1. Record Nr. UNINA9910962112203321 Autore This Herve Titolo Molecular Gastronomy: Exploring the Science of Flavor New York,: Columbia University Press, 2006 Pubbl/distr/stampa Edizione [1st ed.] Descrizione fisica 1 online resource (392 p.) Collana Arts and Traditions of the Table: Perspectives on Culinary History Altri autori (Persone) DeBevoiseMalcolm Disciplina 641.5 664.072 Soggetti Flavor Food -- Sensory evaluation Molecular gastronomy Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Contents; Series Editor's Preface; Introduction to the English-Language Nota di contenuto Edition; Part One: Secrets of the Kitchen; 1. Making Stock; 2. Clarifying Stock; 3. Hard-Boiled Eggs; 4. Quiches, Quenelles, and Puff Pastries; 5. Echaudes and Gnocchi; 6. The Well-Leavened Souffle; 7. Quenelles and Their Cousins; 8. Fondue; 9. Roasting Beef; 10. Seasoning Steak; 11. Wine and Marinades; 12. Color and Freshness; 13. Softening Lentils; 14. Souffleed Potatoes; 15. Preserves and Preserving Pans; 16. Saving a Creme Anglaise: 17. Grains of Salt: 18. Of Champagne and Teaspoons: 19. Coffee, Tea, and Milk Part Two: The Physiology of Flavor20. Food as Medicine; 21. Taste and Digestion; 22. Taste in the Brain; 23. Papillary Cells; 24. How Salt Affects Taste; 25. Detecting Tastes; 26. Bitter Tastes; 27. Hot Up Front; 28. The Taste of Cold; 29. Mastication; 30. Tenderness and Juiciness; 31. Measuring Aromas; 32. At Table in the Nursery; 33. Food Allergies; 34. Public Health Alerts: Part Three: Investigations & Models: 35. The Secret of Bread; 36. Yeast and Bread; 37. Curious Yellow; 38. Gustatory Paradoxes; 39. The Taste of Food; 40. Lumps and Strings; 41. Foams; 42. Hard Sausage; 43. Spanish Hams

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Sommario/riassunto

Herve This (pronounced ""Teess"") is an internationally renowned chemist, a popular French television personality, a bestselling cookbook author, a longtime collaborator with the famed French chef Pierre Gagnaire, and the only person to hold a doctorate in molecular gastronomy, a cutting-edge field he pioneered. Bringing the instruments and experimental techniques of the laboratory into the kitchen, This uses recent research in the chemistry, physics, and biology of food to challenge traditional ideas about cooking and eating. What he discovers will entertain, instruct, and intrigue cooks