



**IFBLS 2018**  
Firenze Italy



**2018**  
**22-26 SEPTEMBER** **THE 33<sup>RD</sup> WORLD**  
**PALAZZO DEI** **CONGRESSI** **CONGRESS OF**  
**ITALY** **LABORATORY**  
**FIRENZE** **SCIENCE (IFBLS)**

E-health, Gender Medicine, Personalised  
Medicine and Biomedical Laboratory Science

[www.ifbls2018.org](http://www.ifbls2018.org)

PRELIMINARY PROGRAM



Confederazione ANTEL-ASSIATEL-AITIC  
Associazione Italiana Tecnici Sanitari di Laboratorio Biomedico

# WELCOME

Dear Colleagues,

The 33rd World Congress of the International Federation of Biomedical Laboratory Science, will be held 22nd through 26th September 2018 in Florence, Italy. The Congress is jointly hosted by the International Federation of Biomedical Laboratory Science (IFBLS) and ANTeL Associazione Italiana Tecnici di Laboratorio.

As Presidents of IFBLS2018, we are delighted to invite you in Florence for this exciting and important meeting.

Florence, with its monuments, museums and its traditions, is pleased to welcome our international colleagues from all over the world for this meeting. The theme of the congress will focus upon the future development of Biomedical Laboratory Science.

The Congress venue will be at Palazzo dei Congressi of Firenze which is located near the main railway station in the historical centre of the city. Located in the middle of the country, Florence is easy to reach from the biggest cities of Italy.

The Scientific Committee is working diligently to invite Biomedical Laboratory Scientists who are experts in professional and scientific fields as speakers for the congress.

IFBLS2018 would like to give a different point of view in order to define the most important topics of Biomedical Laboratory Science of this century.

Congress participants will have the opportunity to learn new technologies, the role of biomedical laboratory science in the delivery of 'patient-centred' healthcare, 'personalised medicine', 'gender-medicine' and its impact on Biomedical Laboratory Science.

Students are invited to participate in the congress through activities and sessions provided by the Student Forum.

During the World Congress IFBLS will also be holding its biannual meetings: General Assembly of Delegates, Open Forum, Student Forum and the Chief Delegates meetings. Please join the IFBLS2018 World Congress and experience our hospitality while contributing to your professional development in Biomedical Laboratory Science.

IFBLS2018 Presidents

Alba Marzo



Fernando Capuano



# COMMITTEES

## CONGRESS PRESIDENTS

**Fernando Capuano, Italy**  
**Alba Marzo, Italy**

## CONGRESS ORGANISING COMMITTEE

**Fernando Capuano, Italy**  
**Alba Marzo, Italy**

## INTERNATIONAL SCIENTIFIC COMMITTEE

<i>Chair:</i> Alba Marzo	Italy
Fernando Capuano	Italy
Stefano Dugheri	Italy
Maureen Ellis	Canada
Claudia Finocchi	Italy
Vincent Gallicchio	United States
Kyoko Komatsu	Japan
Fabbio Marcuccilli	Italy
Catherine Otto	United States
Tom Stowe	Canada
Dionysis Vourtsis	Greece
Alan Wainwright	United Kingdom

## LOCAL SCIENTIFIC COMMITTEE

<i>Chair:</i> Alba Marzo	Italy
Lucia Baggiani	Italy
Claudia Finocchi	Italy
Olga Gioia	Italy
Fabbio Marcuccilli	Italy

## INTERNATIONAL BOARD

Marie Nora Roald - IFBLS President	Norway
Tom Stowe - IFBLS Past President	Canada
Anne Berndt - IFBLS President Elect	Sweden
Alan Wainwright - IFBLS Board Member	United Kingdom
Alba Marzo - IFBLS Board Member	Italy
Catherine Otto - IFBLS Board Member	United States
Hironori Katayama - IFBLS Board Member	Japan
Leila Florento - IFBLS Board Member	Philippines
Chuan Liang Kao - Member at Large	Taiwan
Dionysis Vourtsis - Member at Large	Greece
Janna Malseed - Executive Administrator	Canada

## CHAIR AND SPEAKERS

Andresen Susanne DENMARK

Barcellini Lucia ITALY  
Bernardini Sergio ITALY  
Berndt Anne SWEDEN  
Bettarelli Giorgio ITALY

Cabrini Alessia ITALY  
Camaggi Anna ITALY  
Capitanio Arrigo SWEDEN  
Cappelletti Piero ITALY  
Capuano Fernando ITALY  
Cirillo Daniela Maria ITALY  
Como Fabio ITALY  
Conti Matteo ITALY

D'Agostini Matteo ITALY  
Davoli Enrico ITALY  
De Clercq Nicolien THE NETHERLANDS  
Dugheri Stefano ITALY

Ellis Maureen CANADA

Finocchi Claudia ITALY  
Fonseca Kevin CANADA  
Fontanini Gabriella ITALY

Galai Tiziana ITALY  
Gallicchio Vincent USA  
Griffiths Matthew ENGLAND  
Gunsolus Brandy USA  
Guzzetti Stefano ITALY

Hwajeong Ha KOREA

Jürs Martina DENMARK

Komatsu Kyoko JAPAN

Lippi Giuseppe ITALY

Marcuccilli Fabbio ITALY  
Marzo Alba ITALY  
Masoni Marco ITALY  
Maule Warren SOUTH AFRICA  
May Sarah ENGLAND  
Mendes Fernando PORTUGAL  
Morandini Margherita ITALY

Nielsen Christine CANADA

Okanya Patrick KENYA  
Otto Catherine USA

Panning Rick USA  
Perno Carlo Federico ITALY  
Pezzati Paola ITALY  
Pillon Sergio ITALY  
Purwati Armand INDONESIA  
Rao Mahendra S. USA

Sanguinetti Maurizio ITALY  
Santarcangeli Davide ITALY  
Shirwan Haval USA  
Simonazzi Stefano ITALY  
Stankovic Ana USA  
Stowe Tom CANADA

Tallini Giovanni ITALY  
Troncone Giancarlo ITALY

Večerić-Haler Željka SLOVENIA  
Vidali Matteo ITALY  
Viji Vijayan SINGAPORE  
Vourtsis Dionysis GREECE

Wainwright Alan UK

## KEYNOTE LECTURES

Pazzagli Mario ITALY  
Plebani Mario ITALY  
Rossolini Gian Maria ITALY



# ABSTRACT

**Congress delegates are invited to submit abstracts of their scientific work for presentation as a free communication at IFBLS 2018 through the web site: [www.ifbbs2018.org](http://www.ifbbs2018.org).**

**Abstracts of scientific contributions will be selected for Oral Communication or Poster for display.**

## ABSTRACT TOPICS

- |                                      |  |
|--------------------------------------|--|
| 1. Biosafety                         | 13. BLS round the world                              |
| 2. Pre-analytical phase              | 14. Telepathology                                    |
| 3. Stem cells and transplantation    | 15. Molecular Pathology                              |
| 4. Pediatrics                        | 16. Improving Laboratory Test Utilization            |
| 5. Human Microbiome                  | 17. Territorial Medicine                             |
| 6. Code of Ethics                    | 18. Learning Outcomes and Competent Practice         |
| 7. ICT                               | 19. Harmonization, accreditation and standardization |
| 8. Cytology                          | 20. Laboratory testing in emergency                  |
| 9. Adding value to CPD               | 21. Mass spectrometry in clinical laboratory         |
| 10. Advances in virology             | 22. Other  |
| 11. Use of technologies in education | 23. Diagnostic network in coronaric diseases         |
| 12. Mycobacteria                     |  |

## GENERAL REQUIREMENTS

The text must be clear, concise, and written in proper English. The content must not have been previously published in academic journals or subject to peer review. Significant technical information must not be withheld. Abstracts must absolutely contain results. Statements such as "results will be discussed" are not acceptable and will lead to rejection.

The body of the abstract must not exceed 2300 characters, spaces included.

## STRUCTURE OF THE ABSTRACT

Abstracts can be structured and may include:

### - BACKGROUND

a brief introduction stating the purpose of the investigation and its relevance to laboratory medicine;

### - METHODS

a description of the methodology used;

### - RESULTS

to be supported by statistical or other evidence to show their validity;

## GENERAL INFORMATION

Submission deadline: **January 29 2018**.

Confirmation of receipt: Receipt of the abstract will be acknowledged by e-mail immediately after submission.

Registration: The presenting author of each abstract must register for the congress.

## IMPORTANT NOTICE

Abstract authors are asked to indicate the most suitable topic for presentation of their work and will also be asked whether they wish apply for an oral communication during the scientific session.



# SCIENTIFIC PROGRAMME

SATURDAY 22 SEPTEMBER

ROOM	AUDITORIUM	VERDE	ONICE	ROOM 9
9.00-15.00		Open Forum		
13.00-15.00	Walking City tours			
15.00-20.00	Opening registration desk			
16.30-18.30	Opening Ceremony Welcome Addresses Flags Ceremony Opening Lecture			
18.30 - 20.30	Ribbon-cutting ceremony			

SUNDAY 23 SEPTEMBER

ROOM	AUDITORIUM	VERDE	ONICE	ROOM 9
9.00-10.30	Plenary Lectures			
10.30-11.15	Break time			
11.15-12.45	STRENGTHENING GLOBAL BIOSAFETY Editor: M.Ellis V. Viji - P. Okanya	MICROBIOME Editor: F. Marcuccilli N. De Clercq - M. Sanguinetti	QUALITY IN LABORATORY MEDICINE: TOOLS AND SUPPORTS Editor: D. Santarcangeli P. Pezzati - M. Vidali	OPEN EDUCATIONAL RESOURCES AND SIMULATION: A STEP TOWARDS STANDARDIZATION OF BIOMEDICAL LABORATORY SCIENCE CURRICULUM? Editor: A.Marzo C. Nielsen - M. Masoni
12.45-14.30	Poster session & lunch time			
14.30-16.00	MYCOBACTERIA AND MYCOBACTERIAL DISEASES Editor: A. Camaggi D.M. Cirillo - L. Barcellini	STEM CELLS 1: ADVANCES IN ENGINEERING AND TRANSLATIONAL USE Editor: V. Gallicchio M.S. Rao - Z. Veceric- Haler	LABS BEYOND WALLS Editor: C. Finocchi S. Andresen	
16.00-16.30	Break time			
16.30-18.00	VIROLOGY Editor: T. Stowe K. Fonseca - Perno	STEM CELLS 2: ADVANCES IN ENGINEERING AND TRANSLATIONAL USE Editor: V. Gallicchio H. Shirwan - A. Purwati	THE GROWING SIGNIFICANCE OF CPD Editor: A. Wainwright M. Jurs - S. May - W. Maule	Student forum

## MONDAY 24 SEPTEMBER

ROOM	AUDITORIUM	VERDE	ONICE	ROOM 9
9.00-10.30	Plenary Lectures			
10.30-11.15	Break time			
11.15-12.45	Sponsored Workshop	Sponsored Workshop	Sponsored Workshop	Chief Delegate Meeting
12.45-14.30	Poster session & lunch time			
14.30-16.00	INNOVATIONS TO IMPROVE LABORATORY TEST UTILIZATION Editor: C. Otto B. Gunsolus - R. Panning	INTERNATIONAL EXCHANGE OF CYTODIAGNOSTIC SKILLS Editor: K. Komatsu F. Mendes - H. Hwajeong	TELEPATHOLOGY Editor: S. Simonazzi A. Capitanio - S. Guzzetti	PAEDIATRICS AND BIOMEDICAL LABORATORY SCIENCE Editor: C. Finocchi M. Griffiths - M. D'Agostini
16.00-16.30	Break time			
16.30-18.00	PRE-ANALITICAL PHASE Editor: D. Vourtis G. Lippi - A. Stankovic	THE HARMONIZED ROLES OF BIOMEDICAL LABORATORY SCIENTISTS AND PATHOLOGISTS IN MODERN PREDICTIVE MEDICINE Editor: G. Troncone G. Fontanini - G. Tallini		Student forum

# SCIENTIFIC PROGRAMME

TUESDAY 25 SEPTEMBER

ROOM	AUDITORIUM	VERDE	ONICE	ROOM 9
9.00-10.30	Plenary Lectures			
10.30-11.15	Break time			
11.15-12.45	Sponsored Workshop	Sponsored Workshop	Sponsored Workshop	Sponsored Workshop
12.45-14.30	Poster session & lunch time			
14.30-16.00	DIGITAL MEDICINE AND BIOMEDICAL LABORATORY SCIENCE Editor: F. Capuano S. Pillon	HYPHENATED TECHNIQUES AND THEIR APPLICATIONS Editor: S. Drugheri E. Davoli - M. Conti	TRAINING OUTCOMES Editor: G. Bettarelli T. Galai - A. Wainwright	A DIAGNOSTIC NETWORK FOR BETTER APPROACH TO ACS Editor: F. Como P. Cappelletti - M. Morandini
16.00-16.30	Break time			
16.30-18.00	LABORATORY EMERGENCY AND POCT Editor: F. Marcuccilli S. Bernardini - S. Andresen	CODE OF ETHICS Editor: A. Cabrini A. Berndt	BLS ROUND THE WORLD Editor: A. Marzo	Student forum
Starting from 20.00	Social dinner			

WEDNESDAY 26 SEPTEMBER

ROOM	AUDITORIUM	VERDE	ONICE	ROOM 9
9.00-11.00		Gad		
11.00-11.30	Break time			
11.30-12.30		Closing ceremony and Oral Communication Award Ceremony		
14.00-16.00	Lab Tour			



# REGISTRATION

## BEFORE 30 MAY 2018

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IFBLS Member	€ 549
ANTeL Member	€ 244
Non-Member	€ 732
Student IFBLS Member	€ 183
Low and middle income Countries	€ 244
Low and middle income Countries Student IFBLS Member	€ 122

## AFTER 30 MAY 2018

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IFBLS Member	€ 671
ANTeL Member	€ 366
Non-Member	€ 854
Student IFBLS Member	€ 280.60
Low and middle income Countries	€ 341.60
Low and middle income Countries Student IFBLS Member	€ 219.60

VAT 22% included

## REGISTRATION FEE INCLUDES:

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Admission to full scientific program  
Congress Kit  
Certificate of Attendance

**Accompanying person** € 100 vat included

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Fee includes:  
Name badge  
Opening and closing ceremony  
Admission to the exhibition area

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**Social Dinner** September 25 (location to be defined) € 100 vat included

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Extra Social Program Fee (per person):

**City Tours** September 22

**Laboratory Tour** September 26

to be defined  
to be defined

## REGISTRATION

### REMITTANCE

Registration fees shall be paid by credit card or bank transfer through the on-line system available.

When paying by bank transfer, a copy of the transfer receipt must be sent at [registration@ifbbs2018.org](mailto:registration@ifbbs2018.org).

Registrations without proof of payment will not be accepted.

The organising secretariat will send registration receipt upon receipt of payment, by e-mail.

Please be sure your e-mail address is filled in correctly.

### PERSONAL INVITATION FOR VISA PURPOSES

To facilitate congress attendance a personal invitation can be sent on request. This invitation does not exempt the recipient from registering and paying the proper congress fee. Please inform the congress secretariat if you need a personal invitation letter.

### CURRENCY

Registration fees and charges for all events related to the IFBBS 2018 Congress as well as hotel cost must be paid in euros.

### CANCELLATION AND REFUND

Cancellations must be sent to [registrations@ifbbs2018.org](mailto:registrations@ifbbs2018.org).

The amount equal to 50% of the fee paid will be refunded for cancellations received by 30 June 2018.

After 30 June 2018 no refunds will be issued.

All refunds will be paid in euros after the congress.

### CANCELLATION OF THE CONGRESS

The congress secretariat reserves the right to cancel the congress, shift venue, or change dates without notice, in case of "force majeure". Neither MZ Congressi nor the Congress Organising Committee shall be liable for any damage claims.

### LIABILITY AND INSURANCE

Registration fees do not include the insurance of participants against personal accidents, sickness and cancellations by any party, theft, loss or damage to personal possessions. Participants are advised to take out adequate personal insurance to cover travel, accommodation, cancellation and personal effects.

## GENERAL INFORMATION

### CONFERENCE VENUE

Congress and Exhibition Center  
Piazza Adua, 1 - FIRENZE  
[www.firenzefiera.it](http://www.firenzefiera.it)

Located in the heart of Florence, this is a unique conference and exhibition area.

It is only a few steps away from the Santa Maria Novella Railway Station and only 5 km from the Amerigo Vespucci Airport.

Firenze Fiera offers two venues which can satisfy any need: Palazzo dei Congressi and Palazzo degli Affari.

### PALAZZO DEI CONGRESSI

Located in the 19th century Villa Vittoria, Palazzo dei Congressi boasts a prestigious auditorium which can host up to 1,000 people, with 920 square meters available for exhibitions, as well as various halls with a capacity from 50 to 200 seats, located on the 4 floors of the villa.

Surrounded by a centuries-old park, Palazzo dei Congressi and the Limonaia (Lemon House) nearby are located in front of Palazzo degli Affari.

### ABOUT FIRENZE

In the basin crossed by the Arno River, stands the magnificent City of Florence, one of the most beautiful cities in Europe, filled with historical relics and artistic masterpieces by the greatest masters of Humanism and the Renaissance. Because of its monuments, churches and palaces, Florence historical center has an outstanding universal value and was classified as a World Heritage Site by UNESCO.

More Firenze's info:

Florence Tourist Guides:

<http://www.conventionbureau.it/index/en.shtml>

Leisure and Culture:

<http://www.firenzemusei.it/>

Interactive Map:

<http://www.italyguides.it/en/tuscany/florence/interactive-map-offlorence#!/catid=34>

### CONFERENCE LANGUAGE

The official language of the Symposium is English. Simultaneous translation will not be provided.

### HOW TO REACH FLORENCE

#### ARRIVING BY PLANE

The international airport 'Amerigo Vespucci', is located in the north-west suburban area of Florence. There are many airlines arriving there and connecting the city to some of the most important European airports. The airport is only 4 km from the city center, which can be easily reached by taxi or with the bus shuttle service (around 15/20 minutes), connecting the airport to the main central railway station of Santa Maria Novella.

At the airport you can also find the main car rental agencies.  
[www.aeroporto.firenze.it](http://www.aeroporto.firenze.it)

The international airport of Pisa is located 80 Km from the city center of Florence and is connected to the Tuscan capital by train (every hour) and Terravision bus (full flight coverage with 18 return journeys).

For information about timetables and fares visit [www.terravision.eu](http://www.terravision.eu) [www.pisa-airport.com](http://www.pisa-airport.com)

#### ARRIVING BY TRAIN

The main central railway station of Santa Maria Novella (one of the most important railway junctions as well as an interchange point of the Florence public transportation) is located just a few steps (2 minutes on foot) from the main entrance of the conference-exhibition area and from the main reception of Firenze Fiera, located on the Palazzo degli Affari ground floor. Distances between Firenze Santa Maria Novella Station and three major Italian cities: 35 minutes from Bologna; 1 hour and 20 minutes from Rome and 1 hour and 50 minutes from Milan.

#### ARRIVING BY CAR

Florence is well connected to the main Italian cities through an efficient motorway network, which allows an easy access to the city center, where the conference and exhibition complex is located.

### HOTELS

Florence also means more than 1000 hotel rooms located within walking distance from the conference venue and spread in 3, 4 and 5 star hotels.

Accommodation fares are guaranteed and will result equal or less expensive than Booking.com

To get the best rates during the conference, please visit the Congress Web Site: [www.ifbls2018.org](http://www.ifbls2018.org)

ORGANIZING SECRETARIAT



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