



## Fusion Cytokine Compositions and Methods of Use Thereof

WARF: P230246US02

Inventors: Jacques Galipeau, Mahua Dey

### The Invention

UW-Madison researchers have developed a glioblastoma cancer vaccine using primary tumor cells transfected with a genetic construct expressing a fusion of IL-7 and GM-CSF. The transfected cells are treated (irradiated) to make them non-replicating. The transformed cells possess antigenic tumor proteins as well as the cytokine fusion protein and are used as a cancer vaccine. When the researchers provided this vaccine to a glioblastoma mouse model, they found the vaccine generated durable long-term anti-tumor immunity specifically in aged mice.

### Additional Information

#### For More Information About the Inventors

- [Mahua Dey](#)

#### Tech Fields

- [Therapeutics & Vaccines : Oncology](#)

For current licensing status, please contact Andy DeTienne at [adetienne@warf.org](mailto:adetienne@warf.org) or 608-960-9857