

Nanomaterial Workers' Health

Chair: Dr. Paul A. Schulte
Email address: pas4@cdc.gov

From year: 2012

Secretary: prof. Ivo Iavicoli
Email address: ivo.iavicoli@unina.it

From year: 2012

SC Website URL:

http://www.icohweb.org/site_new/ico_scientific_committee_detail.asp?sc=43

Other SC Means of Communications: Periodical communications by e-mail

Focus and aim of Scientific Committee:

Focus: ICOH initiated the SC to focus on workers who are the first people in society to be exposed to the potential hazards of nanotechnology.

Aims: 1) Need to learn the extent of implementation of precautionary nanotechnology guidance worldwide, so that in places where there is poor compliance, measures can be taken to increase the awareness, acceptance, and utilization of the guidance; 2) Need to develop and disseminate information on precautionary approaches to protect nanotechnology workers in start-up companies.

PART I – ACTIVITIES: Business meetings, Conferences, Seminars and Workshops occurring in the period December 2016 - April 2018

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

Conferences, Seminars, Workshops, Courses, etc occurring in the period December 2016 - April 2018 (please fill in the tables)

(1) Name of the event:	10 th International Symposium on Biological Monitoring (ISBM-10)				
Type of event (please check) :	Conference	Seminar	Workshop	Course	Other
	X				
Date:	1-4 October 2017				
Venue:	Naples (Italy)				
Organizers:	Scientific Committee (SC) on Occupational Toxicology in collaboration of SCs of Nanomaterial Workers' Health and Toxicology of Metals Please note that in this symposium Paul Schulte and Ivo Iavicoli have been members of the Scientific and Organizing Committee of the Symposium. Furthermore P. Schulte presented a key note lecture and a plenary session on Nanomaterials was organized by our SC.				
Co-organizers and Collaborators: Please					

identify and describe roles.	
Number of participants:	➤ 150
Publication or provision of CD/DVD proceedings:	
Book of abstracts:	Yes
Book of selected proceedings:	In preparation on the Elsevier Journal "Toxicology Letters"
Special issue of peer reviewed journals:	Yes, see above
Assessment of success:	The participant sent several e-mails of thanks

(2) Name of the event:	Development and conduct of a survey of the extent of protection of nanomaterial workers				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
					X
Date:	2016-2018				
Venue:	Survey				
Organizers:	ICOH Nanomaterial Workers Health SC				
Co-organizers and Collaborators: Please identify and describe roles.	NA				
Number of participants:	NA				
Publication or provision of CD/DVD proceedings:	NA				
Book of abstracts:	NA				
Book of selected proceedings:	NA				
Special issue of peer reviewed journals:	NA				
Assessment of success:	Survey was developed and reviewed. In process of administering it.				

**PART II FINAL Report: SC Products and Collaborations during the reporting Period
December 2016 - April 2018
Publications, Proceedings, 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.

Ivo Iavicoli and Paul Schulte are guest editors of a special issue on Nanotoxicology and Nanosafety (topics of the SC) of the journal International Journal of Molecular Science (IF 3.226, http://www.mdpi.com/journal/ijms/special_issues/nanotoxicol_nanosafety) with deadline for manuscript submissions: **31 January 2018**

Cooperation with other Scientific Committees: (If cooperation in a Conference not listed above, provide title, dates, location and name 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.)

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

Any other points of relevance:

PART III FINAL Report: SC PLANS for the ICOH 2018 Conference and for the NEXT Triennium 2018-2021:

Planned Scientific Contributions to ICOH 2018: (Provide information only about new contributions not already listed in the SC Midterm Report. Be specific: List title of scientific sessions, speakers, abstract reviewers, business meeting, etc.)

We have planned a Special Session entitled "Update of potential hazards of nanomaterials"

Prof. Iavicoli will have a presentation on "Nanotechnology in ear diseases: promising and challenging issues" at the Special Session regarding noise & vibration synergistic effects organized by the Scientific Committee on Vibration and Noise

Prof. Iavicoli will have a presentation on "Nanotechnology in medical fields: potential applications, toxicological implications, and occupational risks" at the Special Session organized by the Scientific Committee on OH for Health Care Workers

Dr. Schulte will give a semi-plenary lecture on an overview of the current state of knowledge about the health effects of nanomaterials.

Furthermore, a business meeting will be held at the congress.

2018-2021 Planned business meetings, conferences, seminars: (provide title, location, date if possible)

A business meeting will be held at the next ICOH congress in Dublin.

2018-2021 Planned Publications, Position papers, etc.: (Provide title, authors, timeframe, publication, if known)

A publication based on the keynote lecture of Paul Schulte at ISBM 2010 (see above) will be submitted to Toxicology letters (where selected papers of the symposium will be published).

Any other points of relevance:

PART IV – SC Final Report 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 during the current Triennium 2015 - 2018. Please review the SC activities of this Triennium 2015-2018 and provide an assessment. Please assess the success of the SC and its influence in improving global occupational health as a result of the work *during* the current Triennium. You may want to note anticipated impact. Give examples where possible.

During the current triennium, the activity of the SC was successful. The numbers of members increased and several events were organised. Two publications appeared on the leading toxicology journals with high impact factor.

PART V – Evaluation of this FINAL Report form.

_____ This form is acceptable

_____ This form should be changed. Please recommend specific changes.

PART VI – List of Members of Scientific Committee or attach list (provide full name and email address). Note here only changes of membership from the list in your SC Midterm Report:

New Members since Midterm Report:

Name:

Email address:

Leso Veruscka

veruscka.leso@gmail.com

Members who left the SC since Midterm Report:

Name:

Email address:

Thank you for completing this form.