



## Diagnostics

# A method for predicting and monitoring the response to breast cancer treatment

A research group of the Andalusian Public Health System (SSPA) has developed a kit for predicting and/or monitoring the response to treatment for breast cancer.

Oficina de  
**TRANSFERENCIA  
DE TECNOLOGÍA**  
Sistema Sanitario Público de Andalucía



### Description

Breast cancer care has undergone significant change with the introduction of less aggressive strategies, in terms of both diagnosis and treatment.

The problem is the recurrence or relapse of the disease following treatment. Hence, the need to find tumour biomarkers for prognosing and/or assessing the response to standard therapies.

The research group has succeeded in developing a novel kit for the detection, identification and quantification *in vitro* of genes that act as biomarkers associated with a risk of relapse. This will also help to establish patient groups according to whether or not they are likely to respond to treatment.

The validation of the research involved a cohort of 118 patients diagnosed with breast cancer.



### Intellectual Property

This technology is protected by patent.



### Aims

We are looking for a partner interested in a license and/or a collaboration agreement to further develop and exploit this innovative technology.



### Classification

Area: Diagnostic

Pathology: Cancer or oncology



### Advantages

- 1- Prognosis and/or monitoring of treatment response.
- 2- Identifying individuals at risk for relapse or recurrence of the disease.
- 3- It helps to avoid insufficient or excessively aggressive treatment.
- 4- It improves long-term survival rates.