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HORIZON-WIDERA 2023-ACCESS  
02-01-Twinning Bottom-Up  
Project No. 101158832

# **Twinning to Skyrocket Scientific Excellence Towards Individual Radiosensitivity Prediction by Raising the Bar in Knowledge Transfer, Networking, and Technological Innovation in Radiobiology**

## **RadExIORSBoost Project Training PROGRAMME**

### **“Genotoxicity testing *in vitro* and in humans”**

**Vienna 25-26<sup>th</sup> June 2025**

**Center for Cancer Research, Medical University of  
Vienna, Borschkegasse 8a, 1090 Vienna, Austria**





## 25<sup>th</sup> June 2025

|                      |                                                                                             |
|----------------------|---------------------------------------------------------------------------------------------|
| 9:30-10:30           | An introduction to the Comet assay - Miroslav Mišík                                         |
| 10:30-11:30          | Human Intervention Studies: Strategies, Pitfalls and Key Considerations<br>- Franziska Ferk |
| 11:30-12:30          | How to write a scientific publication - Siegfried Knasmueller                               |
| <b>12:30 – 13:30</b> | <b>Lunch</b>                                                                                |
| 14:00-14:20          | Genotoxicity and carcinogenicity studies (overview) Siegfried Knasmueller                   |
| 14:20-14:35          | Micronucleus assays <i>in vitro</i> (OECD guideline #487) - Miroslav Mišík                  |
| 14:35-14:50          | Micronucleus experiments with humans - Armen Nersesyan                                      |
| <b>14:50-15:30</b>   | <b>Concluding remarks and discussion</b>                                                    |
| <b>19:00</b>         | <b>Dinner</b>                                                                               |

## 26<sup>th</sup> June 2025

|                      |                                                                                         |
|----------------------|-----------------------------------------------------------------------------------------|
| 9:00-12:30           | Practical training - Miroslav Mišík / Franziska Ferk / Gerald Timelthaler / Aysan Yahya |
| <b>12:30 – 13:30</b> | <b>Lunch break</b>                                                                      |
| 13:30-15:00          | Practical training/discussion - Miroslav Mišík / Franziska Ferk                         |
| <b>15:00 – 15:30</b> | <b>Concluding remarks</b>                                                               |