



**ICOH 2006-2008 TRIENNIUM
MIDTERM SCIENTIFIC COMMITTEE REPORT**

**MIDTERM REPORT
Covering June 2006 – October 2007**

Note: We are using an identical format for the SC Midterm and Final Reports. Each covers a specified timeframe. **The SC Midterm Report covers June 2006 – October 31, 2007. Please return it no later than December 1, 2007 to:**

Vice President Marilyn Fingerhut mfingerhut@cdc.gov and
Secretary General Sergio Iavicoli sergio.iavicoli@ispesl.it

The SC Midterm Report will be maintained on the ICOH Scientific Committee Virtual Office at www.icohweb.org/scvo.

Submitted by Scientific Committee: _Scientific Committee on the Toxicology of Metals_____

Date: ___2007-12-01___

Chairman: Monica Nordberg
Email address: monica.nordberg@ki.se

From year: 2003

Secretary: Ole Andersen
Email address: oa@ruc.dk

From year: 2003

SC Website URL:

Other SC Means of Communications:

Focus and aim of Scientific Committee:

To expand knowledge about important issues in metal toxicology, important previous or prevailing exposure situations affecting human or ecosystem health, new insights in relationships between exposures and health effects, risk assessment and risk management options, among ICOH members and the scientific community in general by organising, sponsoring or supporting national and international seminars, workshops and symposia, and organising the writing of reports and books and special issues of scientific journals as authors and/or editors.

PART I – ACTIVITIES: Business meetings, Conferences, Seminars and Workshops

Midterm Report: June 2006-September 30, 2007

Please note collaborations with other SCs, WHO, ILO and NGOs.

SCTM decided during a business meeting in November 2003 that whenever relevant numbers of members of SCTM participate in conferences/meetings sponsored by SCTM, committee meetings can be held.

1) Business meeting:

Venue: Milan, Italy

Date: June 15, 2006

Number of attendees: 8 and 7 excused

Date report sent to VP Fingerhut (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/scvo/>):

2) Business meeting:

Venue: Brescia, Italy

Date: June 17, 2006

Number of attendees: 9

Date report sent to VP Fingerhut (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/scvo/>):

3) Business meeting:

Venue: Beijing, China

Date: September 11, 2007

Number of attendees: 8

Date report sent to VP Fingerhut (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/scvo/>):

4) Business meeting:

Venue: Maris Hotel Crete, Greece

Date: October 23, 2007

Number of attendees: 12

Date report sent to VP Fingerhut (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/scvo/>):

Conferences, Seminars, Workshops, Courses, etc:

(please fill in the tables)

(1) Name of the event:	The SCTM organized the satellite workshop, NTOXMET (Neurotoxic Metals: Lead, Mercury and Manganese. From Research to Prevention) on June 17-18, 2006 in Brescia, Italy in collaboration with SCNP, ICOH.				
Type of event:	Conference	Seminar	Workshop	Course	Other
			x		
Date:	June 17-18, 2006				
Venue:	Brescia, Italy				
Organizers:	SC on the Toxicology of Metals and Neurotox				
Co-organizers and Collaborators: Please describe roles.	See above and ICOH Newsletter report				
Number of participants:	110 scientists and physicians from 27 nations over the world and covering all continents				

Publication of proceedings:	<p>Declaration of Brescia which is a great scientific accomplishment for both SCs and ICOH</p> <p>Landrigan PJ, Nordberg M, Lucchini R, Nordberg G, Grandjean P, Iregren A, Alessio L. (2006) The declaration of Brescia on Prevention of the Neurotoxicity of metals American J. Industrial Medicine Oct 11; [Epub ahead of print]</p> <p>Landrigan P, Nordberg M, Lucchini R, Nordberg G, Grandjean P, Iregren A, Alessio L (2006) The Declaration of Brescia on Prevention of the Neurotoxicity of Metals Brescia, Italia 17-18 June 2006. Med Lav. 2006 Nov-Dec;97(6):811-814.</p>
Book of abstracts:	Provided by organizers
Book of selected proceedings:	
Special issue of peer reviewed journals:	Some presenters published in American Journal Industrial Medicine
Assessment of success:	Very high success and implementation of the Declaration of Brescia which has already been useful in action-precautions taken by some national regulatory agencies and offices

(2) Name of the event:	ISBM'07				
Type of event:	Conference	Seminar	Workshop	Course	Other
	X				
Date:	September 10-12, 2007				
Venue:	Beijing, China				
Organizers:	SCTM, SCOT, SCRH, University of Peking				
Co-organizers and Collaborators: Please describe roles.	<p>patronage of the Ministry of Health and the National Natural Science Foundation of China, and the Peking University Health Science Center.</p> <p>See above and ICOH Newsletter report</p>				
Number of participants:	170 scientists and physicians from 29 nations				
Publication of proceedings:					
Book of abstracts:	Provided by local organizer				
Book of selected proceedings:					
Special issue of peer reviewed journals:	Arranged by SCOT and by invitation				

Assessment of success:	Discussion of BORA paper-tentative position paper by ICOH on biological monitoring
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(3) Name of the event:	ISTERH/NTES /HTES				
Type of event:	Conference	Seminar	Workshop	Course	Other
	x				
Date:	October 22-27, 2007				
Venue:	Crete, Greece				
Organizers:	International Society for TraceElement Research in Humans				
Co-organizers and Collaborators: Please describe roles.	SCTM sponsor Nordic Trace Element Society coorganizer Hellenic Trace Element Society coorganizer Members of SCTM arranged “Health effects of low dose exposure to toxic metals” and were invited speakers of one symposium and invited speakers of one further symposium.				
Number of participants:	300				
Publication of proceedings:	1. See below 2. Research recommendations from the symposium “Health effects of low dose exposure to toxic metals” under preparation				
Book of abstracts:	In press in Cell Biology and Toxicology				
Book of selected proceedings:					
Special issue of peer reviewed journals:	Proceedings in preparation for publication in Cell Biology and Toxicology				
Assessment of success:	Highly successful				

**PART II Midterm Report: SC Products and Collaborations June 2006 – September 30, 2007
Publications, Guidelines*, Position Papers*, etc**

Publications, Proceedings, Guidelines*, Position Papers*, etc. Provide title, authors, full citation. SCs are encouraged to produce ICOH Guidelines* and Position Papers*. *Guidelines and Position Papers must be approved by the ICOH SC Vice Presidents, Secretary General and President.

1. Nordberg GF, Fowler BA, Nordberg M and Friberg LT (Eds.) (2007) Handbook on the Toxicology of Metals, 3rd edition, Elsevier 1-992.
2. Nordberg M and Andersen O (2006) Report risk assessment symposium ICOH Newsletter, 4, 1, 6-7.
3. Nordberg M and Lucchini R. (2006) Report neurotoxicity symposium Brescia ICOH Newsletter 4, 2, 12-13.
4. Nordberg M, Fowler BA, Nordberg GF and Andersen O. (2006) In memoriam Newsletter 4, 2, 18
5. Nordberg G F., Fowler BA and Nordberg M. (2007) New Challenges in Occupational and Environmental Toxicology ICOH Newsletter Volume 5, 1, 4-7.
6. Nordberg G F., Fowler BA and Nordberg M. (2007) New Challenges in Occupational and Environmental Toxicology ICOH Newsletter Volume 5, 1, 4-7.
7. Wang S., Viau C., Manno M., Nordberg M., Colosio C. (2007) Report ISBM-2007, ICOH Newsletter in press
8. Position Paper on Biomonitoring for Occupational Health & Risk Assessment (BOHRA) in preparation together with SCOT and SCRH

Cooperation with other Scientific Committees: (If cooperation in a Conference not listed above, provide title, dates, location and role of each SC. Provide relevant details of other collaborations with SCs.)

Participation and support to WHO – ILO meetings and or publications: (If cooperation in a Conference not listed above, provide title, dates, location and role of each. Provide relevant details of other collaborations with WHO and/or ILO.)

IPCS meeting Hannover, Germany November 2005, chair workshop

WHO/IPCS (2006) Environmental Health Criteria 234, Elemental speciation in Human Health Risk Assessment, Geneva.

SCTM and members serve as referees for WHO documents.

ATSDR/CDC, USA

IPCS reviewing EHC-documents

EEA

IUPAC

Cooperation with non-ICOH organizations: (If cooperation in a Conference not listed above, provide title, dates, location and role of each. Provide relevant details of collaborations other than conferences.)

Invitation to participate in International Public Health Forum in Shanghai, China December 2007 to also include information about ICOH with special reference to SCTM.

Any other points of relevance:

**PART III Midterm Report: SC PLANS for second half of Triennium and for ICOH 2009:
October 1, 2007 – March 30, 2009**

Planned business meetings, conferences, seminars: (provide title, location, date if possible)

Planned collaborative Activities with other ICOH Scientific Committees: (Provide Conference title, dates, location and role of each SC. Provide relevant details of other collaborations with SCs.)

Together with SCNP: **International Workshop "Implication of Biomarkers and Biological Monitoring of Metals in Human Risk Assessment with special emphasis on neuro- and nephrotoxicity** With special reference to lead, aluminum, mercury, manganese, arsenic, cadmium, tin, copper, zinc and uranium". **20 - 21 March 2009, Venue** President Hotel Seapoint, Cape Town, South Africa

SCRH: 17th International Congress of Agricultural Medicine & Rural Health, FROM THEORY TO PRACTICE: OHS FOR RURAL POPULATIONS, October 13 - 16, 2009. Cartagena de Indias, Colombia Role of SCTM plan to collaborate from the metal point of view.
SCOT: Further ISBM

Arranged a course in biological monitoring; venue South Africa, contact person Ina Naik, Monica Nordberg (SCTM).

This course might be given in collaboration with other SCs e.g., SCNP, SCOT and SCRH

Planned collaborative Activities with other (Non-ICOH) Organizations: (Provide Conference title, dates, location and role of the SC. Provide relevant details of collaborations other than conferences.)

Under consideration

Planned Publications, Position papers, etc.: (Provide title, authors, timeframe, publication, if known)

In collaboration with SCOT and SCRH BOHRA

SCTM: Research recommendations “Health effects of low dose exposure to toxic metals”

SCTM: State of the Art of Risk Assessment

SCTM:

Planned Scientific Contributions to ICOH 2009: (Be specific: List title of scientific sessions, speakers, abstract reviewers, business meeting, etc.)

Specific sessions have been submitted separately and will be confirmed

Arranging 29th ICOH, 2009 Cape Town, South Africa

Review abstracts for given congress

Mini-symposia at the ICOH 29th Congress in Cape town, South Africa

The SCTM will organize several mini-symposia methods and effects, which will be held in March Cape Town, South Africa. Contacts are already taking place for a seminar in collaboration with the SCNP

Rural Health South America

Any other points of relevance:

Follow up of active membership of the present members.

Actively recruit young scientists as new members

Review WHO ICPS/EHC documents and CICADs

Arrange consensus workshops

Actively look for matters to improve the work environment as well as general environment in order to protect humans from developing illness because of metal toxicity.

Actively interacting with international organisations and societies with interest in metal toxicity

Actively searching research interaction between members and upcoming members

Launch candidates to become member of the board of ICOH

Continuously information by letter from the chairman and secretary sent by emailing list

Letters to the members and encouragement of suggestions of activities

Website under construction contact persons: Lars Barregard, Monica Nordberg and Ole Andersen

PART IV – Assessment of Success of SC and Impact on Global Occupational Health

We want to understand and share widely the value and impact of the work of the Scientific Committees on improving global occupational health. Please look back into the past and provide an assessment.

Declaration of Brescia, Outcome of workshops and impact on EHC/WHO.

Midterm Report: Please assess the success of the SC and its influence in improving global occupational health as a result of the work *prior to* the current Triennium. Give examples where possible.

PART V – Evaluation of this Midterm Report form.

x _____ This form is acceptable

_____ This form should be changed. Please recommend changes.

PART VI – List of Members of Scientific Committee (provide full name and email address)

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Thank you for completing this form.