Report after completing RadoNorm course entitled: „CELET: Cellular effects of high and low LET Ionising radiation- Introduction to radiation biology“

I have successfully completed the *CELET: Cellular effects of high and low LET Ionising radiation- Introduction to radiation biology* course at the Stockholm University. It lasted two weeks from 13.11.2023 to 24.11.2023. I had the opportunity to work in the laboratory and attend a series of insightful lectures. During the two weeks of the course I have acquired a wealth of knowledge and valuable practical experience about the radiation related topics. I am a Data Science master student, therefore usually I do not have the possibility to learn these things. However, it is very important, since most of my projects contain medical datasets and my biggest project is radiation-related. It is imperative for a bioinformatician to have the knowledge on how the data were obtained.
The course included practical exercises related to the following experimental methods:

- Gamma-H2AX foci,
- Chromosomal aberrations and micronuclei,
- Fluorescence in situ hybridization (FISH),
- Basics in dosimetry of gamma radiation and radon.

At the end of the course, all groups were assigned a certain topic for the presentation. My group had to present the results from the Gamma-H2AX foci exercises. We gathered the data of all participants and presented the outcomes as well as some analyses performed on them. After finishing the course, I have obtained a certificate.
I am extremely glad I could participate in this course, as I learnt a lot and now I am more confident in my work.

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