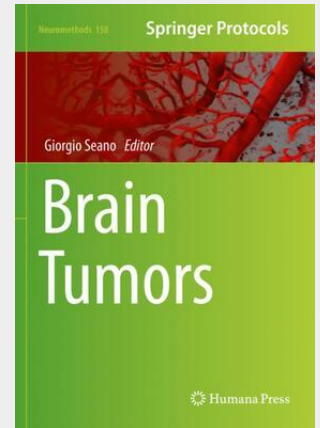


Seano

Brain Tumors

This volume explores the latest models and techniques used to study brain tumor biology. Chapters in this book are organized into four sections: in vivo models, ex vivo models, treatments in mice, and clinical imaging. Some of the topics covered in this book are in vivo preclinical models of lower-grade gliomas, medulloblastoma, and brain metastases; ex vivo methods for glioblastoma patient-derived cell lines and organotypic brain cultures for metastasis; in vivo treatments of preclinical models that assess neurological function, dynamic immunotherapy, and neurological impacts of brain irradiation; and clinical imaging and modeling, such as biomechanics and vascular perfusion. In the Neuromethods series style, chapters include the kind of detail and key advice from the specialists needed to get successful results in your laboratory. Cutting-edge and practical, Brain Tumors is a valuable resource that will help readers understand the heterogeneity of the techniques used to study the complexity of brain tumors.

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