

# IFCC General Conference 2018

## Laboratory medicine: Preparing for the 2020's

10th – 11th November 2018  
Hotel Novotel Budapest City, Hungary

Advancing excellence in laboratory medicine for better healthcare worldwide

**IFCC**  
INTERNATIONAL FEDERATION  
OF CLINICAL CHEMISTRY  
AND LABORATORY MEDICINE  
IFCC GENERAL CONFERENCE  
BUDAPEST NOVEMBER 9-11, 2018

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International Federation  
of Clinical Chemistry  
and Laboratory Medicine



SERGIO BERNARDINI

## Emerging Technologies Division

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- **June 9<sup>th</sup>, 2017; Athens**

EB approved a new IFCC Functional Unit: "Emerging Technology Division"

- **October 20<sup>th</sup>, 2017; Durban**

EB approved following nominations for the EC: Ronda Graves, Damien Gruson, Paolo Fortina;  
Corporate Members: Peng Yin (Abbott), Markus Roessler (Roche)  
Consultants: Maurizio Ferrari, Larry Kricka, Jason Park

- **March 11<sup>o</sup>, 2018; Rome**

First meeting ETD-EC



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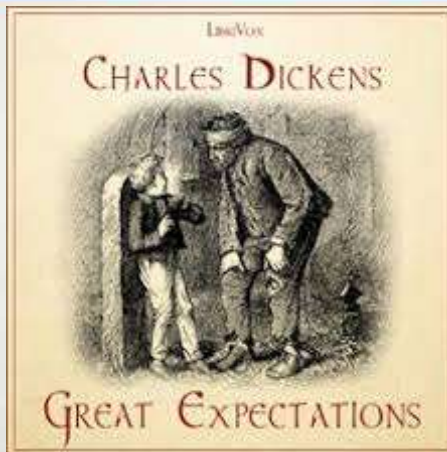
Just ten months old... «emerging»



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Few results to date, but.....



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## Why ETD?




- «The ETD is an IFCC functional unit responsible for identifying and assessing emerging technologies and for translating the emerging and disruptive diagnostic and data analysis procedures from academic laboratories to clinical laboratories and from clinical laboratories to market».




## ETD Responsibilities?



- Defining for each ET the clinical needs and criteria of education of specialists in Laboratory Medicine and caregivers;
- Defining for ET the appropriate infrastructure and laboratory organization;
- Defining for each ET pre-analytical, analytical and post-analytical processes necessary for clinical laboratory applications;
- Defining for each ET quality programs and certifications required to meet criteria for accreditation up to ISO151811 standard;
- Assess the clinical value of each test with regard to addressing unmet clinical need.



## How to proceed?




Step by Step

NO overlaps with EFLM activities, but synergies!

ETD


Sharing ideas with IFCC-SD

NO a "VIP Scientists Division"!  
ETD would like looking at ET Worldwide




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## Committee Emerging Technologies in Pediatrics



2019

Chair: Tim Lang (UK)

- **WG Neonatal Laboratory Medicine**  
Chair: Vijay Grey US)
- **WG Pediatric Metabolomics**  
Chair: Martin Hersberger (CH)



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## Committee Emerging Technologies in Pediatrics

2020

### •WG-MAST

## Micro and alternative sampling techniques in Pediatric Laboratory Medicine

Chair: Krystyna Sztefko (PL)



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## Commettee Mobile Health and Bioengineering Laboratory Medicine

2019

Chair Bernard Gouget (FR)

### WG Open Innovation

Chair: Damiern Gruson (BE)



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## Commettee Mobile Health and Bioengineering Laboratory Medicine

2020

### WG Harmonization and Guidance for m-Health solutions, sensors and data transfer

Chair: tbd



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## Committee Omics Translation

2019

Chair Paolo Fortina (US)

- **WG Volatomics**

Chair: Larry Kricka (US)

- **WG Guidance for the implementation of custom made genomic panel**

Chair: Jennifer Morrisette (US)



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## Committee Omics Translation

2020

- **WG Pre-analytical micro-vesicle standardization**

Chair: tbd

- **WG translation of single gene genomics**

Chair: Eric Londin (US)



## ETD Symposia

2018

- ✓ AFCB Ramallah, Palestine-April 2018
- ✓ STBC Tunis, Tunisia-May 2018
- ✓ ESC e-Cardiology Conference, Moscow, Russia-October 2018



## ETD Symposia

2019

- ❖ 15° Symposium for Balkan Region, April 18, Belgrade
- ❖ *SIBioC International round table*  
*«The Inter-Sciences LabMed Vision»*  
*Ferrari Auditorium May 6, Modena*

- ❖ APFCB Japur, November 2019



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## Papers

2019

“25 Questions for 2025”



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Thanks!  
&  
Welcome in ETD!