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Nota di contenuto	Cover; Contents; Acknowledgments; Contributors; Introduction; PART I: The Neurobiology and Psychology of Addiction; 1. Animal Models of Drug Addiction; 2. Human Laboratory Models of Addiction; 3. Neuroanatomy of Addiction; 4. Genetics of Addiction; 5. Epigenetic Changes in Addiction and Eating Disorders; 6. Feeding Systems and Drugs of Abuse; 7. Co-Occurring Addiction and Psychiatric Disorders; 8. The Study of Craving and Its Role in Addiction; 9. Stress and Addiction: A Brief Overview; PART II: Regulation of Eating and Body Weight; 10. The Changing Face of Global Diet and Nutrition 11. Weight and Diet among Children and Adolescents in the United States, 2005-2008 12. Genetics of Body Weight Regulation; 13. Central Regulation of Hunger, Satiety, and Body Weight; 14. Peripheral Regulation of Hunger and Satiety; 15. Food Intake and Metabolism; 16. Neuroendocrine Regulation of Energy Balance; 17. Prenatal

Programming of Obesity: Role of Macronutrient-Specific Peptide Systems; 18. The Biology and Psychology of Taste; 19. Leptin Gene Therapy for Hyperphagia, Obesity, Metabolic Diseases, and Addiction: A New Opportunity
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40. Stress and Reward: Neural Networks, Eating, and Obesity
41. Public Attitudes about Addiction as a Cause of Obesity; PART IV: Clinical Approaches and Implications; 42. Clinical Assessment of Food and Addiction; 43. Psychological Treatments for Substance Use Disorders; 44. Behavioral Treatments for Obesity; 45. Pharmacotherapy of Addictive Disorders; 46. Pharmacotherapy for Obesity: Current and Future Treatments; 47. Surgical Treatments for Obesity; 48. Treatment of Alcohol and Drug Dependence in 2011 and Relevance to Food Addiction; 49. Treatment of Binge Eating Disorder
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Sommario/riassunto

Can certain foods hijack the brain in ways similar to drugs and alcohol, and is this effect sufficiently strong to contribute to major diseases such as obesity, diabetes, and heart disease, and hence constitute a public health menace? Terms like "chocoholic" and "food addict" are part of popular lore, some popular diet books discuss the concept of addiction, and there are food addiction programs with names like Food Addicts in Recovery Anonymous. Clinicians who work with patients often hear the language of addiction when individuals speak of irresistible cravings, withdrawal symptoms when
