

[Home](#) [Login](#)

cancerbiology & therapy

Editor-in-Chief
Wafik S. El-Deiry, M.D., Ph.D.
 University of Pennsylvania
 Philadelphia, PA

Print ISSN: 1538-4047
 Online ISSN: 1555-8576

[Journals](#)[Intelligence Unit Series](#)[Medical Handbooks](#)[Special Books](#)

Recommend *Cancer Biology & Therapy* to your librarian for 2008. [Download the form here.](#)

Sign up for Table of Contents Alerts.

[Home](#) [Subscribe](#) [Search](#) [Archive](#) [Forthcoming](#)

[Email this page](#) [Print this page](#)

Review: Focus on Glioblastoma

Gene delivery by embryonic stem cells for malignant glioma therapy: hype or hope?

Isabelle M. Germano, Mahmud Uzzaman and Gordon Keller

volume 7 | issue 9

September 2008

[Purchase article for \\$19](#)

[Subscribe to this journal for \\$129/year](#)

[» Log in](#)

Patients with glioblastomas have a poor prognosis and new treatments paradigms are needed. The futility of current treatments lies in part on the difficulty of delivering therapeutic agents to the tumor. In this article, we review and discuss current knowledge of adjuvant treatment for glioblastomas including gene therapy and viral vectors. Additionally, this review provides an update on recent progress, which has focused on improving delivery methods including the development of new approaches such as stem cells. Particular emphasis is given to laboratory data showing the use of embryonic stem cells used as vectors to deliver pro-apoptotic genes to glioblastoma cells.

[Purchase article for \\$19](#)

[Subscribe to this journal for \\$129/year](#)

[» Log in](#)

[[House Style Manual for Books](#) | [Books Copyright Form](#) | [House Style Manual for Journals](#) | [Journals Copyright Form](#)]

1002 West Avenue, 2nd Floor, Austin, TX 78701 phone 512.637.6050 fax 512.637.6079

© 2000-2008 Landes Bioscience. All rights reserved. You are accessing this site from 94.36.99.201