Meeting of the EMD Executive Committee
IFCC Offices Milan, ITALY
Via Carlo Farini, 81 (6th floor) - 20159 Milano - ITALY

Friday, October 18th 2019: 9:00-17:00 – Meeting Room Montalbetti (7th floor)
Saturday, October 19th 2019: 9:00-12:00 – Meeting Room Montalbetti

Participants, EMD-EC:

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<td>Leslie Lai (LL)</td>
<td>Chair</td>
<td>MY</td>
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<td>2018 01 - 2020 12</td>
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<tr>
<td>Nader Rifai (NR)</td>
<td>Member &amp;VLP Chair</td>
<td>US</td>
<td>1st</td>
<td>2018 01 - 2020 12</td>
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<td>Vanessa Steenkamp (VS)</td>
<td>Member</td>
<td>ZA</td>
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<td>Ana Leticia Maselli (ALM)</td>
<td>Member</td>
<td>GT</td>
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<td>André Ziegler (AZ)</td>
<td>Corp Rep &amp; Secretary</td>
<td>CH</td>
<td>1st</td>
<td>2018 01 - 2020 12</td>
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<tr>
<td>Silvia Cardinale (SC)</td>
<td>IFCC Office</td>
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Content:

1. Welcome and introductions ................................................................. 2
2. Notification of other business and finalisation of the agenda ..................... 2
3. Review of Minutes of EMD-EC meeting - Barcelona, May 2019 ................... 2
   3.1. IFCC EMD-EC Minutes 2019-05 (Barcelona) ..................................... 2
4. Report from Executive Board .................................................................. 2
   4.1. Summary minutes - EB Barcelona ..................................................... 2
5. Review of Committees and Working Groups ............................................. 3
   5.1. 2019 May Report – EMD ............................................................... 3
   5.2. 2019 VLP Projects (Overview) and application form .......................... 3
   5.3. Annual review (2019) of EMD functional units .................................... 4
   5.4. Working Groups ........................................................................... 11
   5.5. Special Projects ............................................................................ 12
6. EMD input for EB strategic plan .............................................................. 13
7. EMD strategic plan ............................................................................... 14
8. EMD contributions to IFCC News .......................................................... 14
9. EMD sessions at IFCC congresses ........................................................... 14
   9.1. APFCB Congress, Jaipur, India Congress, Panama, November 2019: .. 14
   9.2. IFCC WorldLab, Seoul, Korea, May 2020: ........................................ 14
10. Links with other Divisions ..................................................................... 15
    10.1. Collaboration with SD .................................................................. 15
    10.2. Collaboration with CPD ............................................................... 15
    10.3. Collaboration with TF-YS ............................................................. 15
11. Any other business ................................................................................. 15
    11.1. Budget ....................................................................................... 15
    11.2. 2019 EMD Functional units time in office ...................................... 15
12. Date and location of future EMD EC meetings ........................................ 15
    12.1. Milan, April 2 and 3, 2020 ............................................................ 15

1. Welcome and introductions
   - LL welcomed the members of the EC at the offices of the IFCC in Milan.

2. Notification of other business and finalisation of the agenda
   - DQCML Kazakhstan Report was finalised in EMD-EC Barcelona meeting (May-2019) and was thus removed from current agenda.
   - Also, the EMD input for EB strategic plan was previously collected and discussed so that it was removed from current agenda.

3. Review of Minutes of EMD-EC meeting - Barcelona, May 2019
   3.1. IFCC EMD-EC Minutes 2019-05 (Barcelona)
      - Minutes have been accepted and circulated.
      - The new format of the minutes includes more details from the individual functional units (FUs). Proof reading from the FUs is advised whenever content is not taken directly from the reports of the FUs, but from face-to-face meetings of the FU chairs with the EMD-EC (i.e., before publication to the website of the IFCC).
      - EMD-EC recognized that the standardized template for the progress report simplifies the annual report with regards to pre-defined work plan, comparisons between years, and simplifies collation of the minutes & annual report.

4. Report from Executive Board
   4.1. Summary minutes - EB Barcelona
      - Recommendations from EMD-EC to EB; typos:
        o 2 typos to be corrected: from “IFFC” to “IFCC” (p. 2/#7, p. 5/#7.8)
        o to add “IFCC” to last line of 12.1.5
5. Review of Committees and Working Groups

5.1. 2019 May Report – EMD

Individual progress reports from most Committees / Workgroups / Special Projects were received (LL) and then discussed as indicated in the sections below. It was concluded that for the future, a more standardized reporting template for the functional units (instead of word files) would facilitate the reporting and evaluation for all involved persons. For example, the template could contain in tabular form on one side the strategic goals, and on the other side the progress for the running year. To facilitate the integration into the annual report, a very short summary included in the template could be helpful.

5.2. 2019 VLP Projects (Overview) and application form

5.2.1. Milan meeting (18/19-Oct-2019):

- Decision: VLPs are especially valuable to enhance the exchange between industrialized and developing / emerging countries; thus the EMD-EC decided to advertise to the member societies in these countries even more often, such as highlighting the open calls on the IFCC homepage as has been done in the past.
- 16 applications were received in 2019. In previous years, approx. 11-12 VLPs per year were received (except 2015 with a tight budget), but more detailed statistics would be required to document the success of the VLP program.
- VLP Budget: Expenditure was currently 43% (year-to-date, Oct-2019). People are very reasonable with the budget, so that VLP lecturers should be commended by the EMD-EC in case of reasonable spending. Based on historical data, one could assume that 25 applications for 2020 might be possible with the available budget. In case too many applications are received during the year, the applications would be processed on a first come, first served basis.
- Further recommendations: to use the synergy with the Committee for Internet and Distance Learning (C-IDL). It was proposed that the Co-Chair of C-IDL, Dr Loralie Langman, receives the VLP application forms on a regular basis containing the names of lectures and the titles of lectures. This will allow Loralie Langman to assess whether any of these VLP lectures might be relevant to the eAcademy, so that the lecturer(s) may be invited to prepare his/her presentation in the required format for the eAcademy.
- VLP application form: The revised and simplified VLP application form (Barcelona revision) was approved by the EB and has been received.
5.3. Annual review (2019) of EMD functional units

The educational activities are key contributions of the EMD, so that the various presenters (e.g., from workshops) are encouraged to record their presentations for the eAcademy: On a general note, the length of presentations for the eAcademy should range between 20 and 30 minutes. All topics should be decided and agreed with the Co-Chair of C-IDL, Dr Loralie Langman.

On a general basis, the functional units (FUs) are expected to contribute the following yearly deliverables:

- To conduct one workshop per year.
- To review and update webpage appearance.
- To contribute at least two presentations per year to the eAcademy.
- To develop other educational materials.
- Annual meeting of the FU.

Specific strategic actions captured below [the numbering of FUs according to prior reports].

- **9.2.4 Clinical Molecular Biology Curriculum (C-CMBC)**

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<td>Evi Lianidou</td>
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<tr>
<td>Ettore Capoluongo</td>
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<tr>
<td>Verena Haselmann</td>
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<td>N. N.</td>
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<td>VACANT</td>
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<td>Andrea Ferreira-Gonzalez</td>
<td>Consultant</td>
<td>US</td>
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- Strategic actions according to work plan (2019):
  - To conduct one molecular biology workshop per year. [done]
  - To review and update webpage. [done]
  - To contribute at least two presentations per year to the eAcademy. [done]

- Progress report (received):
  - Annual meeting of the C-CMBC at IFCC Barcelona (20-May-2019).
  - Finalized curriculum for C-CMBC Advanced Course .
  - Preparation of the 2019 C-CMBC Course that will take place in La Paz (Bolivia) from 9 to 12-Dec-2019.
  - Preparation of the C-CMBC Advanced Course, to be held in Kuala Lumpur (Malaysia) in Jan-2020.

- Terms: There is currently one vacant position and there will be two additional vacancies at the end of year, including the Chair of C-CMBC. Action (SC): to advertise the vacant positions to member societies.

- **9.2.5 Analytical Quality (C-AQ)**

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<td>Giorgia Antonelli</td>
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<td>Alexander Haliassos</td>
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<tr>
<td>Qing Meng</td>
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<tr>
<td>Lina Khorovskaya</td>
<td>Member</td>
<td>RU</td>
<td>1st</td>
<td>2017-01 - 2019 12</td>
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- Strategic actions according to work plan (2019):
  - To conduct at least one AQ workshop per year. [Done]
  - To develop e-learning presentations of Principles of EQA and IQC. [Done]
- To develop other educational materials on AQ for IFCC website. [ongoing].
- To review and update webpage (completed).
- To contribute at least two presentations per year to the eAcademy (completed).
- Progress report (not yet received at time of meeting): action to collect it (SC) and clarify progress in achieving strategic goal “To develop other educational materials on AQ for the IFCC website”:
  - 3 completed eLearning presentations of principles of EQA and IQC.
  - C-AQ workshop in Kazakhstan (19 to 20-Apr-2019) in collaboration with the DQCML.
  - Finalized 3 chapters for the Quality Ladder.
  - Produced 2 publications from the sub-group on Patient-Based Real Time Quality Control (PBRTQC) project [doi: 10.1373/clinchem.2019.305482; doi: 10.1016/j.cca.2019.06.009.]
- Terms: 2 members will be completing their first term (including the Chair) and A. Haliassos will be completing his second term. A call for nominations to replace A. Haliassos will be required by the end of the year. It would be helpful if the current corresponding membership list will be refreshed thereafter.

### 9.2.7 Evidence-based Laboratory Medicine (C-EBLM)

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<td>Andrew Don-Wauchope</td>
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<tr>
<td>Seema Bhargava</td>
<td>Member</td>
<td>IN</td>
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<tr>
<td>Karina Rodriguez-Capote</td>
<td>Member</td>
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<tr>
<td>Nuria Giménez Gomez</td>
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<td>Chris Florkowski</td>
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- Strategic actions according to work plan (2019):
  - To submit a proposal for at least one EBLM workshop per year and to make materials available on the IFCC website. [done]
  - To publish at least one publication every second year related to EBLM. [done]
  - To review and update webpage. [done]
  - To contribute at least two presentations per year to the eAcademy. [done]
- Progress report (received):
  - Presentations IFCC e-Academy (POCT, EBLM, Audits).
  - EBLM Questionnaire / survey at EuroMedLab Barcelona and AACC.Anheim
  - Systematic Review Article preparation.
  - Conference Presentations:
    - Poster at IFCC (Applying Evidence Based Medicine In Laboratory Medicine: A Pilot Study) and AACC (Self-Perception of Competencies and Need of Training in Evidence Based Medicine among Medical Laboratory Professionals Worldwide)
    - Joint symposium with AFCC/AACC “EBLM and Personalized Medicine” Morocco (27-Sep-2019, Marrakech)
    - Joint symposium APFCB “Micronutrients and vitamins – What is the evidence?” (20-Nov-2019, Jaipur)
  - EBLM activities individual members. (“Coagulation specimen rejections”; 13-Nov-2019, Virtualab; Argentina)
- C-EBLM website update. [Done]
- Terms: Dr Rodriguez-Capote will be completing his second term in December 2020 but will stay on as a consultant.
9.2.9 Clinical Laboratory Management (C-CLM)

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<td>Praven Sharma</td>
<td>Member</td>
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<td>1st</td>
<td>2017 03 - 2019 12</td>
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- Strategic actions according to work plan (2019):
  - To conduct at least one Laboratory Management workshop per year. [done]
  - To produce support documents for Developing Quality Systems in the laboratory in collaboration with C-AQ by the end of 2018. [done]
  - To review and update webpage. [done]
  - To contribute at least six presentations per year to the eAcademy. [done]

- Progress report (received):
  - C-CLM meeting (3-Feb-2019, conference call).
  - Finalizing monograph entitled “Practical Approaches to Quality Systems Set-up for Compliance with Internationally – Acceptable Requirements” (formerly known as a joint monograph with C-AQ)
  - Four workshops and 1 symposium:
    - Clinical Laboratory Leadership Essentials for the 21st Century (4-Aug-2019, Anaheim)
    - Leadership Development for Laboratory Professionals (28-Sept-2019, Marrakech)
    - Verification of Laboratory Test Results in the Core Lab (27-Sep-2019, Marrakech)
    - “Building Tomorrow’s Leaders by the Young Generation” (17-Nov-2019, Jaipur)
    - “Leading the Appropriate Utilization of Medical Laboratory Services” (17-Nov-2019, Jaipur)
  - Started monograph entitled “Project Management Basics for Laboratory Leaders”.
  - Two presentations to the eAcademy.
  - Laboratory Leadership Training Certificate Program (4-Aug-2019, Anaheim)
  - Survey done (“medical laboratory test utilization management and relevant practices”)

- Further questions clarified: App development: no action from EMD-EC required; covered by C-PD
- Terms: P. Sharma has been appointed as the next chair of C-CLM commencing from 1-Jan-2020.

9.2.10 Internet and Distance Learning (C-IDL)

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<td>Loralie Langman</td>
<td>Co-Chair</td>
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<td>Eduardo Freggiaro</td>
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<td>Rojeet Shrestha</td>
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<td>CPD</td>
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<td>Janine Grant</td>
<td>Web Editor</td>
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<td>Hideo Sakamoto</td>
<td>Member</td>
<td>JP</td>
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<td>Krystyna Szefeko</td>
<td>Member</td>
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<td>Ronda Greaves</td>
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Strategic actions according to work plan (2019):
- Identify where there are topics outlined in the curricula that do not have presentations already in the eAcademy. [done]
- Identify potential speakers or source of content to fill in the above noted topics. [done]
- Develop/record and publish the above noted content. [done]

Progress report (received):
- Identified topics in the curricula that do not have presentations in the eAcademy
- Invited speakers from the Visiting Lecturer Programme, to fill in the gaps in curricula the with limited success in recruiting them
- eAcademy recordings
- Translation of AACC "Pearls" into Spanish and co-publish with eAcademy (collaboration with AACC/Nader Rifai)

Terms: Two vacancies need to be filled in January 2020. Also, the committee is in the transition back to the original 2 committees that it was formed from (IDL and C-DL), so the list will be changing.

### 9.2.11 Education in the Use of Biomarkers in Diabetes (C-EUBD)

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<td>Asako Sato</td>
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<td>David Sacks</td>
<td>Member</td>
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<tr>
<td>Cas Weykamp</td>
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<tr>
<td>Erna Lengers-Westra</td>
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<td>NL</td>
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Strategic actions according to work plan (2019):
- To conduct a minimum of one symposium/workshop per year. [done]
- To continue working with WHO and clinical associations, for example ADA, IDF and EASD. [done]

Progress report (to be received):
- Collaboration with WHO to finalise the Diabetes Laboratory Handbook
- Continued and expanded the "HbA1c European EQA study"
- Systematic review articles submitted for publication: collaboration with IDF on a project looking at the diagnostic cut points for T2DM
- Organized 3 symposia in 2019
  - Satellite meeting at IFCC EuroMedLab “Haemoglobin A1c In Clinical Practice (22-May-2019, Barcelona))
  - Symposium at COLABLOCLI, Panama (11 to 13-Sept-2019, Panama)
  - "HbA1c in Clinical Practice “ at EASD (16 to 20-Sep-2019, Barcelona)
- 2 planned for WorldLab 2020 (24 to 28-May-2019, Seoul): one clinical; one lab

Terms: No vacancies to be filled.

### 9.2.12 Cardiac Biomarkers (C-CB)

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<td>Fred Apple</td>
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<tr>
<td>Peter Kavsak</td>
<td>Member</td>
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<tr>
<td>Guillaume Lefevre</td>
<td>Member</td>
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<tr>
<td>Kari Pulkki</td>
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<td>Amy Saenger</td>
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Richard Body  
Member  
UK  
1st  
2017 01 - 2019 12

Su Ping Carolyn Lam  
Member  
SG  
1st  
2017 01 - 2019 12

Torbjørn Omland  
Member  
NO  
1st  
2017 01 - 2019 12

Paul Collinson  
Consultant  
UK

Allan Jaffe  
Consultant  
US

Jordi Ordoñez-Llanos  
Consultant  
ES

- Strategic actions according to work plan (2019):
  - Educational publications. [done]
  - To conduct one symposium/workshop per year. [done]
  - To contribute at least two presentations per year to the eAcademy [done]
- Progress report (received).
  - Education Material: a) Distributed 1500 educational posters and flash drives for high-sensitivity, contemporary and point of care cardiac troponin assays (AACC, Anaheim).
  - Developed publishable laboratory medicine, interdisciplinary, expert opinion materials and present global workshops in collaboration with industry, clinical societies and other IFCC committees. [done]
  - C-CB workshop at AACC Anaheim (7-Aug-2019)
  - C-CB meetings (6-Apr-2019, Glasgow and 1-Dec-2019, Minneapolis)
  - Yearly update IFCC website of cardiac troponin assay and natriuretic peptide assay tables by both manufacturer claims and from peer-reviewed literature. Expand postings with additional interference tables for biotin and haemoglobin. [done]
  - Continuation of distribution of educational posters and mouse-pads, as well as pocket-cards, addressing high sensitivity cardiac troponin and natriuretic peptide assays at IFCC (laboratory medicine) and clinical society meetings. [done]
  - Develop a searchable ‘APP’ that will the educational tool for cardiac biomarker assays used in clinical practice by clinicians and laboratorians. [ongoing]
  - Ongoing study to define a ‘clinical scorecard’ for high sensitivity cardiac troponin assays. [ongoing]
  - To conduct one symposium/workshop per year. [done]
  - To contribute at least two presentations per year to the eAcademy (for example, appropriate interpretive criteria) or update the presentations that are already available in the eAcademy. [ongoing]
  - Corporate member support to workshops, apps and attendance at C-CB meetings
- Terms: all members will finish their 1st term. Proposal within C-CB is not to renew the 2 appointments of Drs. Pullki and Lefevre, and to fill 1 new member position for 2020. Reassign Dr. Omland as a consultant in 2020. Fill 1 new member position in 2021. Reappoint all other positions (members and consultants) for a second term.

### 9.2.13 Kidney Disease (C-KD)

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<th>COUNTRY</th>
<th>TERM</th>
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<tr>
<td>Flavio Alcantara</td>
<td>Chair</td>
<td>BR</td>
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<td>2019 01 - 2021 12</td>
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<tr>
<td>Pradip Datta</td>
<td>Member</td>
<td>US</td>
<td>1st</td>
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<tr>
<td>Anders Grubb</td>
<td>Member</td>
<td>SE</td>
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<tr>
<td>Michele Mussap</td>
<td>Member</td>
<td>IT</td>
<td>1st</td>
<td>2017 05 - 2019 12</td>
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</tbody>
</table>
Strategic actions according to work plan (2019):
- To conduct a minimum of one symposium/workshop per year. [open]
- To conduct a survey on member countries regarding their CKD assay practices and EQA available information for creatinine and urine albumin assays. [open]
- Publicize the available national guidelines on CKD from different countries. [open]
- Provide a road map towards standardization of creatinine assays and support for countries in need with information on ongoing standardization projects. [open]
- Become a bridge to the CKD efforts between IFCC and WASPaLM. [open]
- Approach the interacting partners at KDIGO and nephrology societies. [open]
- Become a candidate partner in areas where CKD testing plays an important role, such as in cardiovascular risk stratification in hypertension. [open]
- To contribute at least two presentations per year to the eAcademy. [open]

Progress report (to be received):
- Meeting of C-KD at IFCC Barcelona
- Publication CKD survey (https://doi.org/10.11613/BM.2019.030301)
- Liaising to nephrology community established (Pierre Delaney)

Terms: Most of the members end their first term. 3 members to be renewed (Drs. Biljack, Datta, Mussap), leaving 2 vacant positions.

### 9.2.14 Point of Care Testing (C-POCT)

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<td>Adil Khan</td>
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<td>P. Oliver Saez</td>
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<tr>
<td>Michel Vaubourdolle</td>
<td>Member</td>
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<tr>
<td>Julie Shaw</td>
<td>Member</td>
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<td>N.N.</td>
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<tr>
<td>Markus Schwertfeger</td>
<td>Corp Rep</td>
<td>CH</td>
<td>1st</td>
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<tr>
<td>Rosy Tirimacco</td>
<td>Consultant</td>
<td>AU</td>
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Strategic actions according to work plan (2019):
- To conduct one symposium/workshop per year. [open for 2019]
- To contribute at least two presentations per year to the eAcademy. [1 completed]

Progress report (received).
- Ongoing preparation for publication (Position Paper on POCT)
- Ongoing preparation for eAcademy lecture on POCT
- Planning Satellite Meeting on POCT “Current Prospects and Future Roles of Point-of-Care Testing” (24-May-2020; Seoul)
- Country survey on PoCT completed & to be prepared for publication

Terms: 1 vacancy to be filled in 2020 (M. Schwertfeger)

### 9.2.15 Proficiency Testing (C-PT)

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<td>Alexander Haliassos</td>
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<tr>
<td>Berna Aslan</td>
<td>Member</td>
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<tr>
<td>Anna Carobene</td>
<td>Member</td>
<td>IT</td>
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<tr>
<td>Armand Perret-Liaudet</td>
<td>Member</td>
<td>FR</td>
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<tr>
<td>Cas Weykamp</td>
<td>Member</td>
<td>NL</td>
<td>2nd</td>
<td>2017 01 - 2019 12</td>
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</table>
Michael Rottmann Corp.Rep. DE 2nd 2017 01 - 2019 12 Roche

- Strategic actions according to work plan (2019):
  - To develop and implement the “Analytes section of the online database (DB-PT) adding all the common analytes from the already registered EQA-PT providers. [in progress]
  - To initiate the development of e-documents on the use of the database - web applications / user manuals. [done]
  - To discuss the possibility of implementing a novel PT scheme for the Stroke biomarkers in co-operation with a non-for-profit ISO 17043 accredited EQA organizer. [done]

- Progress report (received):
  - Finalized document (specifications) to develop and implement the Analytes section of PTDB
  - Creation of web application (user manuals) as a “help” file for the PTDB
  - Started revision of the online database (PTDB) and checked all the records of registered EQA-PT providers.
  - Compilation of features that can help IVD manufacturers during implementation and the pre-launch testing and validation on new assays.
  - Started design and production of suitable control materials for development of EQA-PT schemes for neopterin in CSF
  - Contribution of EQALM members for implementation, updating and maintenance of the C-PT database (16 to 18-Oct-2019, Ljubljana)
  - Started implementation of a pilot PT scheme for Neurodegenerative diseases biomarkers.
  - Co-organized roundtable during the EQALM meeting in Athens
  - Letters sent to EQA-PT providers and the National Representatives to review and update their records to the PT-DB
  - Presentation of PT-DB project at EuroMedLab (19-May-2019)
  - Additional activities: 3 presentations during the DQCML workshop and lectures in Almaty (Kazakhstan; 19 and 20-Apr-2019)
  - Planned C-PT meeting at AACC

- Work plan 2020: the following item was unclear but was then clarified by email communication during the meeting “Number of analytes online at PTDB site by the end of 2020”: InSoft is to start the implementation of (P)arameters section of the database: adding all common analytes from the already registered EQA-PT providers.

- Terms: Seven vacancies arising at the end of 2019.

**9.2.16 Value Proposition for Laboratory Medicine (C-VPLM)**

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<tr>
<td>Robert Christenson</td>
<td>Member</td>
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<td>1st</td>
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<tr>
<td>Maurice O’Kane</td>
<td>Member</td>
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<tr>
<td>Paul Jülicher</td>
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<td>Chris Price</td>
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<tr>
<td>Francesco Curcio</td>
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<tr>
<td>Michael Oellerich</td>
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<tr>
<td>Ida Parwati</td>
<td>WASPaLM Rep.</td>
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<tr>
<td>Nairo Massakazu Sumita</td>
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<td>Roberto Verna</td>
<td>WASPaLM Rep.</td>
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- Strategic actions according to work plan (2019):
  - To conduct one symposium/workshop per year. [Done]
  - To contribute one presentation to the eAcademy per year. [Done]

- Progress report (received):
- Paper on the value proposition and point-of-care testing (doi: 10.1080/00365513.2019.1614211)
- Further paper and David Curnow Plenary Lecture at AACB “Sustainable Healthcare: Is Quality Pathology the Key?” (15-Oct-2019, Adelaide)
- Preparation paper on comparison of technology assessment processes in different countries and barriers to the identification of value in different countries
- Preparation review paper of the use of economic modelling for laboratory tests
- Workshop on Test Adoption at Oxford University, UK
- Symposium at AACC Anaheim
- Symposium at WASPaLM, Xi’an, China
- C-VPLM meeting in London (19-Dec-2019)

5.4. Working Groups

- 9.3.8 Laboratory Errors and Patient Safety (WG-LEPS)

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<td>Mario Plebani</td>
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<tr>
<td>Keila Furtado Veira</td>
<td>Member</td>
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<tr>
<td>Isabel Garcia del Pino Castro</td>
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<td>Agnes Ivanov</td>
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<td>Giuseppe Lippi</td>
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<tr>
<td>Zorica Sumarac</td>
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<tr>
<td>Jamie West</td>
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<tr>
<td>Vincent De Guire</td>
<td>Member</td>
<td>CA</td>
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- Strategic actions according to work plan (2019):
  - To increase the number of laboratories that actively participate in the Quality Indicators Programme by at least 10% per year (metrics difficult to access).
  - To identify performance specifications for each Quality Indicator by the end of 2018 and to publish the findings in a peer-reviewed scientific journal (done).
  - To develop and implement a plan for IFCC member societies, accreditation bodies and EQA/PT providers to disseminate the MQI project and promote increased laboratory participation (done).
- Progress report (received):
  - Publication on state of the art of quality indicators and and quality specifications (doi: 10.1016/j.cca.2019.07.007)
  - 1 draft manuscript (aiming at harmonized management of quality indicators all over the world)
  - Updating web application (www.ifcc-mqi.com) for data collection
  - 1 draft manuscript (to describe quality indicators characteristics)
- Terms: No vacancies to be filled. A new Chair is to be appointed in 2020.

- 9.3.10 Harmonization of Interpretive Comments (WG–ICQA)

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<td>Samuel Vasikaran</td>
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<tr>
<td>Eric Kilpatrick</td>
<td>Member</td>
<td>UK</td>
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Strategic actions according to work plan (2019):
- Support development of locally led patient report comment EQA program in Africa.
- Submit inclusion of EQA for interpretative commenting in the revised ISO 15189.
- Collaborate with EFLM Working Group on Postanalytical Phase (WG-POST).
- IFCC and EFLM conclude that a MoU is not necessary.
- To fill vacancy of chair (proposal: M. Turzyniecka).

Progress report not received as the Chair resigned in March 2019 and the fate of the Working Group is still undecided.

Terms: Chair position is currently vacant.

9.3.11 Personal Support (WG-PS)

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<td>Graham Beastall</td>
<td>Chair</td>
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<tr>
<td>Donald Young</td>
<td>Member</td>
<td>US</td>
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Strategic actions according to work plan (2019):
- Prepare positive publicity material for WG-PS. [done]
- Rationalise the databases for Expert and Mentor. [done]
- Contact all those listed on the RoE and ask if they wish to continue to be listed as an Expert and/or as a potential Mentor. [done]
- Contact all IFCC Members to seek to increase awareness of WG-PS. [done]
- Launch an active campaign to promote the opportunities afforded by WG-PS. [done]

Progress report (received):
- Completed promotion of WG-PS via IFCC e-News and TF-YS social network.
- Completed surveys and audit of RoE and Mentoring Programme; ready for distribution
- Prepared case studies to be used for further promotion of WG-PS; awaiting publication
- Having set targets for expected use of RoE and mentoring. Performance monitoring not yet started: activity of WG-PS is low, so that targets are meaningless at current.

Terms: No vacancies to be filled.

5.5. Special Projects

9.4.1 Visiting Lecturer Programme (VLP)

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<td>Nader Rifai</td>
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<td>US</td>
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<td>2018 01 - 2020 12</td>
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Strategic actions according to work plan (2019):
- To publicize VLP at least twice a year to member societies and to maximize utilization of funds provided by Abbott Diagnostics. [done]
- To update Speakers’ Bureau yearly. [done]

Progress report:
- Continuous updates to IFCC office (see also section 5.2).

Terms: No vacancies to be filled.
9.4.2 Flow Cytometry (WG-FC)

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<td>Claude Lambert</td>
<td>Member</td>
<td>FR</td>
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<tr>
<td>Andreas Spittler</td>
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<td>Katharina Psarra</td>
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<td>Cecilia Rodriguez</td>
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<td>Andrey M. Ivanov</td>
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<td>Matthias Schiemann</td>
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<td>Z. Suleimenova</td>
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<td>Mesude Falay</td>
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<tr>
<td>Maria E. Schroeder</td>
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<tr>
<td>Ulrich Sack</td>
<td>Consultant</td>
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*WGs do not have terms assigned. Can be assigned for longer periods (as compared to committees)*

- Strategic actions according to work plan (2019):
  - To conduct one course per year in Europe and one course per year in South America and to explore conducting one course per year in Asia. [done]
  - To review and update webpage. [done]
- Progress report (received):
  - "4th winter school of Cytometry Applications in Immunology" (4 to 9-Feb-2019, Saint-Etienne).
  - "What you never wanted to know about flow cytometry" (13 to 15-May-2019, Munich)
  - Flow cytometry workshop, Sheba Medical Center (2 to 4-Jun-2019, Tel-Aviv)
  - Flow workshop "Cell Processing and Purification" (23 to 27-Sep-2019, Munich)
  - "Flow cytometry course for immunohematological malignancies" (25 to 27-Sept-2019, Moscow)
  - "Basic cytometry" (27 to 28-Nov-2019, Cairo)

- Terms: No vacancies to be filled.

9.4.3 Developing Quality Competence in Medical Laboratories (DQCML)

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<td>Janet Smith</td>
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<td>Ronda Greaves</td>
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<tr>
<td>Victor Daka</td>
<td>Corresp. Memb.</td>
<td>ZM</td>
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- Strategic actions according to work plan (2019):
  - To conduct two courses or workshops per year in order to establish and/or improve quality concepts of Clinical Laboratories in developing countries. [done]
- Progress report (received):
  - Workshop on laboratory management (19 to 20-Apr-2019, Kazakhstan)
- Terms: The EMD Chair will propose to the EB for the Chair of DQCML to be appointed for a second three-year term from 2020.

6. EMD input for EB strategic plan
EMD strategic plan is aligned with EB strategic plan.
7. EMD strategic plan
Mid-term review was conducted and updated taking into consideration the 2020 goals proposed by each functional unit.

8. EMD contributions to IFCC News
- IFCC eNews June 2019:
  o page 9: VLP Report – Beirut, A. Hallassos (C-PT Chair)
  o page 10: VLP Report – Belgrade, B. Gouget (C-MHBLM)
- IFCC eNews July 2019:
  o page 6-9: Update from the IFCC Committee on Point-of-Care Testing meeting in Barcelona, A. Khan (C-POCT Chair)
  o page 11-13: DQCML Visit to Kazakhstan, E. Amann (DQCML Chair)
- IFCC eNews September 2019:
  o page 8-10: Introducing the WG on Patient Based Real Time Quality Control, T. Badrick (WG Chair)
  o page 11-13: Welcome and thanks to the Chairs. Farewell to Ulrich Sack and welcome to Claude Lambert, (WG-FC)
- IFCC eNews October 2019 (TO BE ISSUED):
  o News from the IFCC Website: IFCC-Abbott Visiting Lecturer Programme (VLP)
  o VLP Report-Panama, T. Ozben (IFCC Treasurer)

9. EMD sessions at IFCC congresses
9.1. APFCB Congress, Jaipur, India Congress, Panama, November 2019:
- IFCC-EMD Symposium:
  The Liquid Biopsy approach: Following the tumor in peripheral blood. Chair: E. Lianidou (GR)
  1. CTC analysis: an overview of CTC technologies and clinical significance. Speaker: E. Lianidou (GR)
  2. Liquid Biopsy: the new frontier in the war against cancer. Speaker: A. Babayan (DE)
- IFCC C-CLM Symposium:
  Leading the appropriate utilization of medical laboratory services. Chair: Ed Randell (CA)
  1. Overview and effectiveness of strategies towards appropriate utilization of laboratory services. Speaker: P. Sharma (IN)
  2. Developing a roadmap for laboratory utilization management program. Speaker: S. Yenice (TR)
  3. Promotion of appropriate laboratory test utilization: from financial accountability to appropriateness and quality of care. Speaker: E. Randell (CA)
- IFCC C-CLM-TF-YS Workshop:
  Building tomorrow’s leaders by the young generation. Chair: S. Yenice (TR)
  1. Critical thinking: building good judgement. Speaker: P. Sharma (IN)
  2. Evolving into an effective leader: key strategies that make a difference (IFCC-Abbott VLP). Speaker: E. Randell (CA)
  3. Leadership & team development: success together. Speaker: P. Dabla (IN)
  4. Promoting future leaders of laboratory medicine (IFCC-Abbott VLP). Speaker: S. Yenice (TR)

9.2. IFCC WorldLab, Seoul, Korea, May 2020:
24th International Congress of Clinical Chemistry and Laboratory Medicine (IFCC WorldLab) & XV International Congress of Pediatric Laboratory Medicine (ICPLM):
- Originally planned for 22-24 May 2020
- Update Mar-2019: Due to global COVID-19 pandemic, postponed to 6-10 January 2021. (IFCC WorldLab Seoul 2021) at Coex, Seoul, Korea
10. Links with other Divisions

10.1. Collaboration with SD
- Joint WG (C-EUBD - WG-HbA2) – G. John-K. Makris
- Collaboration of SD C-MD and WG-SIA with C-EUBD

10.2. Collaboration with CPD
EMD-CPD Joint Committee C-IDL – Co-Chairs: L. Langman - E. Freggiaro

10.3. Collaboration with TF-YS
Collaboration of EMD-C-CLM with TF-YS on developing training workshops for the next generation leadership – Co-chairs: S. Yenice and P. Dabla

11. Any other business

11.1. Budget
No changes.
- VLP: from budget perspective, still some reserves. To further advertise in 2019. To encourage Developing countries to send in applications. VS to remind AFCC member countries of this opportunity.

11.2. 2019 EMD Functional units time in office
Next to the vacant positions highlighted in section 5 above, there will be also one vacant position on the EMD-EC by the end of the year. Further proposed changes in the EMD-EC from January 2021: N. Rifai as Chair and V. Steenkamp as Vice-Chair.

12. Date and location of future EMD EC meetings

Milan, April 2 and 3, 2020