Dr. John Eaton  
Deputy Director  
James Graham Brown Cancer Center  
University of Louisville

“We Did It for Smallpox, We Did It for Polio. Can We Do It for Cancer?”

Taking advantage of the well-known antigenic similarities between tumors and embryos, we have developed a prophylactic vaccine intended to stop the development of various types of cancer. The vaccine employs allogeneic murine embryonic stem cells and a source of GM-CSF (to super-charge the immune response). Thus far, it is effective in implantable and carcinogen-induced forms of murine lung cancer.