

Department of Microelectronics and Biomedical Engineering

Artur Buzdugan, dr. habilitat Head of the Biomedical Engineering Programme

Chisinau, June, 2021

 (i) What are the wider implications of the area of research that you are working on?



Nanotechnologies and nanostructures, including for medical field. The use of nanotechnologies, nanostructures in different fields is on the rise. Especially in medicine. But there are no <u>complex studies</u> that would prove the safety of nanoparticles on health....

- (ii) How do you see issues of responsible science relating to your work?
- Young researchers are not focused on the possible change (e.g. double use) of the field of implementation of its results.
- They have near objectives liaisons with current implementations.
- Honestly, one cannot currently predict the dual use of many harmless technologies today. But over time, new ideas emerge, interfering between areas of research, which radically may change the situation.



(iii) Were there any additional topics that could have been covered in this online seminar series and why would it have been useful to cover them?

 I think not. At the initiation phase it is enough for young researchers. The seminars have achieved their goals

- (iv) Is there anything that the seminar team could do that would be useful to promote thinking about responsible science in the work of you and your colleagues?
- I believe that the unrestricted dissemination of lectures is enough to drive the thinking of the new researchers and engineers generation in this direction.

- Dear organizers, teachers, colleagues,
- The seminar had interesting and fully realized ideas.
 We understand that the topics approached have not started point and do not have an end.
- That is why the present idea of having a seminar cycle in this field must have a repeatability, at least once every 2 years, with inevitable updates, with interferences with new research fields, with new applications that are seen as double use, with new perceptions in society, in the field of research and innovation...

 Have a nice vacation, away from COVIDs or something similar...

Regards, Artur