



Immortalized Cells from the Mouse Urogenital Sinus and Adult Mouse Prostate

WARF: P03405US

Inventors: Wade Bushman

The Wisconsin Alumni Research Foundation (WARF) is seeking commercial partners interested in developing mouse cell lines that recapitulate the normal genetic responses of the stromal cells of the urogenital sinus and prostate.

Overview

No well-characterized prostate stromal cell lines currently exist.

The Invention

A UW-Madison researcher has developed biological material that includes immortalized murine mesenchymal cells from the urogenital sinus and stromal cells from the lobes of the adult prostate. The cells were isolated from the INK4A transgenic mouse, which lacks genes that normally enforce senescence. A construct that expresses lacZ was included in these cells to allow their identification when they are grafted into mouse tissues.

Applications

- A system for screening drugs to treat prostate cancer
- Novel targets for the design of drugs to treat prostate cancer

Key Benefits

- Useful to examine the role of specific mesenchymal and stromal genes in regulation of prostate growth
- May enable the identification of specific genes activated in response to prostate tumor cell signals

Stage of Development

The researcher has shown that these cell lines recapitulate the normal genetic responses of the stromal cells of the urogenital sinus and prostate.

Additional Information

For More Information About the Inventors

- [Wade Bushman](#)

Tech Fields

- [Drug Discovery & Development : Disease models](#)
- [Research Tools : Cell lines](#)

We use cookies on this site to enhance your experience and improve our marketing efforts. By continuing to browse without changing your browser settings to block or delete cookies, you agree to the storing of cookies and related technologies on your device. [See our privacy policy.](#)

OK



WARF
Wisconsin Alumni Research Foundation

| info@warf.org | 608.960.9850

We use cookies on this site to enhance your experience and improve our marketing efforts. By continuing to browse without changing your browser settings to block or delete cookies, you agree to the storing of cookies and related technologies on your device. [See our privacy policy.](#)

OK



WARF
Wisconsin Alumni Research Foundation

| info@warf.org | 608.960.9850