



Università
degli Studi
di Ferrara



IAS International Workshop

PM Oxidative Potential: response of acellular assays to predict PM-induced oxidative stress activity

Wednesday 3 July 2019

Aula D6 – Aula Acquario
Polo Chimico Bio Medico (Mammut)
Via Fossato di Mortara, 15

Organising Committee:

University of Ferrara, Department of Chemical and Pharmaceutical Sciences

Maria Chiara Pietrogrande –Mara Russo –Elisa Zagatti

Italian Aerosol Society

Carole Lecerf

Scientific Committee:

Daniele Contini – ISAC-CNR, Lecce

Stefano Decesari– ISAC-CNR, Bologna

Maria Rachele Guascito – University of Salento

Maria Chiara Pietrogrande – University of Ferrara



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response of acellular assays to predict PM-induced oxidative stress activity

Program

9.30 – 10. 15: registration and welcome coffee break: Aula acquario

Lectures: Aula D6

10.15: Opening session

10.30: Review of acellular assays for measuring ambient PM oxidative potential.

S. Canepari (University of Rome)

11.15: PM-induced oxidative potential with particle chemical composition and sources: results from 3 year measurements in Athens, Greece.

N. Mihalopoulos (University of Crete)

12.00: PM induces tissue “OxInflammation”: from mechanism to damage.

G. Valacchi (North Caroline State University)

13 – 14: Lunch and poster session: Aula acquario

Lectures: Aula D6

14.00: Relevance of oxidative potential in predicting PM toxicity.

J. Øvrevik (Norwegian Institute of Public Health/ University of Oslo)

14.45: Review of ambient PM oxidative potential measured in Italy with acellular assays

M.C. Pietrogrande (University of Ferrara)

15.30: Round table. Final discussion session chaired by C. Perrino (National Research Council, Rome)

16.30: Closing session