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Nota di contenuto	Part 1 Sperm Attraction, Activation and Acrosome Reaction -- 1 Sperm Chemotaxis: The First Authentication Events Between Conspecific Gametes Prior to Fertilization (Manabu Yoshida) -- 2 Respiratory CO2 Mediates Sperm Chemotaxis in Squids (Noritaka Hirohashi) -- 3 Specific Mechanism of Sperm Storage in Avian Oviducts (Tomohiro Sasanami) -- 4 Allurin: Exploring the Activity of a Frog Sperm Chemoattractant in Mammals (Douglas E. Chandler) -- 5 Structure, Function and Phylogenetic Consideration of Calaxin (Kazuo Inaba) -- 6 Cl- Channels and Transporters in Sperm Physiology (Alberto Darszon) -- 7 Equatorin-related Subcellular and Molecular Events During Sperm Priming for Fertilization in Mice (Kiyotaka Toshimori) -- 8 Acrosome Reaction-mediated Motility Initiation that is Critical for the Internal Fertilization of Urodele Amphibians (Akihiko Watanabe) -- 9 Analysis of the Mechanism that Brings Protein Disulfide Isomerase-P5 to Inhibit

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Sommario/riassunto

This book contains the proceedings of the International Symposium on
 the Mechanisms of Sexual Reproduction in Animals and Plants, where
 many plant and animal reproductive biologists gathered to discuss their
 recent progress in investigating the shared mechanisms and factors

involved in sexual reproduction. This now is the first book that reviews recent progress in almost all fields of plant and animal fertilization. It was recently reported that the self-sterile mechanism of a hermaphroditic marine invertebrate (ascidian) is very similar to the self-incompatibility system in flowering plants. It was also found that a male factor expressed in the sperm cells of flowering plants is involved in gamete fusion not only of plants but also of animals and parasites. These discoveries have led to the consideration that the core mechanisms or factors involved in sexual reproduction may be shared by animals, plants and unicellular organisms. This valuable book is highly useful for reproductive biologists as well as for biological scientists outside this field in understanding the current progress of reproductive biology.

2. Record Nr.	UNINA9910785176203321
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Titolo	Holotropic breathwork [[electronic resource]] : a new approach to self-exploration and therapy / / Stanislav Grof & Christina Grof ; foreword by Jack Kornfield
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""HOLOTROPIC BREATHWORK""; ""HOLOTROPIC BREATHWORK""; ""CONTENTS""; ""FOREWORD""; ""PREFACE""; ""ACKNOWLEDGMENTS""; ""CHAPTER ONE: Historical Roots of Holotropic Breathwork""; ""1. Sigmund Freud and the dawn of depth psychology""; ""2. Humanistic psychology and experiential therapies""; ""3. The advent of psychedelic therapy""; ""4. Abraham Maslow, Anthony Sutich, and the birth of

transpersonal psychology"; ""CHAPTER TWO: Theoretical Foundations of Holotropic Breathwork""; ""1. Holotropic states of consciousness""; ""2. Dimensions of the human psyche""
""3. The nature, function, and architecture of emotional and psychosomatic disorders""""4. Effective therapeutic mechanisms""; ""5. Strategy of psychotherapy and self-exploration""; ""6. The role of spirituality in human life""; ""7. The nature of reality: Psyche, cosmos, and consciousness""; ""CHAPTER THREE: Essential Components of Holotropic Breathwork""; ""1. The healing power of breath""; ""2. The therapeutic potential of music""; ""3. The use of releasing bodywork""; ""4. Supportive and nourishing physical contact""; ""5. Mandala drawing: The expressive power of art""
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""CHAPTER FIVE: Integration of the Breathwork Experience and Follow-Up Work""""1. Creating conditions for optimal integration""; ""2. Easing the transition to everyday life""; ""3. Conducting follow-up interviews""; ""4. Using various methods complementing holotropic breathwork""; ""CHAPTER SIX: Trials and Tribulations of Holotropic Breathwork Facilitators""; ""1. Encounter with the military junta in Buenos Aires""; ""2. Competing with the exhibition of Doberman pinschers""; ""3. Culture-bound challenges for Holotropic Breathwork facilitators""
""4. Technological ordeals in Holotropic Breathwork sessions""""5. The pisspot, oinking piglets, and smoldering Kleenexes""; ""6. Supreme ordeal Down Under""; ""7. Conducting Holotropic Breathwork in adversarial settings""; ""CHAPTER SEVEN: Therapeutic Potential of Holotropic Breathwork""; ""1. Healing of emotional and psychosomatic disorders""; ""2. Favorable Effect on Physical Diseases""; ""3. Effect on personality, worldview, life strategy, and hierarchy of values""; ""4. Potential for healing of cultural wounds and historical conflict resolution""
""CHAPTER EIGHT: Therapeutic Mechanisms Operating in Holotropic Breathwork""
