

# **Burzynski Research Institute, Inc. Presents Promising Phase II Data on Malignant Glioma**

## **Phase II Clinical Study in Anaplastic Astrocytoma Shows Objective Responses to Antineoplaston Therapy**

**HOUSTON, TX and LAS VEGAS, NV - November 21, 2008.** Today at the 13<sup>th</sup> Annual Scientific Meeting of the Society for Neuro-Oncology, BRI announced encouraging results from the ongoing Phase II clinical trials of two of its investigational drugs, *Atengenal* (A10) and *Astugenal* (AS2-1), defined as *antineoplastons therapy* (ANP). The meeting is currently taking place in Loews Lake, Las Vegas, Nevada.

### **Background – Phase II Study in Anaplastic Astrocytoma**

In this Phase II clinical trial, ANP is administered daily on an outpatient basis, via an ambulatory infusion pump, to adult patients with newly-diagnosed anaplastic astrocytoma (AA), a common type of malignant glioma. The prognosis for patients with AA is usually poor with five-year's survival in less than 30% of patients, even after surgery, chemotherapy and radiation therapy.

The report being presented summarizes the treatment of a group of 20 evaluable patients, none of whom received radiation or chemotherapy prior to starting ANP. Six patients underwent surgery and had residual tumor; and 14 patients had biopsy only. ANP was well tolerated, with just two cases of serious reversible toxicities. Complete disappearance of tumors was achieved in 25% of patients, 40% of patients had stabilization of disease, and 35% of patients failed ANP treatment. Preliminary results indicate that satisfactory percentage of objective response to ANP was achieved. The Abstract was published in the October 2008 issue of *Neuro-Oncology*, the official journal of the Society of Neuro-Oncology.

**Burzynski Research Institute, Inc.** (BZYR.OB) is a biopharmaceutical company committed to developing treatment for cancer based on genomic and epigenomic principles. Research and development efforts are focused on basic research and 19 Phase II clinical trials, some of which are coming now to a successful conclusion. Since antineoplastons effect approximately 100 genes instrumental in the growth of glioblastoma multiforme, the results of research will be presented in a number of neuro-oncology meetings and published as abstracts in *Neuro-Oncology*. Earlier this year the BRI team presented at the 13<sup>th</sup> International Symposium of Pediatric Neuro-Oncology in Chicago, Illinois (June 29-July 2, 2008), a successful preliminary report on the Phase II study of antineoplastons A10 and AS2-1 in children with optic pathway glioma. At the September 2008 annual meeting of the European Association for Neuro-Oncology in Barcelona, Spain, BRI presented two reports. In one of them, it was described how the ingredients of ANP down-regulate glycolysis pathways in glioblastoma cells. The second report described preliminary successful results of Phase II study of ANP in patients with recurrent anaplastic astrocytoma.

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