

New vaccine technology fights cancer in mice

Attana's customer at Copenhagen University has in the journal OncoImmunology published a study showing that their vaccine can prevent and fight breast cancer in mice.

A new vaccine technology that can assist the body's own immune system to fight breast cancer in mice is presented by researchers from Copenhagen University. They believe that the technology has huge potential if the effect is the same in humans as in mice.

The immune system has difficulties in distinguish between cancer cells and healthy cells. The researchers has changed this by using a virus like particle, to which an antigen (HER2) that is found on cancer cells is attached. This antigen loaded particle is injected in the body to stimulate the immune system. In the study Attana's technology has been used to analyze sera from mice to verify that the desired stimulation is achieved.

The entire publication can be found here:

<http://www.tandfonline.com/doi/abs/10.1080/2162402X.2017.1408749>

For more information, please contact:

Teodor Aastrup, CEO Attana AB
e-mail: teodor.aastrup@attana.com
tel: + 46 (0)8 41020000

Attana was founded in 2002 with the vision of *in-vitro* characterization of molecular interactions mimicking *in-vivo* conditions. Since then, Attana has developed proprietary label free biosensors for biochemical, crude, sera, and cell-based assays. Attana's products and research services are used by Big Pharma, biotech companies and academic institutions within the life sciences. To learn more about Attana's contract research services and our label free cell-based biosensors, please visit www.attana.com or contact sales@attana.com.