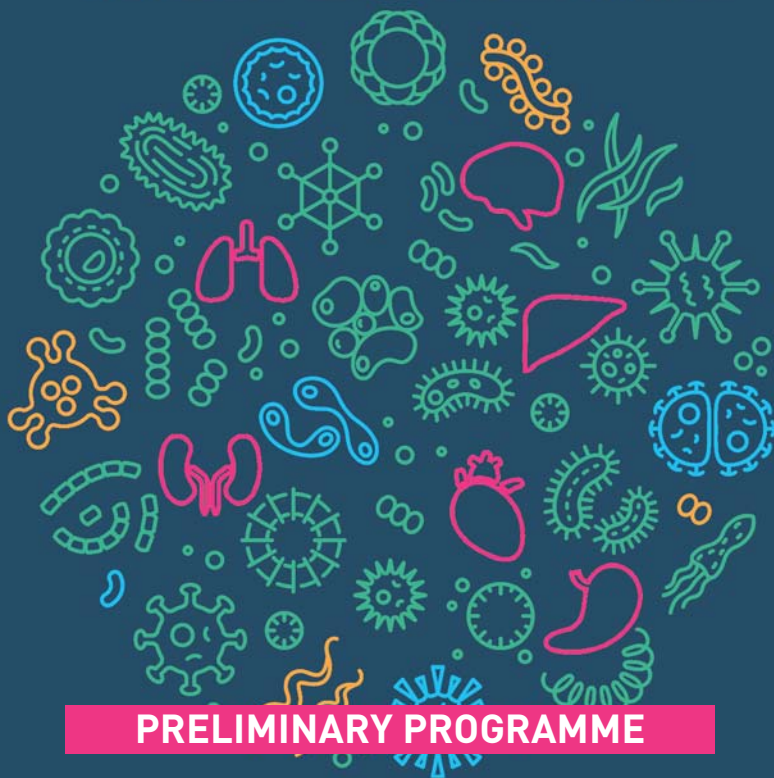




# 2022 MicrobiotaMi

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 response to viral infections

- 16:15-16:45** Commensal gut microbiota priming of antiviral immune response  
**Nelson O. Gekara** (Stockholm, Sweden)
- 16:45-17:15** Microbiome-host interactions in enteric viral vaccines and infections  
**Vanessa C. Harris** (Amsterdam, The Netherlands)
- 17:15-17:30** Discussion
- 17:30-18:45** 3 Oral Communications
- 18:45-19:00** Poster Flash
- 19:00-19:30** Sponsored Symposium
- 19:30** *Welcome cocktail*

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

### Plenary Session 3 - Microbiota profiling and cancer

- 09:30-10:00** Gut microbiota metabolites and human cancer  
**Frank Gonzalez** (Bethesda, Maryland, USA) (online)
- 10:00-10:30** Gut microbiota and colorectal cancer: from target validation to therapeutic discovery  
**Wendy Garrett** (Boston, Massachusetts, USA) (online)
- 10:30-10:45** Discussion
- 10:45-11:30** 3 Oral Communications
- 11:30-11:45** Posters flash
- 11:45-12:15** *Poster Session and Coffee break*

### 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 erard 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 Milan 2 (same ticket) or Automatic Metro indication "San Raffaele" (further ticket)

### • From Orio al Serio airport

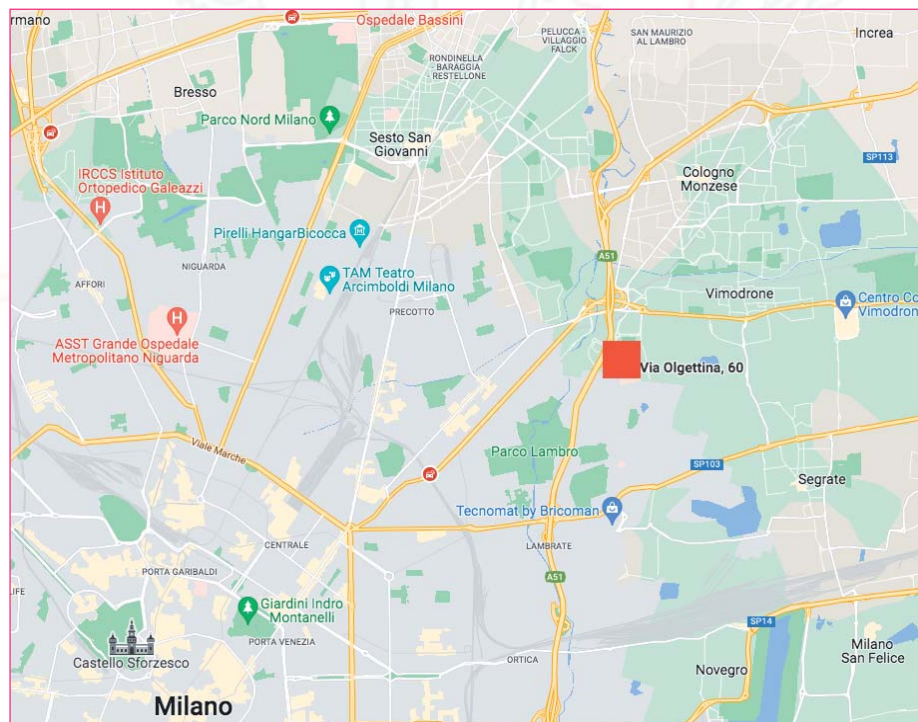
Motorway bus or Shuttle then MM2, Cascina Gobba stop, + Atm 925 bus towards Milan 2 or Automatic Metro signposted "San Raffaele"

### • 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 .....

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I request CME credits I do not request CME credits

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

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Please charge the sum of € .....  
to my credit card:  Visa  
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*Pursuant to Italian Legislative Decree 196/03, I authorise Nadirex International s.r.l. to process my  
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I also agree to receive the invitation to courses organised by Nadirex International s.r.l. yes no

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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.**

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## 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. ....

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Istituto/Divisione/Ente .....

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

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Data di scadenza .....

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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.

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Richiesta di Esenzione IVA

(Art. 10 comma 20 D.P.R. 637/72)

Timbro .....

### 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

**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.

