

Horizon Europe Health&SSH Brokerage Event



Name | CoEHAR – University of
Catania

Country | Catania, Italy

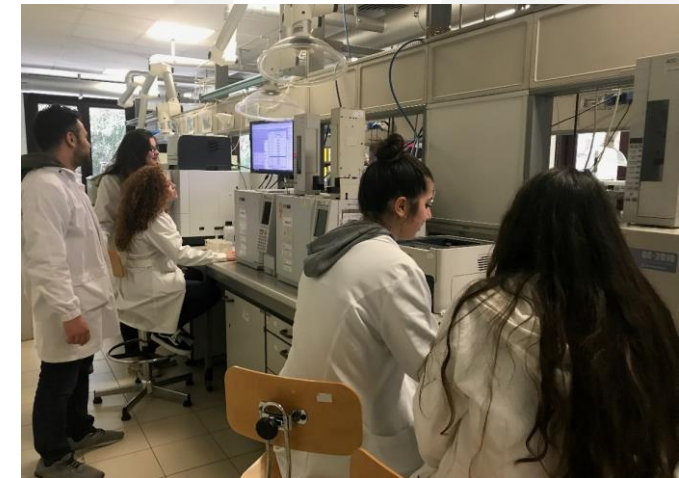
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Project: 101057279 – HNN3.0

5 June 2023
Pitching Session

A unique multi-disciplinary
research program
promoting high quality research
for harm reduction science



www.healthncp.net

- to engage locally, nationally, and globally in research that may substantiate risk reduction, harm reversal and health promotion, with a special focus on **tobacco harm reduction**
- to act as a **hub for the global coordination** of:
 - scientific research projects and training
 - development of innovative technologies
 - consolidation and networking of existing research sites (particularly in LMIC)
 - other strategic activities including stakeholder engagement, outreach, and communication
- to support **capacity strengthening** (particularly in LMIC)
- to adhere to **Open Science** principles and practices



Multi-center randomized trial evaluating changes in CV risk factors and metabolic parameters in diabetic smokers who switch to combustion-free nicotine products



AIM

- To show reduction in CV risk factors in smokers with T2DM who abstain from smoking by switching to combustion-free products vs. T2DM patients who continue to smoke
- To assess improvements in functional/metabolic parameters
- To evaluate adverse events and products tolerability

Vaping Effects: Real-world International Surveillance

The (VERITAS) cohort

A multi-country, cohort study of daily vapers with very limited smoking history



Study involving > 500 participants from countries around the world, to determine long term health effects and changes of specific behaviours in vapers who have never smoked in their life.

If there is no detectable risk, it would be useful to demonstrate that. If there is a risk, it would be useful to discover it so vapers and possible future vapers can make a properly informed decision about whether to vape or not.

<https://veritascohort.coehar.org>

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Multi-center randomized switching trial evaluating changes in oral health outcomes in smokers who switch to C-F NDS compared to continuing smoking and never smokers



Recruitment in 4 sites:

- Italy (Catania)
- Indonesia (Bandung)
- Poland (Warsaw)
- Moldova (Chisinau)

AIM

- To show reduction in periodontal risk factors (gingivitis, dental plaque) in smokers who abstain from smoking by switching to CF-NDS vs. those who continue to smoke
- To assess improvements in oral health and aesthetic appearance as well
- To evaluate adverse events and CF NDS tolerability

Replication Studies

ENSURING VALIDITY OF PUBLISHED DATA



Seven laboratories in Indonesia, Oman, Russia, Serbia, Greece, Italy and USA will re-test industry data (cytotoxicity, mutagenicity, genotoxicity) to verify the harm reduction potential of combustion-free nicotine delivery technologies

Goals

- Establishing top quality THR laboratory capacity network (including LMIC)
- Replication of published work on combustion-free nicotine delivery technologies by tobacco industry (focus on findings of *in vitro* studies)
- Publication of laboratory standards for cytotoxicity, oxidative stress, inflammatory endpoints, mutagenesis and genotoxicity for tobacco/nicotine products



Living Systematic Reviews to summarize the evidence on the impact of e-cigarette use on human health, with a focus on:

- Cardiovascular health
- Respiratory health
- Weight management

Goals

- Conduct high quality SR & metaanalyses on key THR health related themes
- Integrate innovative methodology to increase robustness/reliability of results
- Train young researchers to conduct SR & metaanalyses
- Publication of LSR protocols / findings on cardiopulmonary health & weight management





Thank you

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