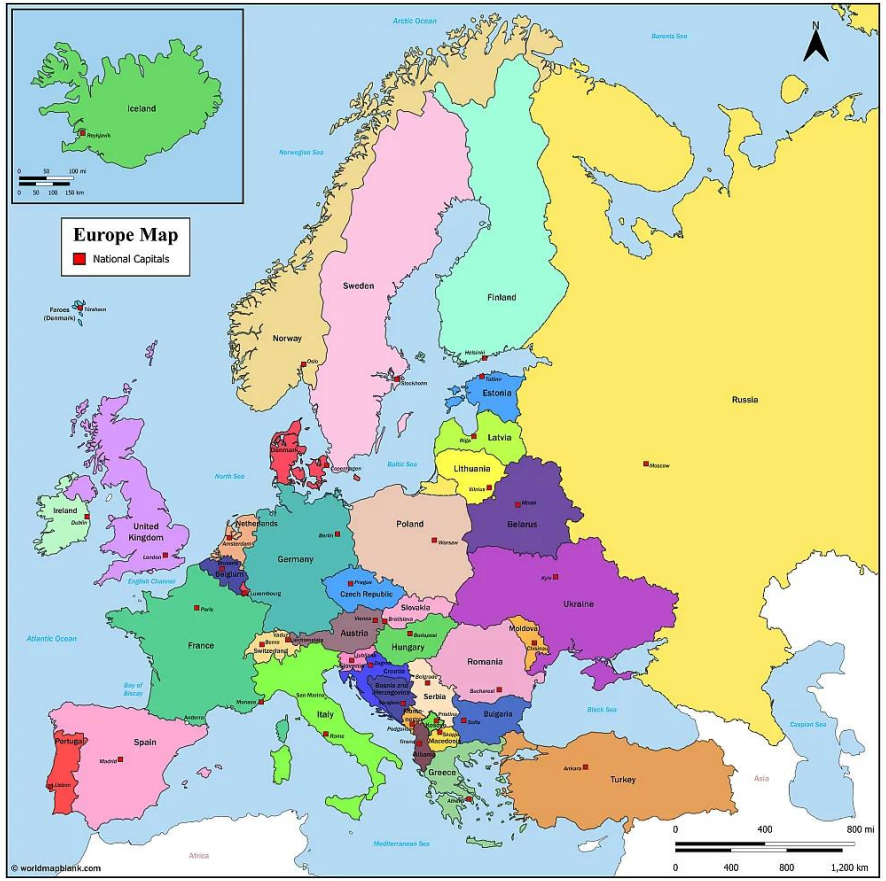


MSCA-GLOPOL ASEAN Webinar

Dr. Radu Ionescu

Estonian University of Life Sciences

Estonia



- Population: 1.370.000 inhabitants (2026)
- Surface: 45.339 km2
- Ethnic groups:
  - Estonians: 70%
  - Russians: 23%
  - Other: 7%
- Independence: 20.08.1991
- Joined EU: 1.05.2004

Tartu





EMU







Coordinated projects with participation of ASEAN partners



1) HORIZON-MSCA-2021-SE-01: “VOLATEVS”

2) HORIZON-MSCA-2022-SE-01: “ARTVOC”

1) HORIZON-MSCA-2022-SE-01: “VOLATEVS”

- Title: “Analysis of the volatile organic compounds emitted by extracellular vesicles for disease diagnosi“
- Objective: Investigate the potential of analysing the volatile organic compounds (VOCs) emitted by extracellular vesicles (EVs) as an innovative approach for disease diagnostic
- Duration: 1/11/2022 – 31/10/2026 (4 years)
- Funding: 1.025.800 €
- Reference no.: 101086360

1) HORIZON-MSCA-2022-SE-01: “VOLATEVS”

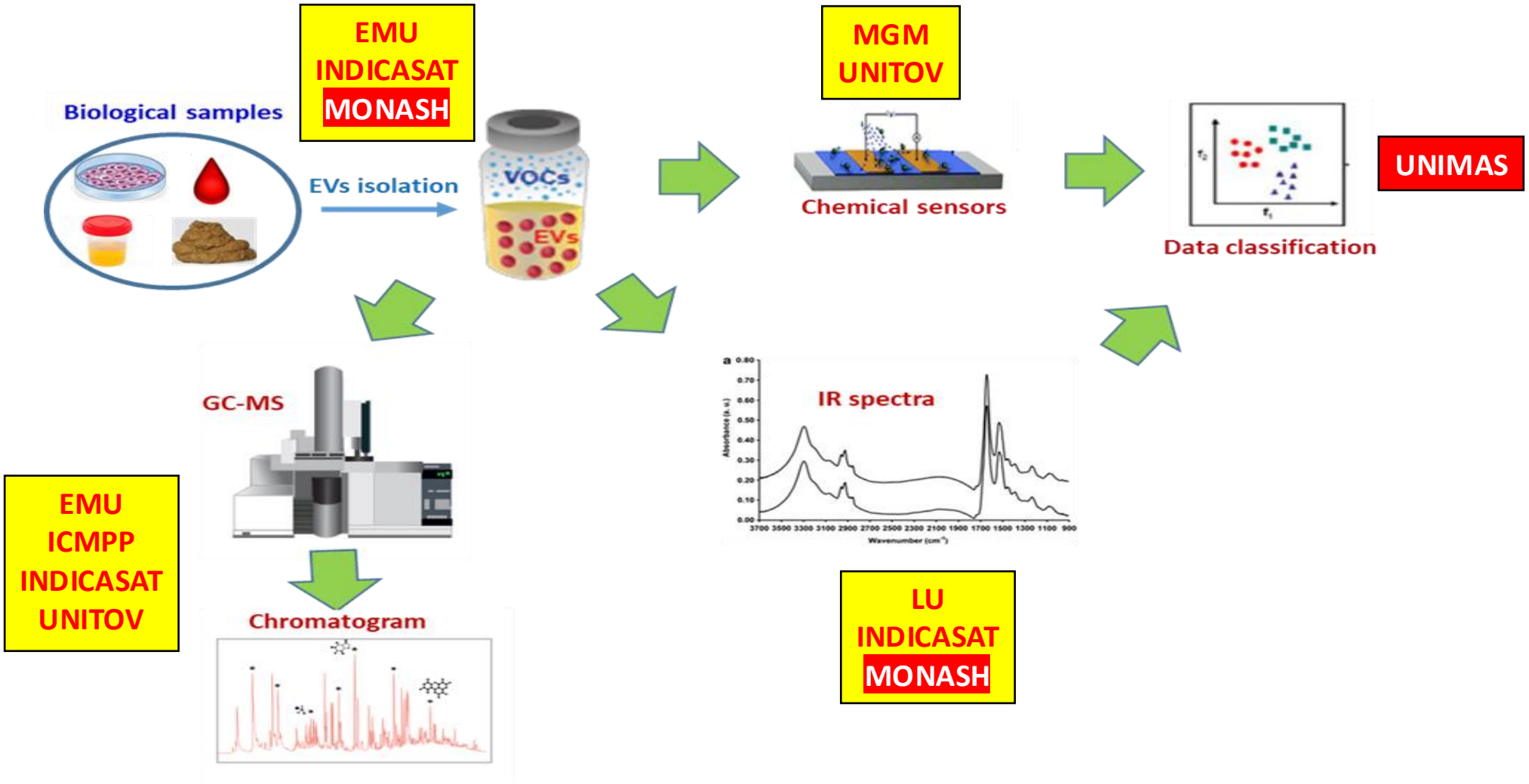
- Partners:
  1. Estonian University of Life Sciences (EMU) – ESTONIA (**Coordinator: Dr. Radu Ionescu**)
  2. Tor Vergata University of Rome (UNITOV) – ITALY
  3. Petru Poni Institute of Macromolecular Chemistry (ICMPP) – ROMANIA
  4. Lund University (LU) – SWEDEN
  5. SC MGM Star Construct SRL (MGM) – ROMANIA
  6. Institute of Scientific Research and High Technology Services (INDICASAT) – PANAMA
  7. **Monash University Malaysia (MONASH) – MALAYSIA**
  8. **Universiti Malaysia Sarawak (UNIMAS) – MALAYSIA**

1) HORIZON-MSCA-2022-SE-01: “VOLATEVS”



1) HORIZON-MSCA-2022-SE-01: “VOLATEVS”

Project workflow



2) HORIZON-MSCA-2022-SE-01: “ARTVOC”

- Title: “Volatolomic approaches for improving success rates in assisted reproductive technology“
- Objective: Assessing volatolomic techniques for the non-invasive assessment of embryos quality in order to select the most viable ones for transfer
- Duration: 1/10/2023 – 30/09/2027 (4 years)
- Funding: 1.495.000 €
- Reference no.: 101131151

2) HORIZON-MSCA-2022-SE-01: “ARTVOC”

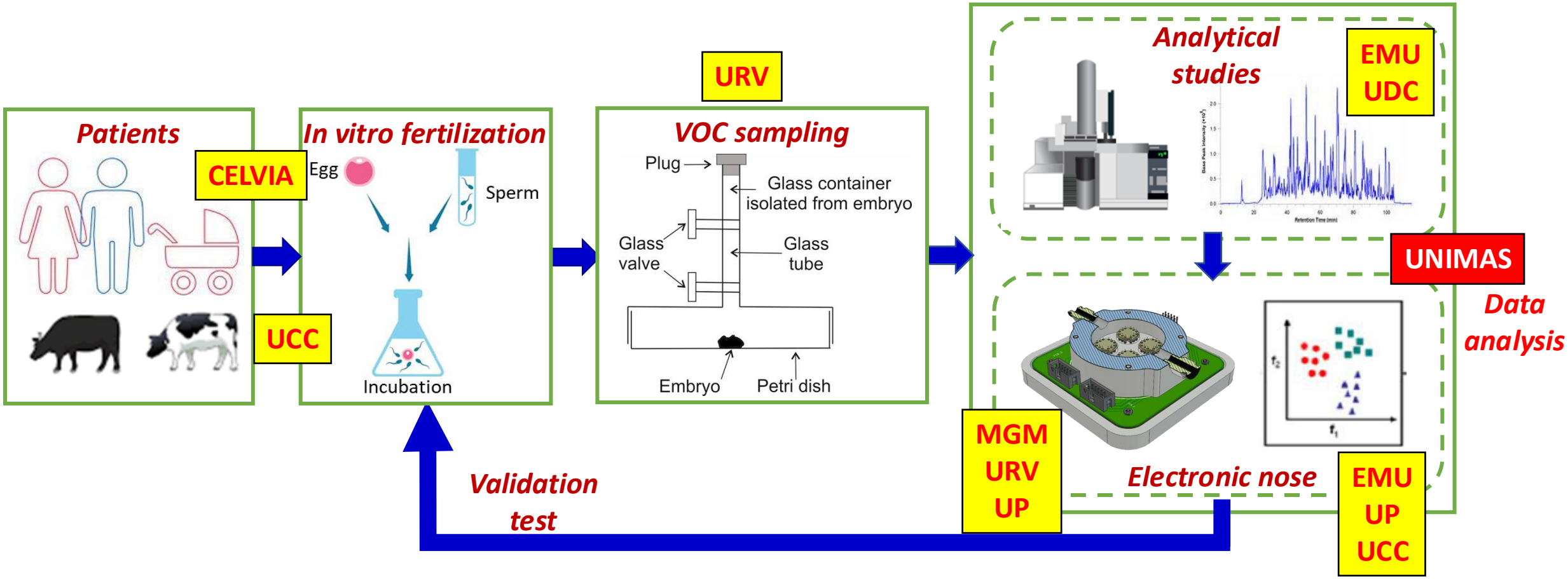
- Partners:
  1. Estonian University of Life Sciences (EMU) – ESTONIA (**Coordinator: Dr. Radu Ionescu**)
  2. Competence Centre on Health Technologies (CELVIA) – ESTONIA
  3. University Rovia i Virgili (URV) – SPAIN
  4. MGM Star Construct SRL (MGM) – ROMANIA
  5. Universidad de Caldas (UDC) – COLOMBIA
  6. Universidad de Pamplona (UP) – COLOMBIA
  7. Universidad Cooperativa de Colombia (UCC) – COLOMBIA
  8. **Universiti Malaysia Sarawak (UNIMAS) – MALAYSIA**

2) HORIZON-MSCA-2022-SE-01: “ARTVOC”



2) HORIZON-MSCA-2022-SE-01: “ARTVOC”

Project workflow



How the partners were identified

- Previous employer
- Previous collaboration
- **Publications (Malaysian partners)**

Path to become a coordinator

- Work in different EU/AC
  - Spain (Rovira i Virgili University)
  - Italy (University Mediterranea of Reggio Calabria)
  - Sweden (Uppsala University)
  - Israel (Technion)
- Coordinated projects in H2020-MSCA
  - TROPSENSE (1/02/2015 – 31/01/2018)
  - bTB-Test (1/01/2018 – 31/12/2021)

Impact and key outcomes

- Joint publications
  - Analytical and Bioanalytical Chemistry
  - Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy
  - Talanta
- Development of software used in other research projects
- Visibility
  - UNIMAS events: Participation of the Ministry of Women, Early Childhood and Community Wellbeing Development of the State of Sarawak, Malaysia
  - MONASH events: Participation of Romanian Ambassador in Malaysia

Reflections on partner selection, collaboration management, and engagement with international partners

- Excellent scientific collaboration
- Hard working partners
- Engage in other projects
- Some administrative difficulties (I need to write letters to explain administrative aspects to university authorities)
- Panama case:
  - Eligible at the moment of project submission
  - Eligible at the moment of project selection
  - Not eligible during GA preparation
  - Exceptional funding

Secondment stories











Secondment stories







