

# **Breast Cancer Cells are more Sensitive to the Treatment with Homeopathic *Viscum Album* (200CH) than Mesenchymal Stem Cells.**

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Ana Catarina Viana Valle<sup>1,2</sup>, Hilana dos Santos Sena Brunel<sup>3</sup>, Patricia Furtado Malard<sup>3</sup>, Lana Ribeiro Aguiar<sup>3</sup>, Rosângela Vieira de Andrade<sup>1</sup>

<sup>1</sup>Post Graduate Program in Genomic Sciences and Biotechnology, Catholic University of Brasilia, Brazil.

<sup>2</sup>IDIS Lamasson, DoctorIzao Soares Institute, Brazil.

<sup>3</sup>BioInnova Laboratory, Brazil.

Address for Correspondence:

**Ana Catarina Viana Valle**

Catholic University of Brasilia, Postal Code: 71680-613, Brasília, DF, Brazil.

Email: dranacatarina@gmail.com

**E-mail addresses of all authors:**

Hilana dos Santos Sena Brunel: lanasena@gmail.com

Patrícia Furtado Malard: patricia@biocell.com.br

Lana Ribeiro Aguiar: lanaribeiroaguiar@gmail.com

Rosângela Andrade: [rosangelavand@gmail.c](mailto:rosangelavand@gmail.c)

## **Abstract**

Studying adenocarcinoma cells and the new therapies to treat cancer is a promising area of interest. Adenocarcinoma in breast can be of several types, and different cell lines are in use because they have several characteristics similar to those of mammary epithelium but with different severities and phenotypes, consolidated as an *in vitro* model to study breast cancer biology. As breast cancer is the commonest cause of cancer death in women worldwide, new possibilities of therapies should be researched, such as the homeopathic *Viscum album*, a medicine originated from a plant which extract has cytotoxic effects. In this study, MCF-7, SKBR-3, MDA-MB-321 and PMC-42 cell lines as well as Mesenchymal Stem Cells (MSC) were cultured in the presence of homeopathic *Viscum album*  $1 \times 10^{-400}$  (VA200CH). Cell viability was evaluated by MTT assay and compared between the cell lines.