

Contributors

CONSULTING EDITORS

ANDREW T. PARSA, MD, PhD

Associate Professor, Principal Investigator, Brain Tumor Research Center, Reza and Georgianna Khatib Endowed Chair in Skull Base Tumor Surgery, Department of Neurological Surgery, University of California, San Francisco, San Francisco, California

PAUL C. McCORMICK, MD, MPH, FACS

Herbert & Linda Gallen Professor of Neurological Surgery, Department of Neurological Surgery, Columbia University Medical Center, New York, New York

GUEST EDITORS

ISAAC YANG, MD

Assistant Professor, University of California, Los Angeles, David Geffen School of Medicine at UCLA, UCLA Department of Neurosurgery; UCLA Jonsson Comprehensive Cancer Center, UCLA Malignant Brain Tumor Program, Los Angeles, California

SEUNGGU J. HAN, MD

Department of Neurological Surgery, University of California, San Francisco, San Francisco, California

AUTHORS

ELIZABETH ALLCUT, MD

Wayne State University School of Medicine, Detroit, Michigan

ANUBHAV G. AMIN, BS

Departments of Neurosurgery and Oncology, The Johns Hopkins University School of Medicine, Baltimore, Maryland

MISHA AMOLIS, BS

Department of Neurological Surgery, University of California, Los Angeles, Los Angeles, California

ALEXANDROS BOURAS, MD

Brain Tumor Nanotechnology Laboratory, Department of Neurosurgery, Emory University School of Medicine, Winship Cancer Institute of Emory University, Atlanta, Georgia

TENE A. CAGE, MD

Department of Neurological Surgery, University of California, San Francisco, San Francisco, California

FRANCES CHOW, BA

Department of Neurosurgery, University of California, Los Angeles, David Geffen School of Medicine at UCLA, Los Angeles, California

WINWARD CHOY, BA

Department of Neurosurgery, David Geffen School of Medicine, University of California, Los Angeles, Los Angeles, California

CHAIM B. COLEN, MD, PhD

Director, Neurosurgical Oncology and Epilepsy Surgery, Assistant Professor, Department of Neurosurgery, Oakland Medical School, Beaumont Health System, Grosse Pointe, Detroit, Michigan

SAMUEL E. DAY, PhD

Medical Scientist Training Program, University of Colorado School of Medicine, Denver, Colorado

XIAOYAO FAN, BE

Norris Cotton Cancer Center, Lebanon; Thayer School of Engineering, Dartmouth College, Hanover, New Hampshire

CHRISTINA FONG, BS

Department of Neurosurgery, University of California, Los Angeles, Los Angeles, California

HEATHER M. GARCIA, BS

Department of Neurosurgery, University of California, Los Angeles, Los Angeles, California

MATTHEW C. GARRETT, MD

Resident, Department of Neurosurgery, David Geffen School of Medicine, University of California, Los Angeles, Los Angeles, California

NALIN GUPTA, MD, PhD

Departments of Neurological Surgery and Pediatrics, University of California, San Francisco, San Francisco, California

DAPHNE HAAS-KOGAN, MD

Departments of Pediatrics and Radiation Oncology, University of California, San Francisco, San Francisco, California

COSTAS G. HADJIPANAYIS, MD, PhD

Brain Tumor Nanotechnology Laboratory, Department of Neurosurgery, Emory University School of Medicine, Winship Cancer Institute of Emory University, Atlanta, Georgia

SEUNGGU J. HAN, MD

Department of Neurological Surgery, University of California, San Francisco, San Francisco, California

YASUAKI HARASAKI, MD

Department of Neurosurgery, University of Colorado School of Medicine, Denver, Colorado

BRENT T. HARRIS, MD, PhD

Department of Pathology and Neurology, Georgetown University Medical Center, Washington, DC

ALEXANDER HARTOV, PhD

Norris Cotton Cancer Center, Lebanon; Thayer School of Engineering, Dartmouth College, Hanover, New Hampshire

CHRISTOPHER JACKSON, BA

Departments of Neurological Surgery and Oncology, The Johns Hopkins University School of Medicine, Baltimore, Maryland

SONGBAI JI, DSc

Norris Cotton Cancer Center, Lebanon; Thayer School of Engineering, Dartmouth College, Hanover, New Hampshire

MILOTA KALUZOVA, PhD

Brain Tumor Nanotechnology Laboratory, Department of Neurosurgery, Emory University School of Medicine, Winship Cancer Institute of Emory University, Atlanta, Georgia

WON KIM, MD

Department of Neurosurgery, University of California, Los Angeles, Los Angeles, California

CAROL A. KRUSE, PhD

Professor, Department of Neurosurgery; Jonsson Comprehensive Cancer Center, University of California, Los Angeles, Los Angeles, California

FREDERIC LEBLOND, PhD

Norris Cotton Cancer Center, Lebanon; Thayer School of Engineering, Dartmouth College, Hanover, New Hampshire

LINDA M. LIAU, MD, PhD

Professor and Vice Chair of Neurosurgery, Director, UCLA Brain Tumor Program, Department of Neurosurgery, David Geffen School of Medicine, University of California, Los Angeles, Los Angeles, California

MICHAEL LIM, MD

Assistant Professor of Neurosurgery and Oncology, Departments of Neurological Surgery and Oncology, The Johns Hopkins Hospital, The Johns Hopkins University School of Medicine, Baltimore, Maryland

SABINE MUELLER, MD, PhD

Departments of Neurology and Pediatrics, University of California, San Francisco, San Francisco, California

DANIEL T. NAGASAWA, MD

Department of Neurosurgery, University of California, Los Angeles, David Geffen School of Medicine at UCLA, Los Angeles, California

EDJAH K. NDUOM, MD

Brain Tumor Nanotechnology Laboratory, Department of Neurosurgery, Emory University School of Medicine, Winship Cancer Institute of Emory University, Atlanta, Georgia

ANDREW T. PARSA, MD, PhD

Associate Professor, Principal Investigator, Brain Tumor Research Center, Reza and Georgianna Khatib Endowed Chair in Skull Base Tumor Surgery, Department of Neurological Surgery, University of California, San Francisco, San Francisco, California

KEITH D. PAULSEN, PhD

Norris Cotton Cancer Center, Lebanon; Thayer School of Engineering, Dartmouth College, Hanover; Dartmouth-Hitchcock Medical Center, Lebanon, New Hampshire

JILLIAN PHALLEN, BA

Department of Neurological Surgery, The Johns Hopkins University School of Medicine, Baltimore, Maryland

NADER POURATIAN, MD, PhD

Assistant Professor, Department of Neurosurgery, David Geffen School of Medicine, University of California, Los Angeles, Los Angeles, California

ROBERT M. PRINS, PhD

Department of Neurological Surgery; Jonsson Comprehensive Cancer Center, University of California, Los Angeles, Los Angeles, California

DAVID W. ROBERTS, MD

Dartmouth Medical School, Hanover; Section of Neurosurgery, Dartmouth-Hitchcock Medical Center; Norris Cotton Cancer Center, Lebanon, New Hampshire

JACOB RUZEVICK, BS

Department of Neurological Surgery and Oncology, The Johns Hopkins University School of Medicine, Baltimore, Maryland

MARKO SPASIC, BA

Department of Neurosurgery, David Geffen School of Medicine, University of California, Los Angeles, Los Angeles, California

KIMBERLY THILL, BS

Department of Neurosurgery, David Geffen School of Medicine, University of California, Los Angeles, Los Angeles, California

TOR D. TOSTESON, ScD

Dartmouth Medical School, Hanover; Norris Cotton Cancer Center, Lebanon, New Hampshire

ANDY TRANG, BS

Department of Neurosurgery, David Geffen School of Medicine, University of California, Los Angeles, Los Angeles, California

CLAIRE TU, BS

Department of Neurosurgery, University of California, Los Angeles, David Geffen School of Medicine at UCLA, Los Angeles, California

PABLO A. VALDÉS, BS

Dartmouth Medical School, Hanover; Section of Neurosurgery, Dartmouth-Hitchcock Medical Center, Lebanon; Thayer School of Engineering, Dartmouth College, Hanover, New Hampshire

ALLEN WAZIRI, MD

Assistant Professor, Department of Neurosurgery, University of Colorado School of Medicine, Denver, Colorado

BRIAN C. WILSON, PhD

Department of Medical Biophysics, Ontario Cancer Institute, University of Toronto, Toronto, Ontario, Canada

ISAAC YANG, MD

Assistant Professor, University of California, Los Angeles, David Geffen School of Medicine at UCLA, UCLA Department of Neurosurgery; UCLA Jonsson Comprehensive Cancer Center, UCLA Malignant Brain Tumor Program, Los Angeles, California

JIAN YANG, PhD

Department of Biological Chemistry, University of California, Los Angeles, Los Angeles, California

ANDREW YEW, MD

Department of Neurosurgery, University of California, Los Angeles, Los Angeles, California

CORINNA ZYGOURAKIS, MD

Resident, Department of Neurological Surgery, University of California, San Francisco, San Francisco, California