



ALMA MATER STUDIORUM
UNIVERSITA DI BOLOGNA
DIPARTIMENTO DI SCIENZE MEDICHE VETERINARIE



UNIMORE



A.I.S.E.T.O.V.



FESTEM

AISETOV 2018

Italian Association for the Study of Trace Elements in Living Organisms

Annual Conference

*The role of trace elements in health: from healthy environments
to healthy living organisms*

Ozzano Emilia, Bologna, October 12, 2018



Friday 12th October 2018

**Department of Veterinary Medical Sciences DIMEVET– *Alma Mater Studiorum*, University of
Bologna,
Via Tolara di sopra, 50 – 40064 Ozzano Emilia, Bologna**

Final Program

08.30-09.30 Participants arrival and registration

Welcome address and meeting opening

09.00-09.30 Welcome address, Giuliano Bettini, Director of DIMEVET
Meeting opening, Paola Borella, Marco Vinceti

09.30-11.00 Session I – Room Gherardini

Chairpersons: Emilio Carpenè and Laura Chiarantini

09.30-10.00 O-01 *Gastropod metallothioneins*
Reinhard Dallinger

10.00-10.20 O-02 *The exhausting of metallothionein responses in the bivalve mollusks depending on the tense of exposure*
Oksana Stoliar

10.20-10.40 O-03 *Involvement of different protein thiol groups in cadmium toxicity on hemoproteins*
Giancarlo Falcioni

10.40-11.00 O-04 *Trace metals and metal-binding proteins in seaweeds and cyanobacteria used as nutritional supplement*
Enea Ferlizza

11.00-11.30 Coffee break

11.30-12.50 Session II – Room Gherardini

Chairpersons: Giancarlo Falcioni and Gloria Isani

11.30-11.50 O-05 *Bioremediation of contaminated soil: from in vitro to field model*
Margherita Ferrante

11.50-12.10 O-06 *Evaluation of Pb and Hg levels in wild migratory water-birds nesting in different areas of Po Delta*
Alessandro Guerrini

12.10-12.30 O-07 *Bacteria-produced ferric exopolysaccharide nanoparticles to improve the *Tuber borchii* mycorrhized plants performance*
Laura Chiarantini

12.30-12.50 O-08 *Severe inflammations related to ketosis during transition period affect the plasmatic concentrations of Zn and Se in dairy cows*
Fiorenzo Piccioli Cappelli

12.50-14.30 Lunch and Poster Session

14.00-14.30 AISETOV member meeting – Room Gherardini

14.30-16.30 Session III – Room Gherardini

Chairpersons: Paola Borella and Marco Vinceti

14:30-14:50 O-09 *Metal/metalloid levels in cerebrospinal fluid in the bulbar- and spinal-onset amyotrophic lateral sclerosis*
Maria Fiore

14.50-15.10 O-10 *Study of attentional disorders (unilateral spatial neglect) induced in school children exposed to environmental pollution in the Drâa Lasfer mining zone of the city of Marrakech*
Sama Maidoumi

15.10-15.30 O-11 *Mercury in hair of children: effects on neurological performances*
Anna Pino

15.30-15.50 O-12 *Lead exposure in children: an update on health effects*
Paola Borella

15.50-16.10 O-13 *Analysis of intracellular Zn-hydroxyapatite nucleation in the early stages of human osteogenic differentiation combining synchrotron-based and diffraction techniques*
Alessandra Procopio

16:10-16:30 O-14 *Trace elements in “unconventional food”*
Emilio Carpenè

16.30-17.00 Closing remarks

Organizing Committee

Gloria Isani (President), University of Bologna

Giulia Andreani, University of Bologna

Emilio Carpenè, University of Bologna

Tommaso Filippini, University of Modena and Reggio Emilia

Paola Roncada, University of Bologna

Scientific Committee

Alessandro Alimonti, National Institute of Health, Rome

Annalisa Bargellini, University of Modena and Reggio Emilia

Paola Borella, University of Modena and Reggio Emilia

Simona Catalani, University of Brescia

Giancarlo Falcioni, University of Camerino

Margherita Ferrante, University of Catania

Gloria Isani, University of Bologna

Fiorenzo Piccioli Cappelli, Catholic University of Sacred Heart

Marco Vinceti, University of Modena and Reggio Emilia

For more information, please contact

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How to reach the meeting:

By train: you can reach Ozzano by train in 12-15 min, starting from Bologna Centrale railway station (www.trenitalia.com). The Ozzano railway station is two km far from the Faculty.

By bus (number 101): the bus station is very close to the Bologna Centrale railway station. For the bus stop in Ozzano, ask for “Medicina Veterinaria”.

By car: it is easy to reach the “Via Emilia” road; be careful to catch the right entrance, two alternatives are indicated in yellow and blue.

