

## **Neuro-Oncology Awards** (alphabetically)

### **“Targeted Treatment and Imaging of Glioma”**

**PI:** Oliver Bogler, Ph.D. – Department of Neurosurgery (Research)

**Clinical Co-PI:** Charles Conrad, M.D.

**Collaborators:** Renata Pasqualini, Ph.D., Nicholas Farrell, Ph.D., and Wadih Arap, M.D., Ph.D.

### **“Mining Transcript Data for Molecular Targets in Brain Cancer”**

**PI:** Mary E. Edgerton, M.D., Ph.D. – Department of Pathology

**Clinical Co-PI:** Kenneth D. Aldape, M.D.

**Collaborators:** Bradley M. Broom, Ph.D., and Douglas H. Fisher, Ph.D.

### **“Delta-24-RGD-Mediated Silencing of MGMT Promoter and Sensitivity to Temozolomide of Malignant Gliomas”**

**PI:** Juan Fueyo, M.D. – Department of Neuro-Oncology (Research)

**Clinical Co-PI:** Mark Gilbert, M.D.

### **“Targeting FoxM1 for Inhibition of Tumor Growth in Glioblastoma”**

**PI:** Suyun Huang, Ph.D. – Department of Neurosurgery (Research)

**Clinical Co-PI:** Shiao Y. Woo, M.D.

### **“Deciphering Compensatory Molecular Pathways Using Functional Genomic and Synthetic Lethality Screening in Glioblastoma”**

**PI:** Dimpy Koul, Ph.D. – Department of Neuro-Oncology (Research)

**Clinical Co-PI:** W.K. Alfred Yung, M.D.

**Collaborator:** Gordon B. Mills, M.D., Ph.D.

### **“Targeting Gliomas with Biological Therapies: Mesenchymal Stem Cells to Deliver Delta-24-RGD to Gliomas”**

**PI:** Frederick F. Lang, Jr., M.D. – Department of Neurosurgery

**Co-PI:** Juan Fueyo, M.D.

### **“Targeting Stem-Like Cells in Glioblastoma: Using Novel Jak2/Stat3 Inhibitors to Elucidate Critical Pathways to Tumor Development and Maintenance”**

**PI:** Waldemar Priebe, Ph.D. – Department of Experimental Therapeutics

**Clinical Co-PI:** Howard Colman, M.D., Ph.D.

**Collaborators:** Charles Conrad, M.D., Kenneth D. Aldape, M.D., and Timothy Madden, Pharm.D.

### **“Strategies to Enhance Effects of Histone Deacetylase (HDAC) Inhibitors Against Malignant Gliomas”**

**PI:** Vinay K. Puduvalli, M.D. – Department of Neuro-Oncology

**Collaborators:** Deepa Sampath, Ph.D., and George Calin, M.D., Ph.D.

### **“Targeting Medulloblastoma: Using Mesenchymal Stem Cells in the RCAS/Tv-a System”**

**PI:** Ganesh Rao, M.D. – Department of Neurosurgery

**Clinical Co-PI:** Frederick F. Lang, Jr., M.D.