



IFCC GENERAL CONFERENCE
BUDAPEST NOVEMBER 9-11, 2018

IFCC General Conference 2018

Committee – Emerging Technologies in Pediatric Laboratory Medicine

Dr Tim Lang

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



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Dr Michael Metz (1955 – 2018)

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- IFCC TF-PLM Member since 2009
- TF-PLM Chair 2015-2017
- Dual Fellow of the American Academy of Pediatrics and the Royal College of Pathologists of Australasia.
- He practised chemical pathology in Adelaide at the WCH site of SA Pathology and at Clinpath Laboratories where he was director of clinical chemistry.





TF-PLM Highlights 2016-2018

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Successful XIVth ICPLM in Durban SA

Update of Reference Intervals

Update on Critical Values

Update of Educational Activities

- The main education activity was as expected the ICPLM.
- A large proportion of the lectures recorded for the IFCC e-Academy
- Three members recorded interviews for the El-Microscopio audio website
- TFPLM gave auspices to the EuroMedLab 2017 Satellite meeting on Inborn Errors of Metabolism and was organised by two of the TF members (MH and IP).
- Collected and collated several curriculums covering the pre and post registration/graduate training of laboratory and clinical staff in the area of paediatric biochemistry and inborn errors of metabolism.
- Commented on recently published curriculum in the UK and that of the EFLM & IFCC

Publications

- Paediatric Laboratory Medicine – Some reflections on the sub-specialty. Grey VJ et al (2017) Clin Biochem 50 (12), 648-650.



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XIVth ICPLM Durban, South Africa

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- There were 120 registered participants
- The four Plenary Lectures and nine Symposia were delivered by 30 speakers
- 25% of delegates from sub Saharan Africa.
- Congress offered a large number of travel scholarships funded by sponsorship from the Society for the Study of Inborn Errors of Metabolism
 - In total 22 scholarships were awarded to delegates with 50% going to delegates from Africa and 50% the rest of the world.
- Of 52 accepted abstracts, seven were offered oral presentation
- 1 Platinum level, 6 Gold, 6 Silver, 2 Bronze Sponsors
- Several presentations recorded for eAcademy



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XVth ICPLM Seoul, South Korea

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- Dates Friday 22nd May to Sunday 24th May
- Prior to IFCC WorldLab
- Draft programme to be released soon



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Transformation of TF-PLM into C-ETPLM

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- In Durban 2017 change from TF to a Committee decided by the EB to simplify the structure of the IFCC functional Units and provide better leadership and supervision
 - This action involved all the TFs except YS and Ethics
- The TF-PLM included in newly created division
 - Emerging Technologies Division
 - Pediatric Laboratory Medicine has traditionally been a discipline where advanced technologies are embraced for the benefit of the patient e.g. LC/MS, Metabolomics
- New Committee will continue previous Projects including those started during the transition period and in particular the organisation of the ICPLM



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Committee Members

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T. Lang	Chair	UK	1st	2018 07 - 2020 12
T.P. Loh	Member	SG	2nd	2018 01 - 2020 12
I. Papassotiriou	Member	GR	2nd	2018 01 - 2020 12
M. Turzyniecka	Member	ZA	2nd	2018 01 - 2020 12
J. Zierk	Member	DE	1 st	2018 11 - 2021 12
C. M. Mak	Member	HK	1 st	2018 11 - 2021 12
K Kohse	Advisor	DE		
S. Geaghan	Consultant	US		
R. Greaves	ETD EC Liaison	AUS		2018 01- 2020 12



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Terms of Reference C-ETPLM

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1. To identify, prioritise and coordinate projects to support the emerging science in Pediatric Laboratory Medicine across the total testing process.
2. To review the current concepts in Pediatric Laboratory Medicine and advance laboratory practice through the development and dissemination of position papers and guidelines.
3. Develop existing links and established new links with clinical and scientific societies working in other specialist organizations including neonatology, pediatrics, inherited metabolic diseases and other rare diseases.
4. To lead education activities, including the tri-annual congress of Pediatric Laboratory Medicine (ICPLM)
5. To coordinate a worldwide network of scientists working in laboratories specialized in Emerging Pediatric Laboratory Medicine (C-ETPLM).
6. Work to support emerging economies in Pediatric Laboratory Medicine.



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2018 Objectives

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- Establish committee with Ronda Greaves as ETD liaison
- Establish working groups and identify chairs
- Development plan
 - Oversight of the Projects (working groups)
 - Coordinate the rare diseases laboratory network.
- Identify financial needs
 - One face to face meeting per annum for committee members and teleconference support (tbc).
 - Other financial needs are highlighted within each Projects
- Update website

Output :

1. International Congress of Pediatric Laboratory Medicine once every three years.
2. Position papers and guidelines as per project groups, webinars, eAcademy presentations.
3. Common reference and decision limits
4. Registry of specialized pediatric laboratories and emerging technologies in pediatrics.



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Working Groups 2019

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2019 – (ToR and Objectives by 15/12/18)

- Project (WG) Pediatric Metabolomics
 - Chair: TBC
- Project (WG) Neonatal Medicine
 - Chair: TBC

Committee Members and Corresponding Members to identify areas of need, reflecting the experience/expertise of the membership in order to achieve successful projects that provide the opportunity to develop links with other specialist interest groups and professional bodies and address the need of the patient.



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