



DA VENIAM SCRIPTIS QUORUM NON GLORIA NOBIS
CAUSA, SED UTILITAS OFFICIUMQUE FUIT

RAMAZZINI DAYS

October 23 - 26, 2025



DA VENIAM SCRIPTIS QUORUM NON GLORIA NOBIS
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RAMAZZINI DAYS 2025
23 - 26 OCTOBER
CARPI, ITALY

INFORMATION PACKET

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RAMAZZINI DAYS 2025

DAILY EVENT KEY TIMES

THURSDAY 23 OCTOBER

16:30 Bus Bologna Autostazione to Hotel Carpi and Hotel Touring
19:30 - 22:00 Evening welcome aperitivo for Collegium Fellows at the Hotel Touring

FRIDAY 24 OCTOBER

SCIENTIFIC CONFERENCE DAY 1

San Rocco
8:00 - 8:30 Poster delivery & placement
8:30 - 11:00 Scientific sessions
13:00 - 14:00 Lunch
14:30 - 17:30 Scientific sessions

The Hotel Touring
19:30 Dinner

SATURDAY 25 OCTOBER

COUNCIL OF FELLOWS MEETING / SCIENTIFIC CONFERENCE DAY 2 / RAMAZZINI AWARDS

Sala del Consiglio Comune di Carpi
9:30 - 12:30 Council of Fellows - Sala del Consiglio

The Hotel Touring
13:00 - 14:00 Lunch

San Rocco
14:30 - 17:00 Scientific sessions
18:30 - 19:30 Ramazzini Awards

The Hotel Touring
20:00 - 22:30 Ramazzini gala dinner

SUNDAY 26 OCTOBER

SCIENTIFIC CONFERENCE DAY 3 / COLLEGIUM RAMAZZINI COMMITTEE MEETINGS

San Rocco
9:00 - 12:15 Scientific sessions
12:15 - 13:00 Collegium Ramazzini Committee meetings

The Hotel Touring
13:00 - 14:00 Lunch
15:00 Bus to Bologna Autostazione

RAMAZZINI DAYS 2025

SCIENTIFIC PROGRAM DAILY SCHEDULE

FRIDAY

8:30 – 8:45 Intro and Welcome

9:00 – 10:00 Scientific Session I - Work of the Fellows
Co-chairs: Seong-Kyu Kang, South Korea; Monica Nordberg, Sweden

Redefining priorities: How occupational heat stress and extended hours transform women workers' social and family time, Vidhya Venugopal, India

Occupational justice: A new framework for advancing equity in occupational health, Yonah Amster, Israel

Pulmonary function-visit-to-visit-variability: A mortality risk factor in a fire department occupational World Trade Center cohort and a Rotterdam Community cohort, David Prezant, USA

Utility of metal biomonitoring in military populations with traumatic injuries, Joanna Gaitens, USA

10:15 – 11:00 Scientific Session II -- Posters
Co-chairs: Sashikala Chandrasekar, India; Dingani Moyo, Zimbabwe; Chris Portier, Switzerland

The following posters will be attended

Occupational solar ultraviolet exposure and melanoma risk: A case-control study in an Italian clinical setting, Davide Bergonzini, Italy

Climate crisis and health and the role of occupational health: Updates from international negotiations, and opportunities for the Collegium Ramazzini, Kurt Straif, USA

Occupational contact dermatitis: Estimated incidence vs. official INAIL reporting data in Italy, Rebecca Gasparini, Italy

Temperature and perinatal death: A nationwide time-stratified case-crossover study in Taiwan, Pau-Chung Chen, Taiwan

Southern California Superfund Research Training Program on emerging environmental exposures and work practices for nanomaterials and electronic products, Oladele Ogunseitan



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Assessment of lead (Pb) and carbon dioxide (CO₂) emissions from vehicles in urban air and the impact on health in exposed populations in Albania (2021-2024), Elida Mataj, Albania

Dynamics of value and power: Organization of the informal e-waste sector in Ghana and its health impacts, Johanna Elbel, France

Emerging occupational risk scenarios in the automotive sector driven by the rise of electric mobility, Dagllas Alushi, Italy

11:00 – 11:30

Coffee break

11:45 – 12:45

Scientific Session III - New Approach Methodologies (NAMs) for protecting human and ecosystems health

Co-chairs: John Bucher, USA; Davide Degli Esposti, France

Connecting molecular signals and (eco)toxicological effects: Endocrine disruption in animal models as a case study, Davide Degli Esposti, France

From replacement to relevance: A historical perspective on the evolution and integration of new approach methodologies (NAMs), Casey Warren, USA

Evaluate mechanistic studies by key characteristics of carcinogens: Using a novel quantitative approach and a comprehensive assay database, Luoping Zhang, USA

13:00 – 14:00

Lunch

14:30 – 16:30

Scientific Session IV - Still leaded: Global efforts and challenges in tackling childhood lead poisoning in low and middle-income countries

Co-chairs: Casey Bartrem, USA; Carlos Santos-Burgoa, USA

Advancing the lead agenda, private institutional capture, under a constrained cultural, economic, and political context, Carlos Santos-Burgoa, USA

The enduring legacy of lead poisoning, Bruce Lanphear, Canada

Soil to consumer-products: Lead exposure assessment and risk reduction in former smelter community of Shymkent, Kazakhstan, Marina Steiner, USA

Ethical implications of mineral extraction in relation to children's health in Kabwe, Zambia, Stephan Böse-O'Reilly, Germany

From research to action: Catalyzing new research that accelerates efforts to eliminate unsafe used lead-acid battery (ULAB) recycling practices, Hirushan Thayalan, Canada

16:45 – 17:30**Scientific Session V- Posters (continued)**

Co-chairs: Sashikala Chandrasekar, India; Dingani Moyo, Zimbabwe; Chris Portier, Switzerland

The following posters will be attended

MicroRNA profile in the exhaled breath condensate: A biomarker of past exposure to asbestos and asbestos-related interstitial lung diseases?, Pierluigi Cocco, The United Kingdom

History of asbestos-related preventive measures and asbestos ban in Germany, Xaver Bauer, Germany

Decreasing counts of occupational diseases in the Czech Republic and unexpected serious accident involving benzene, Daniela Pelclova, The Czech Republic

Bridging the gap: Incorporating occupational exposure into exposome science for better disease prevention, Roberto Lucchini, Italy

Domestic asbestos exposure from drinking water in Emilia-Romagna, Elia Lettucci, Italy

10 years of outstanding adherence and yield of screening for occupational lung cancer, 2014-2024, Steven Markowitz, USA

Impact of secondary prevention in the Building Trades National Medical Screening Program, Knut Ringen, USA

Concerns related to violence and job satisfaction among emergency care professionals, Matteo Silvestri, Italy

SATURDAY**14:30 – 15:30****Scientific Session VI - Ramazzini Institute Research Update**

Co-chairs: Philip Landrigan, USA; Danieli Mandrioli, Italy

The translational value of the Cesare Maltoni Cancer Research Center bioassays for human health, Daniele Mandrioli, Italy

The SPRINT Project: Evidence from epidemiological and toxicological studies on multiple pesticides exposures, Simona Panzacchi, Italy

Global Glyphosate Study: Neurobehavioral effects in Sprague-Dawley rats exposed long-term from prenatal life to glyphosate and glyphosate-based herbicides, Ilaria Menghetti, Italy



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15:45 – 17:00

Scientific Session VII - Work of the Fellows

Co-chairs: Anders Englund, Sweden; Amalia Laborde Garcia, Uruguay

Hepatitis B serology testing and vaccine campaign for Gambian health workers: Pilot results and plans for a national scale-up, Melissa McDiarmid, USA

Outdoor workers: Occupational safety and health risks in the climate change era, Alberto Modenese, Italy

Interdisciplinary and experiential education in occupational safety and health, Mitchel Rosen, USA

Environmental origin of breast cancer, Lizbeth López-Carrillo, Mexico

Successes and next steps: Meetings in Tirana and Munich supported by the Collegium. Stephan Böse-O'Reilly, Germany; Melissa Perry, USA

SUNDAY

9:00 – 10:00

Scientific Session VIII - Fluoride: A developmental neurotoxicant

Co-chairs: Linda Birnbaum, USA; Florencia Harari, Sweden

Pathogenesis of fluoride-induced IQ loss: Two possible mechanisms at different developmental stages, Charles Vyvyan Howard, The United Kingdom

Early and ignored signs of fluoride toxicity, Philippe Grandjean, Denmark

Systematic review and meta-analysis of fluoride exposures and children's cognitive neurodevelopment, John Bucher, USA

The end of fluoridation? Bruce Lanphear, Canada

10:15 – 11:00

Scientific Session IX- Posters (continued)

Co-chairs: Sashikala Chandrasekar, India; Dingani Moyo, Zimbabwe; Chris Portier, Switzerland

The following posters will be attended

Occupational health and safety hazards and mitigation in blast furnace reconstruction of operational steel plant, Krishna Nirmalya Sen, India

Aggregate exposure to pesticides measured by wristbands and biomonitoring: Preliminary results from the SPRINT study, Paul Scheepers, The Netherlands

Occupational exposure to ionizing radiation of aircrew during commercial flights and space missions, Mitia Stiscia, Italy

Leveraging low-cost sensors for monitoring air quality in a mega-city in sub-Saharan Africa (SSA): Insights and lessons learned, Adetoun Mustafa, Nigeria

Raising awareness of occupational health and safety through theatre: An Italian academic initiative of public engagement, Allesandra D'Alterio, Italy

Road map for reducing human exposure to toxic metals: Outcomes from the 2025 Munich Symposium, Stephan Böse-O'Reilly, Germany

International comparative analysis of public health regulatory institutions, Carlos Santos-Burgoa, USA

11:15 – 12:15

Scientific Session X -- Work of the Fellows

Co-chairs: Carl Cranor, USA; Ana Soto, USA

Neonicotinoid pesticides: Developmental neurotoxicity evidence and the regulatory landscape, Jennifer Sass, USA

Environmental risk factors and risk of early onset dementia in the Modena province, Northern Italy, Tomaso Filippini, Italy

Increasing pediatric cancer risks in the age of clean energy: What is your excuse - antimony, gold or arsenic?, Margrit Von Braun, USA

12:15 – 13:00

Collegium Ramazzini Committee meetings



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Background

Hepatitis B infection is a significant global health threat contributing to health worker (HW) harm, threatening already precarious health systems. Although the prevalence of hepatitis B in the general Gambian population is high (~10%), vaccination of HWs for hepatitis B has not been a standard practice, due, in part, to a history of infant vaccination programs that began in the late 1980s. However, concerns about incomplete vaccine coverage, lack of records and possible waning vaccine immunity drove a pilot assessment of serology testing for high risk for blood and body fluid exposed HWs at the main teaching hospital in Banjul.

Methods/Approach

Serology testing was performed using rapid response, point-of-care tests to determine the HW hepatitis B surface antigen and antibody status. 70 HWs from laboratory services, labor and delivery, surgery and the dialysis unit participated in this pilot study.

Results

Testing revealed 3 participants of 70 (4.3%) tested positive for hepatitis B antigen, thus were already infected with the virus. 42 of the 70 (60%) had no protective hepatitis B antibody present and were vaccinated. These results indicated the need for systematic serology testing and vaccination, where needed, for the entire Gambian health workforce.

Conclusions and next steps

Planning for a national Scale-Up of serology testing and vaccination is presently underway. This presentation will discuss detailed results of the pilot study and planned operations and protocols trialed in the pilot, which will be used for the Scale-Up campaign. Implementation of serology testing and vaccine policies can help ensure that HWs are not lost to a vaccine-preventable disease. These efforts bolster preparedness and result in more resilient and secure health systems.

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Outdoor workers: Occupational safety and health risks in the climate change era

Presenter - Policy Discussion

Modenese Alberto

Alberto Modenese, MD, PhD, works as Professor of Occupational Medicine at the University of Modena and Reggio Emilia. His research focuses on health risks of occupational radiation exposure and has published >150 contributions in the OSH area (<https://orcid.org/0000-0002-0850-5615>). Professor Modenese serves as external Technical Advisor at the WHO Radiation and Health Unit. He is also the Chair of the ICOH Scientific Committee “Radiation and Work” and is an ICNIRP Commissioner.

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Background or Purpose

Outdoor workers (OW) are increasingly exposed to hazardous environmental conditions due to climate change. Prolonged exposure to solar ultraviolet radiation (UVR) significantly raises the risk of skin and eye diseases, while rising temperatures contribute to heat-related illnesses and fatalities. Additionally, extreme weather events—such as wildfires, storms, and floods—represent a growing threat to occupational safety.

Content

These risks not only result in acute injuries but also in chronic health outcomes. Long-term heat exposure is associated with cardiovascular and kidney diseases, while psychological disorders such as post-traumatic stress may affect survivors and rescuers of extreme events. Among chronic occupational diseases, cumulative UVR exposure is a major contributor, linked to conditions including ocular melanoma, cataracts, pterygium, and various skin cancers. Notably, non-melanoma skin cancers (NMSCs)—especially squamous and basal cell carcinomas—are, with actinic keratosis and photoaging, the most common occupational diseases linked to UVR. According to WHO and ILO estimates, 1.6 billion workers are exposed globally, with nearly 19,000 annual deaths and over 500,000 DALYs lost due to NMSCs.

Implications for addressing the issue

Climate change is redefining OSH challenges. Comprehensive, evidence-based strategies are essential to protect outdoor workers and ensure safe working environments under evolving environmental conditions.

Potential follow-up/actions

Given that OW constitute nearly half of the global workforce, urgent actions are needed. Key priorities include enhancing research on chronic heat and trauma-related conditions, improving disease burden estimates, strengthening disease reporting systems, and promoting inclusive preventive measures that cover OW in informal economies.

Emergency preparedness should also be reinforced to address the increasing frequency and severity of climate-related events.

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Interdisciplinary and experiential education in occupational safety and health

Presenter - Policy Discussion

Rosen Mitchel

Mitchel A. Rosen, PhD, is Director of the Center for Public Health Workforce Development and Associate Professor at the Rutgers School of Public Health. Dr. Rosen has developed a program with an international reputation for outstanding education and training in the areas of occupational and public health practice. Since 1988, he has managed the training of over 750,000 workers in occupational safety and health, environmental health, and public health education.

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