

## **The Education, Scholarships, Apprenticeships and Youth Entrepreneurship**

### **F-SEE-117/12.2018**

Project No: SEE 21-COP-0049

Project title: Strategic interuniversity cooperation to improve research abilities for PhD. Students for higher educational quality

Event host organization: Universitatea de Medicină și Farmacie "Iuliu Hațieganu" Cluj-Napoca and Oslo University Hospital.

Place: Online

### **Workshop on non-coding RNA – Agenda.**

**Date: 11 May 2023**

**Duration: 3 hours (10:00 AM - 1:00 PM)**

#### **10:00 AM - 10:15 AM: Registration and Welcome**

- Registration of participants
- Distribution of workshop materials
- Welcome address and introduction to the workshop

#### **10:15 AM - 10:45 AM: Session 1 - Understanding Non-Coding RNA Basics**

- Overview of RNA types: Coding vs. Non-Coding
- Importance and functions of Non-Coding RNA
- Types of Non-Coding RNA: microRNA, long non-coding RNA, etc.

#### **10:45 AM - 11:15 AM: Session 2 - Experimental Techniques in Non-Coding RNA Research**

- Overview of experimental techniques (RNA-Seq, microarrays, etc.)
- Practical insights into sample preparation and analysis
- Case studies illustrating successful applications of experimental techniques

#### **11:15 AM - 11:30 AM: Coffee Break**

- Networking opportunity
- Informal discussions with fellow participants

#### **11:30 AM - 12:00 PM: Session 3 - Non-Coding RNA and Human Diseases**

- The role of Non-Coding RNA in various diseases

- Examples of Non-Coding RNA involvement in cancer, neurodegenerative diseases, etc.
- Potential therapeutic implications and ongoing research

**12:00 PM - 12:30 PM: Session 4 - Bioinformatics Tools for Non-Coding RNA Analysis**

- Introduction to bioinformatics tools and databases
- Hands-on demonstration of using tools for Non-Coding RNA analysis
- Tips for effective data interpretation and analysis

**12:30 PM - 12:45 PM: Q&A Session**

- Open floor for participants to ask questions
- Panel discussion with workshop presenters

**12:45 PM - 1:00 PM: Closing Remarks and Networking**

- Recap of key workshop insights
- Thanking participants, presenters, and sponsors
- Opportunity for additional networking and discussions

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