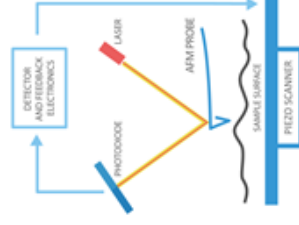




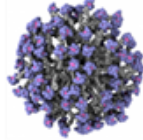
# Nanomechanical tool for characterization of breast cancer cells

## Short Term Scientific Mission (STSM)

My STSM experience in Basel was a great one!! spent a month there and during this time I learned a lot about atomic force microscopy (AFM) in general, as well as its innovative diagnostic use. Not only did I learn a lot about a new technique but this collaboration has also continued because AFM device I worked on is now present in our laboratory in Zagreb. This STSM enabled transfer of method and techniques. Aside from this, it was very nice to meet such kind and smart people and enjoy the beautiful city that is Basel! I would recommend this experience to anyone! I would also like to express my gratitude for this opportunity to the COST action CA17140 Nano2Clinic, my mentor Dr Ivana Vinkovic Vrcek and my hosts at Artidis Ag in Basel, primarily Dr Marko Loparic.



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COST ACTION CA 17140  
**NANO2CLINIC**  
CANCER NANOMEDICINE - FROM THE  
BENCH TO THE BEDSIDE

Purpose of this STSM was optimization of a new nanomechanical method for testing effects of different compounds and/or their mixtures on breast cancer cells. Results could help in development and optimization of nanomechanical method that enables a new nanotechnological platform for further testing of other potential nanodrugs or nanotheranostics for breast cancer and other carcinoma. These innovative diagnostic procedures could be of great benefit for citizens.

