

Report on the outcomes of a presentation and participation in a ITC Conference¹

Action number:

Grantee name:

Conference Details

Conference title: **11th International Colloids Conference**

Conference web-page: **<https://www.elsevier.com/events/conferences/international-colloids-conference>**

Conference venue²: **Lisbon, Portugal**

Conference start and end date: **12/06/2022 to 15/06/2022**

Accepted contribution details

Title of the presentation: **Detection of SARS-CoV-2 by Using IP2 Gated Silica Nanoparticles**

Type of the presentation: (oral/poster) **Poster**

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Other details of the presentation: specify here any additional details related to the contribution (e.g. title of the session / track of the conference programme in which the contribution is accepted)

Title of the session: Biomaterials, nano-medicines novel approaches to drug delivery and medical diagnostics

Outcome of the conference participation

¹ This report is submitted by the grantee to the Action MC for approval and for claiming payment of the awarded grant. The Grant Awarding Coordinator coordinates the evaluation of this report on behalf of the Action MC and instructs the GH for payment of the Grant.

² For an online conference, specify virtual participation; for hybrid conferences, specify whether it is an in-person or virtual participation.

Description of the outcome of the presentation of the accepted contribution, in terms of grantee's visibility, including the establishment of new contacts for future collaborations

As the name indicates, it was very valuable to make a presentation at the 11th International Colloids Conference under the name COST Action CA-17103. It was organized by Elsevier. It was a very high-quality conference. Besides being an international conference, it was a privilege to present my work there as a Ph.D. student. Competent institutions and people from all over the world were there. Talking to these professors, benefiting from their knowledge, and following their work have been very beneficial for me and my career. On the second day of the conference, I made my poster presentation. There were more than 200 posters at the conference. It was my second face-to-face presentation. How to make a Face-to-Face presentation and excitement control have added a lot to me. After the presentation, questions were asked, and then I had the opportunity to discuss and explain my poster with other students during the conference breaks. This sharing of information also gave a different perspective. This poster presentation I made was the preliminary data of our study. It was clear what we would do in the continuation of our work in the future, but I think that thanks to this symposium, it can shift to different points. We developed a test prototype for viral detection which is based on oligonucleotide hybridization. This test prototype can be modified for a different type of viral infections easily. We did not collaborate with other institutions. Because I was alone and a second-year Ph.D. student at an international conference, I could not arrange it. But it would have been very different if my supervisor had been there with me. The conference has been very beneficial for my current education and in line with my future career goals. In my thesis, we will develop a miRNA-targeted therapy for atherosclerosis. The design is almost the same as this project. The studies on these two subjects in this symposium also shed light on my future. Many thanks for this great opportunity.

Acknowledgement of inclusion of necessary supporting documents to claim the grant

I confirm that the following documents have been uploaded on e-COST as an integral part of this report:

- the certificate of conference attendance.
- the programme of the conference or book of abstracts / proceedings indicating the presentation (oral or poster) of the grantee.
- copy of the given presentation (oral or poster).