



## ***SCIENTIFIC DIVISION***

### **42<sup>nd</sup> MEETING**

**Fortaleza, BR (2008 9 27-28)**

### **MINUTES (*final draft*)**

<b>Members:</b>	<b>Abbr.</b>	<b>Term and Time of Office</b>
Mauro PANTEGHINI (IT) (Chair)	MP	1 <sup>st</sup> 2006 01 - 2008 12
Ian YOUNG (UK) (Vice-Chair)	IY	1 <sup>st</sup> 2006 01 - 2008 12
Howard MORRIS (AU) (Secretary)	HM	2 <sup>nd</sup> 2006 01 - 2008 12
Philippe GILLERY (FR)	PG	1 <sup>st</sup> 2006 01 - 2008 12
Lothar SIEKMANN (DE)	LS	1 <sup>st</sup> 2006 01 - 2008 12
Ulf-Hakan STENMAN (FI)	UHS	2 <sup>nd</sup> 2006 01 - 2008 12
George BROTEA (US) (Corporate Representative)	GB	1 <sup>st</sup> 2007 01 - 2009 12
David BUNK (NIST Representative)	DB	Consultant
Heinz SCHIMMEL (IRMM Representative)	HS	Consultant
Jean-Claude FOREST (JCTLM Representative)	JCF	Consultant
Mathias MÜLLER (EB Liaison)	MMM	

## **Executive Summary - Scientific Division 42<sup>nd</sup> Meeting, Fortaleza, Brazil September 27 - 28, 2008.**

**Present:** Mauro Panteghini (Chair), Howard Morris (Secretary), Philippe Gillery, Lothar Siekmann, and Ulf-Hakan Stenman, with Heinz Schimmel (IRMM Consultant), David Bunk (NIST Consultant) and Jean-Claude Forest (JCTLM Consultant), with Ms Paola Bramati (IFCC Office) were in attendance.

**6.2 CLSI:** A total of 22 joint projects involving IFCC have been completed or are underway.

**6.22.1 JCTLM:** JCTLM WG1 and WG2 met in July, 2008 to review progress to date.

**6.22.2 JCGM:** A series of supplements to GUM are currently being prepared.

The revised VIM: "International Vocabulary of Metrology, will soon be available on the IFCC web site.

## **6.31 INSTITUTE FOR REFERENCE MATERIALS AND MEASUREMENTS (IRMM)**

ERM-DA470k/IFCC has been released with certified values for 12 proteins. The project of AST reference material is close to completion.

## **8.2 MAIN ACTIVITIES OF COMMITTEES**

**8.2.6 C-NPU:** A proposal to incorporate the NPU database into the IHTSDO SNOMED-CT project is progressing with the technical aspects being defined.

**8.2.11 C-MD:** Nominations remain open to join the networks of IFCC Expert Molecular Diagnostics Centres and Member Laboratories.

**8.2.13 C-PP:** The protocol for transferring values from ERM-DA470k/IFCC to commercial protein assay calibrators will soon be published.

**8.2.19 C-SMCD:** The experimental work for the second stage of the project to evaluate BNP, proBNP and NT-proBNP antigens from multiple commercial sources for cross-reactivity in commercial and experimental BNP, NT-proBNP and proBNP assays is underway.

**8.2.21 C-RSE:** The certification process of the AST Reference Material, in cooperation with IRMM, is close to completion with 12 laboratories participating.

**8.2.22 C-POCT:** Work is underway to prepare a database on potential interferents in POCT.

**8.2.23 C-TLM:** Reporting of Desirable Limits of Agreement to laboratories participating in the EQAS for reference laboratories has commenced.

**8.2.24 C-RIDL:** Work continues to generate experimental data for clinical enzymes using traceable methods from which common reference intervals can be derived.

## **8.3 MAIN ACTIVITIES OF WORKING GROUPS**

**8.3.3 WG-SEB:** Priorities are currently being reviewed.

**8.3.8 WG-A:** The preparation of the new SP3-08 apo B reference material has been completed.

**8.3.16 WG-SHCG:** The study of the effect of the calibrator on method comparability is continuing with a panel of some 400 specimens being assayed against three different standards (IS 75/589, candidate IS IRR 99/688 and recombinant hCG).

**8.3.19 WG-HbA1c:** The manuscript describing the long-term stability of the Master Equations has been published.

**8.3.33 WG-STFT:** A Method Comparison study of commercial assays has been completed for total T4, total T3, free T4, free T3 and TSH. The data will be published in the near future.

**8.3.35 WG-HbA2:** A pilot batch of the secondary reference material has been prepared by IRMM and is now being evaluated by the WG.

**8.3.36 WG-CDT:** A manuscript on candidate reference material has been published.

**8.3.37 WG-SCC:** A candidate secondary reference material has been aliquotted and the certification process is expected to be completed by December 2008.

**8.3.38 WG-GFRA:** A study of creatinine assay specificity is underway including both alkaline picrate and enzymatic assays from the major companies.

**8.3.39 WG-SAU:** A manuscript describing recommendations for the assay of albumin in urine has been accepted for publication.

**8.3.40 WG-PAPPA:** The protocol for a project for the preparation of a primary reference material is being prepared.

**8.3.41 WG-GH:** Cooperation with the Growth Hormone Research Society has been established to jointly organize a Workshop on GH Standardization in 2009.

**8.3.42 WG-SIA:** The performance of clinical insulin assays has been assessed by comparing results with those from an ID-LC/tandem MS assay calibrated with recombinant insulin.

**8.3.43 WG-TnI:** Preparation of a manuscript describing the project will commence in the near future.

#### **8.8 PROJECT PROPOSALS:**

None were received.

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#### **8.19 MEETINGS**

8.19.43 - The 43<sup>rd</sup> SD meeting will take place in Milan, Italy, on April 17-18, 2009.