



International Meeting on Innovation Methods on Musculoskeletal Disorders (MSDs), Air Quality and research, nell'ottica One Health

19 Maggio 2026

Santa Panasia, Università di Enna "Kore"

Session 1 – 10.00 - Registration

Chair - Ermanno Vitale, Associate Professor of Occupational Medicine, University of Enna "Kore", Enna
Francesca Vella, Assistant Professor of Occupational Medicine, University of Enna "Kore", Enna

10.30 Jelena Reste, Associate Professor of Occupational Medicine, Riga Stradiņš University, Riga

Innovative methodologies for research on occupational musculoskeletal disorders

10. 40 Francesco Pegreff, Full Professor of Physical and Rehabilitation Medicine, University of Enna "Kore", Enna

Bianca Bacciulli and Mariantonietta Cusumano, Residents of Rehabilitation Medicine, University of Enna "Kore", Enna

Evaluation and clinical management of shoulder osteoarthritis in workers

10.50 Salvatore Lavallo, Assistant Professor of Radiologist, University of Enna "Kore", Enna

Shoulder evaluation strategies: imaging and ultrasound-guided injection technique

11.00 Arcangelo Russo, Assistant Professor of Orthopaedic surgery, University of Enna "Kore", Enna

Surgical Approaches to Upper Limb Diseases

11.10 Federico Mollame, PhD Student of Innovative Technologies in Biomedical Sciences, University of Enna "Kore", Enna

Vibration, Posture, and Artificial Intelligence: An Integrated IMU System for the Prevention of Musculoskeletal Disorders in Agricultural Tractor Operators

Discussions

Session 2 – 11.20

Chair - Vincenzo Restivo, Full Professor of Public Health, University of Enna "Kore", Enna

Salvatore Scondotto, Associate Professor of Public Health, University of Enna "Kore", Enna"

11.30 Zanna Martinsone, Assistant Professor and Lead Res. of Lab. of Hygiene and Occupational Diseases, Riga Stradiņš University, Riga

Air quality and health effects

11.40 Antonio Cristaldi, Associate Professor of Public Health, University of Enna "Kore", Enna

Potential oxidative and inflammatory effects of airborne PM2.5 on Olfactory Ensheathing Cells and SH-SY5Y cells

11.50 Veronica Filetti, Assistant Professor of Applied medical in Diagnostic, Assistance and Prevention, University of Enna "Kore", Enna

Non-coding RNA profiles associated with environmental fluoro-edenite exposure in lung cells

12.00 Davide Anzà, PhD Student of Innovative Technologies in Biomedical Sciences, University of Enna "Kore", Enna

Environmental pollutants and pediatric leukemia: analysis in a highly industrialized area"

12.10 Dalilla Sciacca and Rossella Rizzo, Residents of Public Health, University of Enna "Kore", Enna

National complementary investment plan (PNC)

12.20 Tamar Gvazava, Assistant Professor of Epidemiology and Public Health, European University, Tblisi, Georgia

From Exposure to Evidence: Study Design in Air Pollution and Health Research

Discussions

Conclusions

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Comitato Organizzativo: Roberta Malaguarnera, Ermanno Vitale, Vincenzo Restivo, Francesca Vella, Veronica Filetti