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Nota di contenuto	Intro -- THE PINEAL GLAND AND MELATONIN RECENT ADVANCES IN DEVELOPMENT, IMAGING, DISEASE AND TREATMENT -- THE PINEAL GLAND AND MELATONIN RECENT ADVANCES IN DEVELOPMENT, IMAGING, DISEASE AND TREATMENT -- Contents -- Foreword -- Preface -- The Allegory of the Kônaron: A Philosophical History of the Pineal Organ from Galen to Descartes -- Abstract -- Introduction -- Galenic Assumptions -- The Medieval Pineal Organ -- The Cartesian Pineal Paradigm -- Conclusion -- References -- Pineal Oculopotency: Factors and Developmental Milieu for Pineal Cell Differentiation -- Abstract -- 1. Introduction -- 2. Development of Avian Pineal Organs and Inductive Tissue Interaction -- 3. Pineal Retinopotency in Cell Culture of the Developing Rat -- 3.1. Differentiation of Rod Cell in Rat Pineal Culture -- 3.2. Differentiation of Neuronal Cells and Other Type of Cells in Rat Pineal Culture -- 4. Pineal Retinopotency in Cell Culture of the Avian Embryos -- 4.1. Regulation of Different Types of Photoreceptor Differentiation in Avian Pineal Cultures -- 4.2. Differentiation of Neuronal and Endocrinal Cells in Avian Pineal Culture -- 5. Pineal Oculopotency and Regulatory Factors -- 5.1. Lens Cell Differentiation -- 5.2. Differentiation of Pigment Epithelial Cells -- 5.3. Differentiation of Skeletal Muscle Fibers -- 6. Pineal Retinopotency

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