

## S6-1.4

# Bibliometric Analysis of the Nanotechnology Research Area in the Republic of Moldova

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A bibliometric analysis was performed to evaluate nanotechnology research area in the Republic of Moldova during ten years, 2009-2018. For comparative purposes, the results were benchmarked against the findings of Germany, France, USA, China, Japan, Romania, Russia, and Ukraine. In our research, it was found that the Republic of Moldova holds the first places in the world on two StatNano indicators: national priority and local share in nanoscience, and the fourth position in the world on the number of nano-articles per GDP. Investigations results show that Moldovan nanoscience is defined by a high level of share of international collaboration, the number of nano-articles per million people corresponds to the average figure worldwide and the medium citation per nano-article within the investigated countries is almost at the same level as for Japan. Study of collaboration patterns enables us to identify the active collaborative networks among the scientists from the Republic of Moldova and Germany, USA, Russia, France, Romania. Analysis of the total number of citations to nano-articles and *h*-index shows that the Moldovan nanotechnology scientific community needs to work on improving its research impact.