

**DIVISION OF CHEMISTRY AND HUMAN HEALTH (VII)**  
**SUBCOMMITTEE ON TOXICOLOGY AND RISK ASSESSMENT**  
**(SubComTox/IUPAC)**

**Meeting 2**  
**Jock Turcot University Centre, University of Ottawa, Canada**  
**14:00 - 17:00, August 9, 2003**

**AGENDA**

**Attending:** John Duffus (Chair and Secretary), Monica Nordberg, Doug Templeton  
**Apologies:** Rita Cornelis, Birger Heinzow

**1. Minutes of the last meeting**

The Minutes of the last meeting were approved

**2. Matters arising**

None

**3. Membership**

John reported that Wayne Temple and Howard Worth had agreed to be members of the Subcommittee. It was agreed that there should be two categories of membership - full and corresponding. Members of toxicology related IUPAC Project Groups would automatically be invited to become full members. Others who could contribute as reviewers of projects etc. may be invited to become corresponding members. It was agreed to invite Phil Wexler, Toxicology and Environmental Health Information Program, NLM, NIH, to become a corresponding member.

**4. Project progress reports**

a) Immunochemistry of Metal Sensitisation - DMT.

Two manuscripts resulting from this project were submitted to PAC in January 2003 but are still under review by Interdivisional Committee on Terminology, Nomenclature and Symbols (ICTNS). Concern was expressed at this delay since timeliness of publication in this rapidly advancing area of toxicology is essential.

b) Development of a Glossary of Terms in Toxicokinetics - MN.

The penultimate draft document is currently on the IUPAC website as an IUPAC Provisional Recommendation. This was announced in the July/August edition of Chemistry International. It is expected that the finally approved version of the document will be published in Pure and Applied Chemistry as an official IUPAC Recommendation

c) Global use of the C-NPU concept system for properties in toxicology - JHD.

This project is progressing as originally planned in spite of being only partially funded as a result of lack of funding from International Federation of Clinical Chemistry (IFCC). IUPAC support permitted only two funded meetings. Members of the Project Group have had to find other ways of funding participation for a meeting in Ottawa. It is hoped that a final version of the document produced will be available to submit to Urban Forum by December 2003 for IFCC review and for the input of NPU numbers.

d) Second edition of the textbook, "Fundamental Toxicology for Chemists" - JHD. This Project has been approved in July 2003 and Howard Worth and John have contacted the existing authors who have all agreed to revise their book chapters. Howard and John are seeking authors for new chapters on toxicogenomics, pharmaceutical toxicology and analytical toxicology. A new chapter on distribution of toxicants in the environment will also be included.

e) Project proposal for a revision of the 1993 Glossary of Terms in Toxicology - to include new terms and to incorporate the terms in the Glossary of Terms in Toxicokinetics - JHD. This proposal will be submitted to the IUPAC Secretariat before the end of August 2003. John hopes to produce a working document by the end of October 2003. He will send a copy of this to Robin Ganellan for his compilation of existing glossaries in medicinal chemistry and clinical chemistry.

f) Dictionary of Concepts in Toxicokinetics - MN. This Project proposal has been submitted by Monica but not so far processed. Monica is looking at ways of reducing estimated costs before resubmitting a final version of the document in the near future.

#### **5. Development of educational material for toxicology**

**a) Possible collaboration with U.S. National Institutes of Health (NIH) and SOT.** John introduced Phil Wexler's proposal for a World Library of Toxicology (attached). The subcommittee expressed its full support for this proposal and its willingness to contribute to its development.

#### **b) Other possibilities**

Birger and John have met to discuss the possible project for the preparation of educational material on pesticides for developing countries. Birger will take the lead in developing this.

#### **6. Next meeting of the Subcommittee.**

The next meeting has been proposed for London at the end of October, tentative dates 18-20, 2003 to coincide with Project Group meetings there.

JHD August 31, 2003