

# F-5 SEMINAR



## CONDENSED MATTER PHYSICS



*Friday, December 8, 2023  
at 10:30 AM*

*in the seminar room of physics (room 106)  
Condensed Matter Physics, Jožef Stefan Institute*

***Dragomira Majhen, PhD***  
*Laboratory for Cell Biology and Signalling*  
*Division of Molecular Biology*  
*Ruđer Bošković Institute, Zagreb, Croatia*

## **Adenoviral vectors for gene transfer and vaccination**

The field of adenovirology is undergoing rapid change in response to increasing appreciation of the potential advantages of adenoviruses as the basis for new vaccines and as vectors for gene and cancer therapy. Substantial knowledge and understanding of adenoviruses at a molecular level has made their manipulation for use as vaccines and therapeutics relatively straightforward in comparison with other viral vectors. Very important milestone has been achieved when European Medicines Agency approved three adenovirus-based vector vaccines for use in humans. Adenovirus based vectors are studied in numerous cancer gene therapy clinical trials implying bright future of this approach also in cancer treatment.

***You are cordially invited to attend.***