

# *Contents*

## **VOLUME 1: DIAGNOSIS, DEVELOPMENT, NEUROBIOLOGY, AND BEHAVIOR**

### **SECTION I DIAGNOSIS AND CLASSIFICATION**

- Chapter 1. Issues in the Classification of Autism and Related Conditions 5  
*Fred R. Volkmar and Ami Klin*
- Chapter 2. Epidemiological Studies of Pervasive Developmental Disorders 42  
*Eric Fombonne*
- Chapter 3. Childhood Disintegrative Disorder 70  
*Fred R. Volkmar, Kathy Koenig, and Matthew State*
- Chapter 4. Asperger Syndrome 88  
*Ami Klin, James McPartland, and Fred R. Volkmar*
- Chapter 5. Rett Syndrome: A Pervasive Developmental Disorder 126  
*Richard Van Acker, Jennifer A. Loncola, and Eryn Y. Van Acker*
- Chapter 6. Pervasive Developmental Disorder Not Otherwise Specified 165  
*Kenneth E. Towbin*
- Chapter 7. Outcomes in Autism Spectrum Disorders 201  
*Patricia Howlin*

### **SECTION II DEVELOPMENT AND BEHAVIOR**

- Chapter 8. Autism in Infancy and Early Childhood 223  
*Katarzyna Chawarska and Fred R. Volkmar*
- Chapter 9. The School-Age Child with an Autistic Spectrum Disorder 247  
*Katherine A. Loveland and Belgin Tunali-Kotoski*

- Chapter 10. Adolescents and Adults with Autism 288  
*Victoria Shea and Gary B. Mesibov*
- Chapter 11. Social Development in Autism 312  
*Alice S. Carter, Naomi Ornstein Davis, Ami Klin, and Fred R. Volkmar*
- Chapter 12. Language and Communication in Autism 335  
*Helen Tager-Flusberg, Rhea Paul, and Catherine Lord*
- Chapter 13. Neuropsychological Characteristics in Autism and Related Conditions 365  
*Katherine D. Tsatsanis*
- Chapter 14. Imitation and Play in Autism 382  
*Sally J. Rogers, Ian Cook, and Adrienne Meryl*
- Chapter 15. Autism and Emotion 406  
*Peter Hobson*

### SECTION III NEUROLOGICAL AND MEDICAL ISSUES

- Chapter 16. Genetic Influences and Autism 425  
*Michael Rutter*
- Chapter 17. Neurochemical Studies of Autism 453  
*George M. Anderson and Yoshihiko Hoshino*
- Chapter 18. Neurologic Aspects of Autism 473  
*Nancy J. Minshew, John A. Sweeney, Margaret L. Bauman,  
and Sara Jane Webb*
- Chapter 19. Functional Neuroimaging Studies of Autism Spectrum Disorders 515  
*Robert T. Schultz and Diana L. Robins*
- Chapter 20. Medical Aspects of Autism 534  
*Pauline A. Filipek*

### SECTION IV THEORETICAL PERSPECTIVES

- Chapter 21. Problems of Categorical Classification Systems 583  
*Lorna Wing*
- Chapter 22. Executive Functions 606  
*Sally Ozonoff, Mikle South, and Sherri Provencal*
- Chapter 23. Empathizing and Systemizing in Autism Spectrum Conditions 628  
*Simon Baron-Cohen, Sally Wheelwright, John Lawson, Richard Griffin,  
Chris Ashwin, Jac Billington, and Bhismadev Chakrabarti*

Chapter 24. The Weak Central Coherence Account of Autism	640
<i>Francesca Happé</i>	
Chapter 25. Joint Attention and Neurodevelopmental Models of Autism	650
<i>Peter Mundy and Courtney Burnette</i>	
Chapter 26. The Enactive Mind—From Actions to Cognition: Lessons from Autism	682
<i>Ami Klin, Warren Jones, Robert T. Schultz, and Fred R. Volkmar</i>	
Author Index	I•1
Subject Index	I•39

## VOLUME 2: ASSESSMENT, INTERVENTIONS, AND POLICY

### SECTION V ASSESSMENT

Chapter 27. Screening for Autism in Young Children	707
<i>Elaine E. Coonrod and Wendy L. Stone</i>	
Chapter 28. Diagnostic Instruments in Autistic Spectrum Disorders	730
<i>Catherine Lord and Christina Corsello</i>	
Chapter 29. Clinical Evaluation in Autism Spectrum Disorders: Psychological Assessment within a Transdisciplinary Framework	772
<i>Ami Klin, Celine Saulnier, Katherine Tsatsanis, and Fred R. Volkmar</i>	
Chapter 30. Assessing Communication in Autism Spectrum Disorders	799
<i>Rhea Paul</i>	
Chapter 31. Behavioral Assessment of Individuals with Autism: A Functional Ecological Approach	817
<i>Michael D. Powers</i>	
Chapter 32. Sensory and Motor Features in Autism: Assessment and Intervention	831
<i>Grace T. Baranek, L. Diane Parham, and James W. Bodfish</i>	

### SECTION VI INTERVENTIONS

Chapter 33. Curriculum and Classroom Structure	863
<i>J. Gregory Olley</i>	
Chapter 34. Behavioral Interventions to Promote Learning in Individuals with Autism	882
<i>Laura Schreibman and Brooke Ingersoll</i>	
Chapter 35. Behavioral Interventions	897
<i>Joel D. Bregman, Dianne Zager, and John Gerdtz</i>	

- Chapter 36. Critical Issues in Enhancing Communication Abilities for Persons with Autism Spectrum Disorders 925  
*Barry M. Prizant and Amy M. Wetherby*
- Chapter 37. Enhancing Early Language in Children with Autism Spectrum Disorders 946  
*Rhea Paul and Dean Sutherland*
- Chapter 38. Addressing Social Communication Skills in Individuals with High-Functioning Autism and Asperger Syndrome: Critical Priorities in Educational Programming 977  
*Wendy D. Marans, Emily Rubin, and Amy Laurent*
- Chapter 39. School-Based Programs 1003  
*Joel R. Arick, David A. Krug, Ann Fullerton, Lauren Loos, and Ruth Falco*
- Chapter 40. Helping Children with Autism Enter the Mainstream 1029  
*Jan S. Handleman, Sandra L. Harris, and Megan P. Martins*
- Chapter 41. Models of Educational Intervention for Students with Autism: Home, Center, and School-Based Programming 1043  
*Sandra L. Harris, Jan S. Handleman, and Heather K. Jennett*
- Chapter 42. Working with Families 1055  
*Lee M. Marcus, Linda J. Kunce, and Eric Schopler*
- Chapter 43. Employment: Options and Issues for Adolescents and Adults with Autism Spectrum Disorders 1087  
*Peter F. Gerhardt and David L. Holmes*
- Chapter 44. Psychopharmacology 1102  
*Lawrence Scahill and Andrés Martin*

## SECTION VII PUBLIC POLICY PERSPECTIVES

- Chapter 45. Preparation of Autism Specialists 1123  
*Gail G. McGee and Michael J. Morrier*
- Chapter 46. Educating Children with Autism: Current Legal Issues 1161  
*Myrna R. Mandlawitz*
- Chapter 47. Cross-Cultural Program Priorities and Reclassification of Outcome Research Methods 1174  
*Eric Schopler*

## SECTION VIII INTERNATIONAL PERSPECTIVES

- Chapter 48. International Perspectives 1193  
*Fred R. Volkmar*

**SECTION IX**  
**PERSONAL PERSPECTIVES**

- Chapter 49. Community-Integrated Residential Services for Adults with Autism:  
A Working Model (Based on a Mother's Odyssey) 1255  
*Ruth Christ Sullivan*
- Chapter 50. A Sibling's Perspective on Autism 1265  
*Jason B. Konidaris*
- Chapter 51. A Personal Perspective of Autism 1276  
*Temple Grandin*
- Chapter 52. A Teacher's Perspective: Adult Outcomes 1287  
*Virginia Walker Sperry*
- Chapter 53. Autism: Where We Have Been, Where We Are Going 1304  
*Isabelle Rapin*
- Author Index I•1
- Subject Index I•39