



International Federation of Clinical Chemistry

Scientific Division

Subcommittee/Committee on Nomenclature, Properties and Units (SC/C-NPU)

Minutes of meeting, Rome 2005-10-07/09

1. **Opening of the meeting** - the meeting opened at 13:00, October 07, 2005
2. **Participants and apologies** - Present for the opening of the meeting were the following C-NPU members: Urban Forsum (UF) TM, C-NPU chairman, Pedro Soares de Araujo (PSA) AM, C-NPU secretary, Françoise Pontet (FP) TM, Gunnar Nordin (GN) TM, Ulla Magdal (UM), IUPAC SC member, Ivan Bruunhuus (IB) TM, René Dybkaer (RD) TM and Wolf R. Külpmann (WRK) AM. Daniel Karlsson (DK) TM arrived only for attending the meeting in October 09, 2005. Apologies were presented for the absence of Jarkko Ihalainen (JI) TM.
3. **Approval of the provisional agenda** – The provisional agenda prepared by PSA was approved with a few additions, which were proposed by the members. Therefore, the agenda for the meeting contained the following items:
 - I. Opening of the meeting – October 07, 2005 at 13:00
 - II. Participants and apologies
 - III. Approval of provisional agenda
 - IV. Meeting schedule
 - V. Update of C-NPU membership
 - VI. Minutes of the Leiden meeting
 - VII. Member's reports – meetings in Hungary, in Saarbrücken
 - VIII. Confirmation with IFCC of the new chairman Dr. Françoise Pontet (IUPAC) for the period 2006-2007. Indication of a new secretary for SC/C-NPU
 - IX. Translations of the elements of the SC-NPU database into French and German. Update of the Portuguese translation (PSA). Update of the Spanish and Catalan translations (XFA).
 - X. Estonian C-NPU version
 - XI. Collaboration with CLSI
 - XII. Loinc
 - XIII. Global use of C-NPU concept system for properties in Toxicology (WRK)
 - XIV. HbA1c – definition and report substance concentration of glucose
 - XV. Abbreviations and glucose
 - XVI. Internet addresses for some of our previous papers
 - XVII. Snomed connections
 - XVIII. Application to the 6th framework of the EU – IUPAC and ISO diffusion
 - XIX. Anklam IUPAC project proposal
 - XX. Terminology for observations in scientific vocabularies IUPAC project 2004-023-1-700
 - XXI. Maintenance of the C-NPU database
 - XXII. prEN 1614 status and co-operation with CEN TC 251 wg 2
 - XXIII. Budget
 - XXIV. Miscellany
 - XXV. New projects
 - XXVI. Next meeting
 - XXVII. Closing – October 09, 2005 at 13:00
4. **Meeting schedule** - UF presented the schedule proposed for this meeting, which was approved.
5. **Update of C-NPU membership** - UF presented the membership situation concerning permanence in office. IFCC members are allowed two terms in office, each of 3 years. UF and GN are due to resign at the end of their second term in 12-2005. UF informed that he was invited to be a IFCC consultant member like RD. Since IUPAC has a more open policy concerning membership, with no restrictions in number of members or in time of service, UM was appointed as an IUPAC SC member. To comply with the plans for expanding the membership the Secretary will contact Doug Templeton from the Toxicology group and Huib Storm from The Netherlands inviting them to

become SC-NPU members. To broaden national representation Xavier Fuentes Arderiú (XFA) will be contacted for an indication of a possible SC-NPU member from Spain.

6. **Minutes of the Leiden meeting** - The minutes of the Leiden meeting prepared by GN were discussed and a few corrections were proposed by WK and RD. After the introduction of these corrections, PSA will send these minutes to Dr. Fabienne Meyers from IUPAC secretariat.
7. **Member's reports** – UF reported on the meeting in Hungary. PSA reported on the IUPAC General Assembly in Beijing and RD reported on the progress of the work on VIM.
8. **Confirmation with IFCC of the new chairman** - UF has informed Jean Claude Forest (SD IFCC) a month ago about the appointment of FP as the new chairman. This was approved in SD and was sent to the executive level of IFCC. By suggestion of PSA, GN was confirmed as the new secretary of SC/C-NPU.
9. **Translations of the elements of the SC/C-NPU database** – The French and German translations of the database elements were concluded. Also an update of the Portuguese version was finished. The opening of the 6th frame of EU was proposed as an alternative for maintaining updated versions of the different languages. This multilingual effort is mainly of European interest. UF pinpointed the core question of having the conditions to produce such an application. The secretary will establish a contact with XFA about this. UF proposed that we should find a good call for EU, in early spring, to have enough time to produce a viable application. He will do some preparative work back in Sweden and will circulate the information.
10. **Estonian C-NPU version** – UF produced information on his visit to Estonia, his lecture during a summer course and their interest on C-NPU.
11. **Collaboration with CLSI** – Mathias Mueller, president of IFCC and John Zlockie from CLSI proposed to UF that the C-NPU database should be made part of the CLSI database. SD Jean Claude Forest proposed that UF would pay a visit to Philadelphia in Nov 14-15. Jean Claude Forest has also suggested that another CNPU member should join this meeting. FP was invited but she could not go, therefore IB was invited, and he accepted. We agreed to pursue these contacts.
12. **Loinc** - UF reported about a meeting in Indianapolis, where it was agreed that a comparison between C-NPU and Loinc was going to be done by the Loinc people. This has not yet been done.
13. **Global use of C-NPU concept system for properties in Toxicology** - WRK mentioned that John Duffus produced a last version of the manuscript incorporating all Jack Lorimer's requested modifications. Basically the document incorporated preferred IUPAC terms. The document was accepted and now there is a discussion on the alternatives for printing it. PAC editor agreed to publish it with two columns. The database elements have not been added. It was agreed that the way Lorimer's requests were implemented in the manuscript were not acceptable to SC/C-NPU. The manuscript publication process will be stopped and UF will contact John Duffus on this matter. A letter will be produced to be sent to Lorimer and to John Jost.
14. **HbA1c – definition and report substance concentration of glucose** - GN reported on the state of the discussion about HbA1c. At the moment there are three main players, which are discussing the politics of the proposed changes. The meeting in Orlando was organized as a discussion between GN and ADA's main scientist. There will be a multinational study conducted by ADA and the HbA1c wg from IFCC agreed to introduce no changes before the end of this study in 2007. An agreement with the wg was achieved for the name and the definition of the property. This will be a new entry on the database.

Haemoglobin beta chain (Blood)–

Deoxyfructosyl haemoglobin; substance fraction = ? millimole/mole

15. **Abbreviations and glucose** – The publication in Clin. Chem. **51**: 1573-1576 (2005) deals on reporting glucose results and abbreviations adopting plasma glucose as the standard as recommended by IFCC. RD noted that there is no uncertainty in the 1.11 factor to convert blood to plasma glucose
16. **Internet addresses for some of our previous papers** – Our old papers have references to web pages that are no longer accessible. All these documents are available in the DK site. IUPAC also have them. If IUPAC have broken links (IB will check) UF will take appropriate measures to correct in both IUPAC and IFCC.
17. **Snomed corrections** - People who are modelling various aspects in Medicine think that Snomed is useful while others argue that it is not acceptable. Loinc was integrated into Snomed, and it was agreed that lab domain was left to the Regenstrief Institute to correct.
18. **Application to the 6th framework of the EU – IUPAC and ISO diffusion** – This topic was already covered in item 14.
19. **Anklam IUPAC project proposal** - UF and others discussed the "qualitative" assays for food and other things, and the validation of these methods. GN added some insights for this discussion. IB

argued that we have to comment on the phrasing of the proposal. It was concluded that SC/C-NPU will not participate.

20. **Terminology for observations in scientific vocabularies IUPAC project 2004-023-1-700** – This project has not yet started. UF said that this is a sound project but it appears to be very difficult to manage. FP proposed to invite Robert Zender to work on it and draft a vocabulary structure which should be discussed in the next C-NPU meeting.
21. **Maintenance of the C-NPU database** – UF informed that the last update of the Dior server was in November 2004. GN said that there are complaints about the updating of the Dior server. IB and UM informed that the last update of the Danish database was in Oct. 7, 2005. The conclusion is that we need money to do good maintenance.
22. **prEN 1614 status and co-operation with CEN TC 251 wg 2** – With the participation of DK the ENV 1614 was discussed at length on general aspects. The present working document still needs revision.
23. **Budget** – UF informed that SC/C-NPU financial situation is in order.
24. **Miscellany** – Jean Claude Forest mailed a letter to UF telling that FP indication will be voted in the next executive meeting. Also in this letter he suggests indicating FP as the representative in JCTM. C-NPU views that RD has an important role in finishing the work in the new edition of VIM that will be finished in two years. So we are requesting that RD is re-appointed as IFCC representative in JCTM. WRK proposed that FP should also be indicated as a representative in a way to have her introduced in those matters. UF organized an workshop in Tiahani, Hungary, on semantic mining and UF, IB and RD were there spreading information about C-NPU.
25. **New projects** – There was agreement on several new projects. It was proposed that the project forms should be directed to the chairman by December 23. The deadline for the submission of projects to IUPAC Secretariat is January 31, 2006.
 - Flow-cytometry and CD markers - Mona Hanson – UF
 - Clinical physiology – GN – DK will ask Anders Tureen
 - Consensus rules for prefixes – GN, IB
 - Harmonization of botanical names, with comments, in CNPU database – PSA
 - Collection of valuable and scattered information about terms in the database – UM, FP, DK
 - Data model for a new database - GN
 - CLSI collaboration for having C-NPU in CLSI database – UF
 - Snomed integration of C-NPU database – UM
 - Trivial names are not trivial – no volunteer
 - Silver book revision – HO to cut it in parts
 - PR project - FP
26. **Next meeting** – UF discussed Paris and Copenhagen as venues for next meetings. Because of RD compromises, it was proposed that the next meeting could be in Paris, 8-9-10 of April 2006. Alternative dates could be 28-29-30 of April 2006.
27. **Closing** – The meeting was closed at 12:30 of October 09, 2005.