

# 7<sup>th</sup> WORLD CONGRESS ON BREAST CANCER

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## *Stefan Glück*

Celgene Corporation, USA

### **Immuno-oncology in breast cancer: early promise?**

According to data published in 2013, breast cancer (BrCa) is not a disease that harbors high mutational load; nevertheless, it seems that triple negative (TN) BrCa which by itself is a heterogeneous group may show much higher rates of mutations than hormone receptor (HR) positive BrCa. These mutations in turn might lead to a higher level of neoantigens which are antigenic and can induce an immune response in the host. This concept, has led investigators to design several clinical trials using immune checkpoint inhibitors (ICI) in early (ECB) and metastatic (MBC) BrCa. Unlike in other cancers, there are no ICI approved in this space yet. Several trials in EBC and MBC using ICI in combination will be reported this year which will hopefully result in advancing therapy and improving patients' outcomes.

### **Biography**

Stefan Glück, MD, PhD, FRCPC is V.P of Global Medical Affairs, at Celgene Corporation since October 2014, and a medical oncologist with focus on breast cancer. He has overseen breast, ovarian, pancreatic and bladder cancer activities worldwide, as well as the Immuno-Oncology Program in solid tumors. Recently, his job requirements have shifted to include all solid tumors and most importantly Early Assets. He previously served as a Sylvester Professor in the Department of Medicine at Miller School of Medicine, University of Miami, Florida until September 2014. From 2003–2008, he was the Clinical Director of the Braman Family Breast Cancer Institute, and from January 2009 - December 2010 Assistant Director of the Sylvester Comprehensive Cancer Center and Associate Chief, Division Hematology & Medical Oncology. He has been a PI of 37 clinical studies of breast cancer in Miami, as well as investigator in numerous scientific, translational projects. He has authored or co-authored over 270 articles. In addition, Dr Glück has written or co-written several book chapters and numerous journal abstracts, and has presented more than 380 papers at national and international meetings. Before his move to Miami, Dr. Glück was Director of Southern Alberta Breast Cancer Program at the Tom Baker Cancer Center, a Professor in the departments of oncology, medicine, pharmacology & therapeutics at the University of Calgary, Alberta, Canada, and Deputy Head, Dept. of Oncology at the University of Calgary. He completed his medical studies at the Free University of West Berlin, Germany. The internship in Berlin was followed by residency in internal medicine and fellowship in hematology at the Heinrich Heine Universität in Düsseldorf, Germany, and a medical oncology & bone marrow transplant fellowship at the Princess Margaret Hospital, University of Toronto, Canada.

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