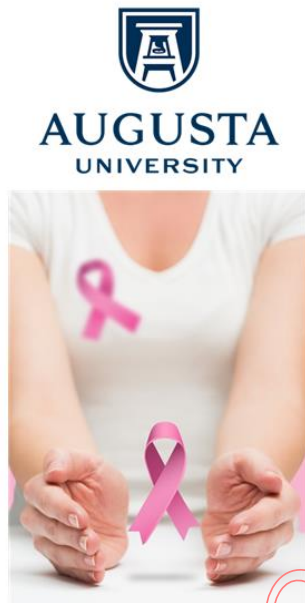


Genetic Science Spotlight

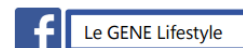
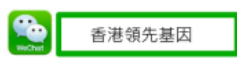
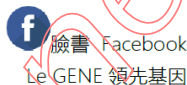
Augusta University Identifies a New Gene Player in the Breast Cancer



Cancer biologists at the Medical College of Georgia (MCG) at Augusta University, Georgia, USA, recently identified a new gene player in breast cancer, GT198, also known as PSMC3IP. The gene GT198 is known for repairing damaged DNA, while its mutated copy has been found in early onset breast and ovarian cancers. Scientists have now shown that the stem cells that should ultimately become healthy breast tissue can have mutations in the GT198 gene and be predisposed to breast cancer. Breast cancer has never been fully explained by genetics, especially cases involving the breast stroma tissue, but the results of the GT198 study may have shed light on the uncharted territory of breast cancer genetics. The study was published in American Journal of Pathology and involved 254 breast cancer cases with mutations in the said gene found in both the blood and the tumor tissue. Following the current study, scientists may now seek for therapies based on the knowledge of GT198 mutations.

<https://www.sciencedaily.com/releases/2016/03/160318111445.htm>

You are welcome to contact us for more information!



©Copyright 2012-2016 Le GENE Limited | All Rights Reserved