Cognition and Cancer

Edited by

Christina A. Meyers
Professor and Chief
Section of Neuropsychology
Department of Neuro-Oncology
The University of Texas M. D. Anderson Cancer Center
Houston, Texas, USA

James R. Perry
Tony Crolla Chair in Brain Tumour Research
Head, Division of Neurology
Sunnybrook Health Sciences Centre and Odette Cancer Centre
University of Toronto
Toronto, Ontario, Canada
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Contributors

Ralph d’Agostino, Jr., Ph.D.
Professor, Department of Biostatistical Sciences
Division of Public Health Sciences
Wake Forest University School of Medicine
Winston-Salem, North Carolina, USA

Tim A. Ahles, Ph.D.
Department of Psychiatry and Behavioral Sciences
Director, Neurocognitive Research Laboratory
Memorial Sloan Kettering Cancer Center
New York, New York, USA

Eduardo Bruera, M.D.
Professor and Chair
Department of Palliative Care & Rehabilitation Medicine
The University of Texas M. D. Anderson Cancer Center
Houston, Texas, USA

Jerome Butler, M.D.
Department of Radiation Oncology
Wake Forest University School of Medicine
Winston-Salem, North Carolina, USA

Robert W. Butler, Ph.D., ABPP-Cn
Department of Pediatrics
Hematology/Oncology
Oregon Health & Science University
Portland, Oregon, USA
List of contributors

L. Douglas Case, Ph.D.
Professor, Department of Biostatistical Sciences
Division of Public Health Sciences
Wake Forest University School of Medicine
Winston-Salem, North Carolina, USA

Jane H. Cerhan, Ph.D., ABPP-Cn
Department of Psychiatry and Psychology
Mayo Clinic College of Medicine
Rochester, Minnesota, USA

Robert Collins, Ph.D.
Clinical Neuropsychologist
Neurology Care Line
Michael E. DeBakey Veterans Affairs Medical Center
Houston, Texas, USA

John W. Conlee, Ph.D.
Department of Oncology
Huntsman Cancer Institute
University of Utah School
Salt Lake City, Utah, USA

Denise D. Correa, PhD, ABPP-Cn
Department of Neurology
Memorial Sloan Kettering Cancer Center
New York, New York, USA

Edward Dropcho, M.D.
Professor
Department of Neurology
Indiana University Medical Center
Indianapolis, Indiana, USA

Adrian Dunn, Ph.D.
Professor
Department of Psychology
Pacific Biosciences Research Center
University of Hawaii at Mānoa
Honolulu, Hawaii, USA

Elana Farace, Ph.D.
Associate Professor of Neurosurgery and Public Health Sciences
Director of Clinical Research, Department of Neurosurgery
Program Co-Leader, Cancer Prevention and Control, Penn State Cancer Institute
Pennsylvania State University
Hershey, Pennsylvania, USA

Mercedes Fernandez, Ph.D.
Department of Psychology
Carlos Albizu University
Miami, Florida, USA

Melissa Friedman, Ph.D.
Division of Psychiatry
Department of Medicine
Mount Sinai Medical Center
Miami Beach, Florida, USA

Michael J. Glantz, M.D.
Professor of Oncology, Neurosurgery and Neurology
Huntsman Cancer Institute
University of Utah School of Medicine
Salt Lake City, Utah, USA

John Gleason, Jr., B.A.
Wake Forest University School of Medicine
Winston-Salem, North Carolina, USA

Bebe Guill, M.Div.
Director, Survivorship Programs & Services
The Preston Robert Tisch Brain Tumor Center
Duke University Medical Center
Durham, North Carolina, USA

Edward Ip, Ph.D.
Professor
Departments of Biostatistical Sciences and Social Sciences and Health Policy
Division of Public Health Sciences
Wake Forest University School of Medicine
Winston-Salem, North Carolina, USA

Sterling Johnson, Ph.D.
Associate Professor of Medicine
University of Wisconsin
Madison, Wisconsin, USA
Anne E. Kayl, Ph.D.
Assistant Professor
Section of Neuropsychology
Department of Neuro-Oncology
The University of Texas M. D. Anderson Cancer Center
Houston, Texas, USA

Deepak Khuntia, M.D.
Assistant Professor
Department of Human Oncology
Radiation Oncology
University of Wisconsin
Madison, Wisconsin, USA

Dona E. C. Locke, Ph.D., ABPP-Cn
Mayo Clinic Arizona
Division of Psychology
Scottsdale, Arizona, USA

James F. Malec, PhD, ABPP-Cn,Rp
Professor and Co-chair
Division of Tertiary Psychiatry and Psychology
Department of Psychiatry and Psychology
Mayo Clinic College of Medicine
Rochester, Minnesota, USA

Beela S. Mathew, M.D.
Associate Professor
Regional Cancer Centre
Trivandrum, India

Brenna C. McDonald, Psy.D., M.B.A.
Assistant Professor of Radiology and Neurology
IU Center for Neuroimaging
Division of Imaging Sciences
Department of Radiology
Indiana University School of Medicine
Indianapolis, Indiana, USA

Minesh P. Mehta, M.D.
Chairman, Department of Human Oncology
Radiation Oncology
University of Wisconsin
Madison, Wisconsin, USA

Christina A. Meyers, Ph.D., ABPP-Cn
Professor and Chief
Section of Neuropsychology
Department of Neuro-Oncology
The University of Texas M. D. Anderson Cancer Center
Houston, Texas, USA

Bartlett D. Moore, III, Ph.D.
Professor and Chief
Section of Behavioral Pediatrics
Division of Pediatrics
The University of Texas M. D. Anderson Cancer Center
Houston, Texas, USA

H. Stacy Nicholson, M.D., MPH
Professor of Pediatrics
Chief, Division of Pediatric Hematology/Oncology
Oregon Health & Science University
Portland, Oregon, USA

Charles G. Niël, M.D.
Reinier de Graaf Groep
Department of Radiation Oncology
Delft, The Netherlands

Louise Penkman Fennell, Ph.D., ABPP-Cn
Assistant Professor and Director of Internship Training
Argosy University, Hawaii Campus
Consulting Neuropsychologist
Kapiolani Behavioral Health Specialists
Kapiolani Women and Children's Hospital
Honolulu, Hawaii, USA

James R. Perry M.D., FRCPc
Tony Crolla Chair in Brain Tumour Research
Head, Division of Neurology
Sunnybrook Health Sciences Centre and Odette Cancer Centre
University of Toronto
Toronto, Ontario, Canada

Stephen R. Rapp, Ph.D.
Professor and Head, Section of Psychology
Department of Psychiatry and Behavioral Medicine
Wake Forest University School of Medicine
Winston-Salem, North Carolina, USA
List of contributors

Renee H. Raynor, Ph.D.
Clinical Neuropsychologist
Director of Clinical Operations
The Preston Robert Tisch Brain Tumor Center
Duke University Medical Center
Durham, North Carolina, USA

Jill B. Rich, Ph.D.
Department of Psychology
York University & Baycrest Centre for Geriatric Care
Toronto, Ontario, Canada

Mike E. Robbins, Ph.D.
Professor and Head, Section of Radiation Biology
Department of Radiation Oncology
Wake Forest University School of Medicine
Winston-Salem, North Carolina, USA

Paul Saconn, M.D.
Department of Radiation Oncology
Wake Forest University School of Medicine
Winston-Salem, North Carolina, USA

Andrew J. Saykin, PsyD, ABPP-Cn
Professor of Radiology
Director, IU Center for Neuroimaging
Division of Imaging Sciences
Department of Radiology
Indiana University School of Medicine
Indianapolis, Indiana, USA

Sanne Schagen, Ph.D.
Department of Psychosocial Research and Epidemiology
Netherlands Cancer Institute/Antoni van Leeuwenhoek Hospital
Amsterdam, The Netherlands

Christien Schilder, M.Sc.
Department of Psychosocial Research and Epidemiology
Netherlands Cancer Institute/Antoni van Leeuwenhoek Hospital
Amsterdam, The Netherlands

Edward G. Shaw, M.D.
Professor and Chairman
Department of Radiation Oncology
Wake Forest University School of Medicine
Winston-Salem, North Carolina, USA

John M. Slopis, M.D., M.P.H.
Associate Professor of Child Neurology and Cancer Genetics
Department of Neuro-Oncology and Division of Pediatrics
The University of Texas M. D. Anderson Cancer Center
Houston, Texas, USA

Jennifer A. Smith, Ph.D.
Biostatistics
Geron Corporation
Menlo Park, California, USA

Martin J. B. Taphoorn, M.D.
Medical Center Haaglanden
Department of Neurology/Neuro-Oncology
The Hague, The Netherlands

Angela K. Troyer, Ph.D.
Department of Psychology
Baycrest Centre for Geriatric Care
Toronto, Ontario, Canada

Alan Valentine, M.D.
Professor
Department of Psychiatry
University of Texas M. D. Anderson Cancer Center
Houston, Texas, USA

Frits van Dam, Ph.D.
Department of Psychosocial Research and Epidemiology
Netherlands Cancer Institute/Antoni van Leeuwenhoek Hospital
Amsterdam, The Netherlands

Jeffrey S. Wefel, Ph.D.
Assistant Professor
Section of Neuropsychology
Department of Neuro-Oncology
The University of Texas M.D. Anderson Cancer Center
Houston, Texas, USA
Preface

This volume is different from anything that has been published in the fields of oncology and neurosciences. The study of cognitive function in cancer patients is in its infancy, and far behind the research in other diseases. However, cognitive impairment and other adverse symptoms associated with cancer are becoming increasingly important to patients and are identified as a major source of concern for survivors. To date there is no comprehensive text that brings together the basic research and clinical perspectives of the many disciplines involved in understanding the impact of cancer and cancer treatment on brain function. Thus, we felt there was a growing need to address cognitive function across cancers and treatments as a resource for oncologists and other professionals who treat cancer patients and those who are involved in translational research that has an impact on cancer-related symptoms. We are pleased that we have brought together the research and views of the most prominent professionals in the field of cognition and cancer. The book is intended to be accessible to a diverse audience: research and clinical neuropsychologists, neuroscientists, medical and neuro-oncologists, surgeons, radiation oncologists, palliative care health teams, nurses, nurse practitioners and physician assistants, and postgraduate trainees and fellows in these disciplines.

We would like to acknowledge the contributions made by our colleagues and our patients from whom we learn daily. We also appreciate the help of Lori Bernstein, Ph.D, who was involved in the conceptual development of the book in its early
stages, as well as the tireless support and enthusiasm of Betty Fulford and Laura Wood of Cambridge University Press. We would also like to acknowledge the leadership of Sunnybrook Health Sciences Centre and the University of Toronto for having the foresight and wisdom to embrace an interdisciplinary approach to neurosciences, including cross-programmatic collaboration, which this book embodies. We also acknowledge our families for their patience and unselfish support of projects that take us away from them.

As the book cover implies, solving the disorders of the brain and mind in cancer patients is multi-faceted, challenging and at times frustrating, but, in the end, solvable. We hope that this text serves to enhance the quality of life of cancer patients and stimulates awareness, research, and knowledge transfer in the area of cognition and cancer.