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# Cell-Mediated Enzyme Prodrug Cancer Therapies

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**KEYWORDS:** cancer therapy, gene therapy, cell-delivery vehicle, cell therapy, bystander effect, suicide gene, tumor tropism, targeted cancer therapy

**ABBREVIATIONS:** **EPT:** enzyme prodrug therapy; **NSC:** neural stem cells; **MSC:** mesenchymal stromal cells; **NK:** natural killer cells; **iPSCs:** induced pluripotent stem cells; **HSV-TK:** herpes simplex virus thymidine kinase; **GCV:** ganciclovir; **5-FC:** 5-Fluorocytosine; **5-FU:** 5-Fluorouracil **i.v.:** intravenous; **i.p.:** intraperitoneal; **i.c.:** intracranial; **UPRT:** uracil phosphoribosyltransferase; **CPT-11:** irinotecan; **CD:** cytosine deaminase; **CE:** carboxylesterase; **CYP:** cytochrome P450; **CP:** carboxypeptidase; **NTR:** nitroreductase; **GVHD:** graft-vs-host disease; **HSCT:** hematopoietic stem cell transplantation; **cGMP:** good manufacturing practice; **cGTP:** good tissue practice; **HLA:** human leukocyte antigen; **TAA:** tumor associated antigen

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