

## The European Summit for Clinical Nanomedicine and Targeted Medicine 2015 – The Translation to Knowledge Based Medicine

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### Laboratory reports

The 8<sup>th</sup> conference and exhibition of The European Summit for Clinical Nanomedicine and Targeted Medicine was focused on the translation to knowledge based medicine. It took place on June 28 – July 1, 2015 in Basel, Switzerland in a nice venue of Congress Center right in the centre of Basel. It was attended by almost 500 people from more than 40 countries all over the world.

The meeting was very interdisciplinary, with sections regarding unsolved problems in medicine; targeted medicine; guidance for publishing; strategies for marketing; ethics or even the regulation environment for targeted medicine in different countries. The lecturers were experts in the field of nanomedicine, starting with Prof. Susumu Tonegawa, a Nobel Laureate in Physiology and Medicine for the discovery of the genetic mechanism that produces antibody diversity. Another presenting Nobel Laureate was Prof. Gerd Binnig, who received Nobel Prize in Physics for the invention of scanning tunnelling microscope. A total of 151 lectures in 5 parallel sections were presented, as well as 66 posters.

Our group presented poster dealing with Apoferritin modified with anti-PSMA antibodies for targeted delivery to prostate

cancer cells that was created with the financial support from Grant Agency of the Czech Republic (NANO-CHEMO GA CR 14-18344S). This poster showed a novel design for apoferritin nanocarrier able to target to various cancer cells using specific antibodies against cancer cell membrane receptors. In vitro assays using antigen-coated plate and prostate cancer and non-malignant cell line were performed in the presented experiment.

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### Attachment

Figure. 1.: Conference venue in Congress Center Basel. Presented poster.

