45** Discussion
- 10:45-11:30** 3 Oral Communications
- 11:30-11:45** Poster Flash
- 11:45-12:15** Sponsored Symposium

### Plenary Session 4 - Microbiota profiling and systemic effects

- 12:15-12:45** Gut microbiota and weight gain after discontinued smoke exposure  
**Eran Elinav** (Rehovot, Israel)
- 12:45-13:15** Intestinal innate immunity in response to food intake  
**G rard Eberl** (Paris, France) (online)
- 13:15-13:30** Discussion
- 13:30-14:30** **Snack Lunch**
- 14:30-15:15** 3 Oral Communications
- 15:15-15:30** Posters flash

### Plenary Session 5 - Microbiota profiling and behavioural changes

- 15:30-16:00** Microbiota-brain axis and behavior: context or causality?  
**Sarkis Mazmanian** (Pasadena, California, USA) (online)
- 16:00-16:30** Modulation of the maternal microbiota and behavioural effects in the offspring  
**Daniel Radford-Smith** (Oxford, UK)
- 16:30-16:45** Discussion
- 16:45-17:30** 3 Oral Communications
- 17:30-17:45** Posters flash
- 17:45-18:45** Sponsored Symposium

## Wednesday 7<sup>th</sup> December, Morning Session

### Plenary Session 6 - Microbiota profiling and antimicrobial resistance

**09:00-09:30** Antibiotic disruption of the GI tract microbiome and resistome dynamics  
**Gautam Dantas** (St. Louis, Missouri, USA)

**09:30-10:00** Microbiome studies, machine learning and the prevention of antibiotic failure  
**Roy Kishony** (Haifa, Israel)

**10:00-10:15** Discussion

**10:15-11:00** 3 Oral Communications

**11:00-11:15** Posters flash

**11:15-11:45** *Poster session and coffee break*

### Plenary Session 7 - Microbiota profiling and pharmacological interference

**11:45-12:15** Commensal bacteria promote endocrine resistance in prostate cancer through androgen biosynthesis  
**Andrea Alimonti** (Lugano, Switzerland)

**12:15-12:45** Gut microbiota and therapeutic response to checkpoint PD-1 blockade  
**Christian Jobin** (Gainesville, Florida, USA)

**12:45-13:00** Discussion

**13:00-13:45** 3 Oral Communications

**13:45** Poster Prizes and Closing remarks  
**Nicasio Mancini** (Milan, Italy), **Francesco Peri** (Milan, Italy),  
**Maria Rescigno** (Milan, Italy)



## Topics

- Microbiota profiling and nutrition
- Microbiota profiling and response to viral infections
- Microbiota profiling and cancer
- Microbiota profiling and systemic effects
- Microbiota profiling and behavioural changes
- Microbiota profiling and antimicrobial resistance
- Microbiota profiling and pharmacological interference

## **Abstracts**

During the Congress there will be sessions of Oral Communications and Posters with topics related to the Congress.

Abstracts will be reviewed by the Scientific Committee and may be selected for either **oral or poster presentation**.

Authors who wish to present scientific works are requested to send abstracts by **October 20<sup>th</sup>, 2022** using ONLY the online form on **www.microbiotami.com**.

Authors must specify their preferred form of presentation (oral communication or poster) when sending their abstracts. The choice is not binding.

By **October 28<sup>th</sup>, 2022**, the organizing secretariat will send notification of acceptance of the selected works and the presentation mode (oral communication or poster).

### **ORAL COMMUNICATIONS**

The time limit for oral communications is 15 min, including discussion.

### **POSTERS**

Posters dimensions should be 70 cm. (width) x 100 cm. (height).

Mounting materials will be provided in the posting area.

The presence of one of the authors is required for the discussion of the posters.

### **ABSTRACT SUBMISSION GUIDELINES**

- The text, in English, must contain (in the following order):
  - Topic: indication of the preferential topic
  - Title: title of abstract (short, written in UPPERCASE letters)
  - Author(s): Initial of first name followed by surname, initials in uppercase, without academic title; underline name of Author who will present the work.
  - Affiliation: name and location of institution.
- Use the Word programme (Times New Roman, font size 12, single-spaced)
- Maximum length: 1 page.

### **CONTENTS**

The abstract must contain:

- Aim of the study
- Methods used
- Results and conclusions

Any bibliographic citations must be inserted in the text. Summary tables or graphs may be included provided they fit on the page of text.



## SCIENTIFIC COMMITTEE

### **Nicasio Mancini**

IRCCS Ospedale San Raffaele,  
Università Vita-Salute San Raffaele,  
Milan

### **Francesco Peri**

University of Milano-Bicocca,  
Milan

### **Maria Rescigno**

Humanitas University,  
Rozzano, Milan

## RES CONGRESS VENUE

Aula Caravella Santa Maria  
Centro Congressi  
Ospedale San Raffaele  
Via Olgettina 58, Milano

## FAD CONGRESS

Nadirex International Srl  
Via Riviera 39, 27100 Pavia  
[www.nadirex.org](http://www.nadirex.org)

## ORGANIZING SECRETARIAT AND PROVIDER CME NR. 265



### **Nadirex International srl**

Via Riviera, 39 - 27100 Pavia

Tel +39 0382525714

Fax + 39 0382 525736

### **Gloria Molla**

[gloria.molla@nadirex.com](mailto:gloria.molla@nadirex.com)

### **Francesca Granata**

[francesca.granata@nadirex.com](mailto:francesca.granata@nadirex.com)

### **Luana Cattaruzza**

[luana.cattaruzza@nadirex.com](mailto:luana.cattaruzza@nadirex.com)

[www.nadirex.com](http://www.nadirex.com)

[www.microbiotami.com](http://www.microbiotami.com)

## **Informazioni ECM**

*For Italians only*

### **ECM (Educazione Continua in Medicina)**

Evento accreditato presso il Ministero della Salute

Destinatari dell'iniziativa:

- Biologo
- Chimico
- Dietista
- Farmacista (Farmacia Ospedaliera, farmacia Territoriale)
- Medico Chirurgo (tutte le discipline)
- Odontoiatra
- Tecnico Sanitario di Laboratorio Biomedico

### **ECM RES - ID NR. 265-360940 - Nr. 4,5 crediti - Nr. Partecipanti 300**

Per conseguire i crediti ECM relativi all'evento residenziale è obbligatorio:

- Partecipare al 90% delle attività formative
- Compilare correttamente il questionario ECM (l'attribuzione dei crediti è subordinata al superamento del 75% delle risposte corrette)
- Compilare la scheda di qualità percepita evento RES
- Compilare la scheda indagine bisogni formativi
- Firmare il registro presenza all'inizio ed al termine dei lavori
- Aver compilato la dichiarazione di reclutamento da parte di Sponsor (da consegnare all'inizio della giornata)

### **ECM FAD - ID NR 265-360950 - Nr. 22,5 crediti - Nr. Partecipanti 200**

Per conseguire i crediti ECM relativi all'evento FAD è obbligatorio:

- Partecipare al 90% delle attività formative
- Compilare correttamente il questionario ECM (l'attribuzione dei crediti è subordinata al superamento del 75% delle risposte corrette)
- Compilare la scheda di qualità percepita evento FAD
- Compilare la scheda indagine bisogni formativi
- Firmare il registro presenza all'inizio ed al termine dei lavori
- Aver compilato la dichiarazione di reclutamento da parte di Sponsor (da allegare all'atto dell'iscrizione o inviare per mail [info@nadirex.com](mailto:info@nadirex.com))

### **DOTAZIONE HARDWARE E SOFTWARE NECESSARIA ALL'UTENTE PER SVOLGERE L'EVENTO**

Indirizzo mail (per iscriversi), browser web recente ed aggiornato, connessione ad internet, dispositivi per usufruire dei contenuti didattici (pc, smartphone o tablet) dotati di casse (o cuffie) e microfono.

## General informations

### REGISTRATION

Online Registration: [www.microbiotami.com](http://www.microbiotami.com)

Registration Type (22% VAT included)	Registration Fee by October 15 <sup>th</sup> , 2022	Registration Fee after October 15 <sup>th</sup> , 2022
<b>RES CONGRESS NON-MEMBERS OF MICROBIOTAMI ASSOCIATION</b> The fee includes: - registration at congress - registration to Microbiotami Association for 2022*	€ 300,00 (€ 246,00 + 54,00 VAT at 22%)	€ 350,00 (€ 287,00 + 63,00 VAT at 22%)
<b>RES CONGRESS MEMBERS OF MICROBIOTAMI ASSOCIATION</b>	€ 240,00 (€ 197,00 + 43,00 VAT at 22%)	€ 290,00 (€ 238,00 + 52,00 VAT at 22%)
<b>FAD CONGRESS</b>	€ 250,00 (€ 205,00 + 45,00 VAT at 22%)	€ 300,00 (€ 246,00 + 54,00 VAT at 22%)
<b>RES AND FAD CONGRESS</b> Post-graduate student/ Scholarship fellow/Student Research fellow, Under 30	Free	Free

\* to be approved by Microbiotami Association

\*\* Please send your ID document to: [info@nadirex.com](mailto:info@nadirex.com)

### REGISTRATION FEE

The registration fee includes:

- Participation in scientific works
- Congress kit
- Certificate of participation and ECM Certificate
- Coffee breaks and working lunches as per programme
- Welcome Cocktail of Monday 5<sup>th</sup> december 2022
- Post event educational material
- Abstract Book

### METHODS OF PAYMENT

- Bank transfer BIC: BCITITMM  
 IBAN: IT66L0306911310100000069654  
 Nadirex International Srl
- Credit card

## How to reach the venue

Via Olgettina, 60, 20132 Milan

### By public transport

MM2, Cascina Gobba stop, + Bus Atm 925 direction Milano 2 or Metro Automatica signposted "San Raffaele".

### • From Linate airport

Atm 923 bus to the terminus at San Raffaele Hospital

### • From Malpensa airport

Train or Shuttle "Malpensa Express" then MM2, Cascina Gobba stop, + Bus Atm 925 towards Milano 2 (same ticket) or Automatic Metro indication "San Raffaele" (further ticket)

### • From Orio al Serio airport

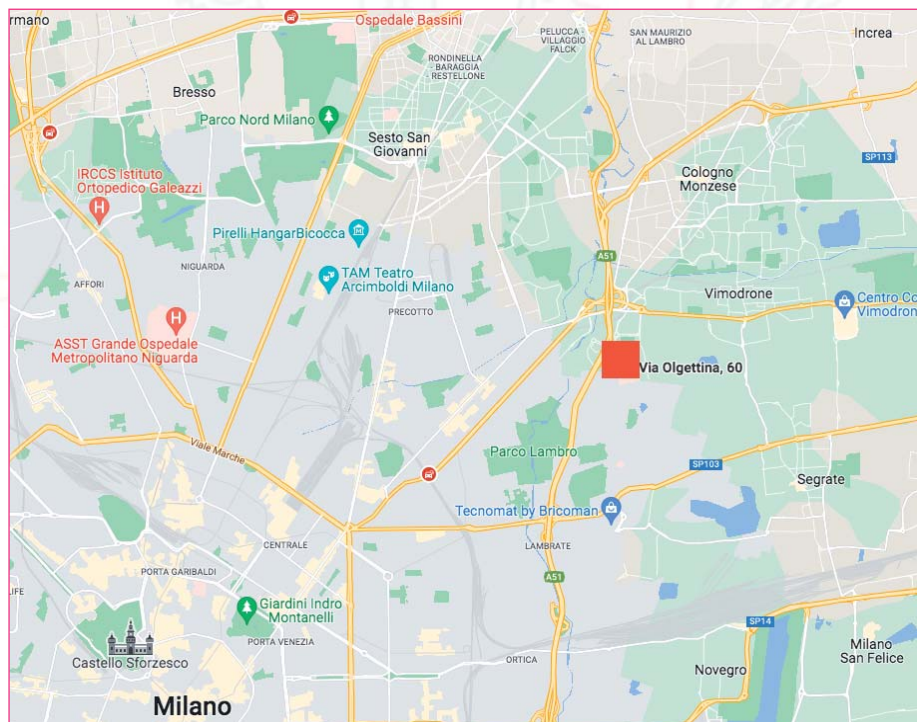
Motorway bus or Shuttle then MM2, Cascina Gobba stop, + Atm 925 bus towards Milano 2 or Automatic Metro signposted "San Raffaele"

### • By car

East ring road:  
- from the north exit Cascina Gobba  
- from the south Segrate exit

### • Parking area

Multi-storey covered parking, entrance from via F.lli Cervi, parking spaces 1877  
DIMER car park, via Olgettina, spaces 147  
DIBIT car park, via Olgettina, spaces 40  
Parking, via Olgettina, before the roundabout with via Vigorelli, places 41



# REGISTRATION FORM

Online registration: [www.microbiotami.com](http://www.microbiotami.com)

## MicrobiotaMi 2022

### Milan, San Raffaele Hospital - 5-6-7 december 2022

Last name ..... First name .....

Place and date of birth .....

Taxpayer code .....

Profession .....

Field .....

Employee  Self-employed  Participant  Unemployed

I request CME credits  I do not request CME credits

Other: **Microbiotami partner**  yes  no **I presented an abstract**  yes  no

#### INVOICE DATA

(MANDATORY):

Name/Company name .....

Address .....

Postal code .....

City ..... Prov./State .....

VAT code .....

Taxpayer code .....

Unique code .....

Institute/Division/Body .....

Address of Institute/Division/Agency .....

Postal code ..... City ..... Prov./State .....

Tel. .... Cell. ....

Fax ..... E-mail .....

#### PAYMENT METHODS

I attach a copy of the bank transfer for € ..... made payable to Nadirex International S.r.l. to the current account at Intesa Sanpaolo Filiale di Pavia Viale Cesare Battisti 18 BIC: BCITITMM IBAN: IT66L0306911310100000069654 *Please specify "MicrobiotaMi 2022" as reason for payment "*

The undersigned declares that he/she:  
 has NOT been registered by a Commercial Sponsor  
 HAS been registered by the following Commercial Sponsor (Azienda Farmaceu(Pharmaceutical Company or medical device manufacturer): .....

*Please remember that the maximum number of educational credits obtainable by means of direct recruiting is one third (1/3) of the educational credits attributable to the 3-year reference period, and that the Provider must specify the sponsor's name in the indicated spaces when the report containing the list of participants in CME courses is compiled and sent to the competent bodies.*

Signature ..... Date .....

Please charge the sum of € ..... to my credit card:  Visa  Master Card  American Express Number .....

CV2 code .....

Expiration date .....

Cardholder (in block letters) .....

*Pursuant to Italian Legislative Decree 196/03, I authorise Nadirex International s.r.l. to process my personal data both in hard copy and in electronic form exclusively for purposes of the services related to the event, including relations with COGEAPS and AGENAS, in relation to CME certification.*

I also agree to receive the invitation to courses organised by Nadirex International s.r.l. yes  no

Signature ..... Date .....

N.B. PERSONAL DATA MUST BE PROVIDED CLEARLY, LEGIBLY, AND COMPLETELY BECAUSE THEY WILL BE TRANSMITTED FOR THE ATTRIBUTION OF CREDITS.  
For further information, please contact: Nadirex International s.r.l.  
Tel. +39 0382/525714 - Fax +39 0382/525736 - e-mail: [info@nadirex.com](mailto:info@nadirex.com) - [www.nadirex.com](http://www.nadirex.com)

VAT Exemption request (Art. 10 section 20 of Italian Presidential Decree 637/72)

REGISTRATION FEES	By 10/15/2022	After 10/15/2022
RES - Not MicrobiotaMi members	€ 300,00 (€ 246,00+54,00 VAT 22%)	€ 350,00 (€ 287,00+63,00 VAT 22%)
RES - MicrobiotaMi members	€ 240,00 (€ 197,00+43,00 VAT 22%)	€ 290,00 (€ 238,00+52,00 VAT 22%)
Digital Congress	€ 250,00 (€ 205,00+45,00 VAT 22%)	€ 300,00 (€ 246,00+54,00 VAT 22%)
RES and FAD Congress Post-graduate student/ Scholarship fellow/Student Research fellow, Under 30	free	free

Seal .....

**Disclosure pursuant to Art. 13 of Italian Legislative Decree 196/2003 (Personal data protection code)** - For purposes of Italian Legislative Decree 196/03, we inform you that the above-requested personal data will be processed in order to compile the documents required to manage the meetings/courses in which you participate, and will be archived, stored, and possibly transmitted to third parties only for the above-specified purpose. For purposes of Art. 7 of Italian Legislative Decree 196/2003, you may exercise your rights at any time by contacting the data controller NADIREX INTERNATIONAL SRL, Via Riviera n. 39 - Pavia, Italy, and requesting the rectification or erasure of such data. I have read the disclosure and hereby consent to the processing of my personal data as specified above.

Date .....

Signature .....

## MicrobiotaMi 2022

Milan, San Raffaele Hospital - 5-6-7 december 2022

Cognome ..... Nome .....

Luogo / Data di nascita .....

Codice Fiscale .....

Professione .....

Disciplina .....

Dipendente  Libero Professionista  Convenzionato  Privo di occupazione

Richiedo crediti ECM  Non richiedo crediti ECM

Altro: Socio Microbiotami  SI  NO **Ho presentato un abstract**  SI  NO

### DATI PER LA FATTURAZIONE

(OBBLIGATORI):

Nome/Ragione Sociale .....

Indirizzo .....

CAP .....

Città ..... Prov. ....

P. IVA .....

C. F. ....

Cod. Univoco .....

Istituto/Divisione/Ente .....

Indirizzo Istituto/Divisione/Ente .....

CAP ..... Città ..... Prov. ....

Tel. .... Cell. ....

Fax ..... E-mail .....

### MODALITÀ DI PAGAMENTO

Vi invio copia del bonifico bancario di € ..... intestato a Nadirex International S.r.l. sul c/c di Intesa Sanpaolo Filiale di Pavia Viale Cesare Battisti 18  
BIC: BCITITMM  
IBAN: IT66L030691131010000069654  
*Si prega di indicare come causale di versamento "MicrobiotaMi 2022"*

Il sottoscritto dichiara di:  NON essere stato iscritto da Sponsor Commerciale  
 ESSERE stato iscritto dal seguente Sponsor Commerciale  
(Azienda Farmaceutica o produttrice di dispositivi medicali): .....

*Si ricorda che il limite massimo di crediti formativi acquisibili mediante reclutamento diretto è di un 1/3 dei crediti formativi ricondotti al triennio di riferimento e che all'atto della compilazione e trasmissione agli enti competenti del report contenente l'elenco dei partecipanti ai corsi ECM il Provider dovrà indicare negli appositi spazi il nome dello sponsor.*

Firma ..... Data .....

Vi prego di voler addebitare l'importo di € ..... sulla mia carta di credito:  Visa

*In base al D. Lgs. 196/03 autorizzo Nadirex International s.r.l. al trattamento dei miei dati personali sia in formato cartaceo sia in formato elettronico, ai soli fini dei servizi relativi all'evento compreso il rapporto con il COGEAPS e AGENAS, in relazione all'accreditamento ECM.*

Acconsento inoltre a ricevere l'invito dei corsi di Nadirex International s.r.l. SI  NO

Firma ..... Data .....

Master Card  American Express

Numero .....

Codice CV2 .....

Data di scadenza .....

N.B. I DATI PERSONALI DEVONO ESSERE RIPORTATI IN MANIERA CHIARA, LEGGIBILE E COMPLETA, IN QUANTO SARANNO TRASMESSI PER L'ATTRIBUZIONE DEI CREDITI.  
Per ulteriori informazioni rivolgersi a: Nadirex International s.r.l.  
Tel. +39 0382/525714 - Fax +39 0382/525736 - e-mail: [info@nadirex.com](mailto:info@nadirex.com) - [www.nadirex.com](http://www.nadirex.com)

Titolare della Carta (in stampatello) .....

Richiesta di Esenzione IVA  
(Art. 10 comma 20 D.P.R. 637/72)

### QUOTE DI ISCRIZIONE AL CONGRESSO

	Entro il 15/10/2022	Dal 15/10/2022
RES - Non soci MicrobiotaMi	€ 300,00 (€ 246,00+54,00 IVA 22%)	€ 350,00 (€ 287,00+63,00 IVA 22%)
RES - Soci MicrobiotaMi	€ 240,00 (€ 197,00+43,00 IVA 22%)	€ 290,00 (€ 238,00+52,00 IVA 22%)
FAD Congress	€ 250,00 (€ 205,00+45,00 IVA 22%)	€ 300,00 (€ 246,00+54,00 IVA 22%)
RES e FAD Congress Specializzandi/Borsisti/ Dottorandi, Under 30	gratuito	gratuito

Timbro .....

**Informativa ex art. 13 D.lgs. 196/2003 (Codice in materia di protezione dei dati personali)** - Ai sensi del Decreto legislativo 196/03 La informiamo che i dati personali sopra richiesti verranno trattati per l'adempimento degli atti relativi alla gestione dei meeting/corsi a cui partecipa e verranno archiviati, custoditi ed eventualmente comunicati a terzi esclusivamente per lo scopo sopra indicato. Ai sensi dell'art. 7 del D.lgs. 196/2003 potrà esercitare i Suoi diritti, in ogni momento, contattando il titolare del trattamento NADIREX INTERNATIONAL SRL, Via Riviera n. 39 - Pavia, chiedendo la rettifica o la cancellazione dei dati stessi. Letta l'informativa acconsento al trattamento dei miei dati personali come sopra indicato.

Data .....

Firma .....



## Notes

A series of horizontal dotted lines for writing notes, overlaid with a faint, colorful background pattern of various microorganisms and cells.

