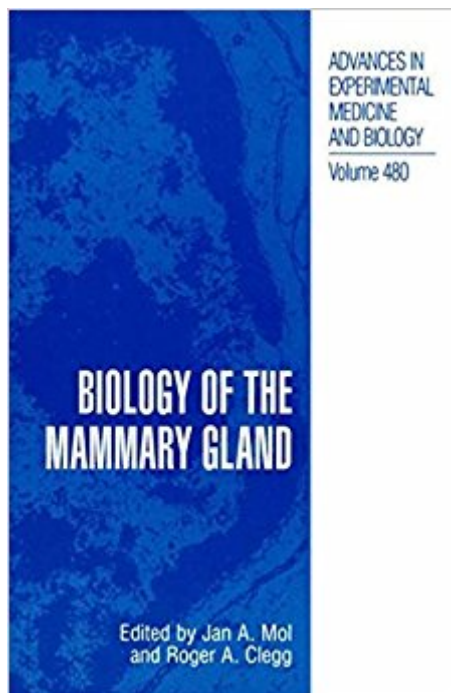


The book was found

# Biology Of The Mammary Gland (Advances In Experimental Medicine And Biology)



## Synopsis

Proceedings of the European Cooperation in the Field of Scientific and Technical Research (COST 825) Symposium on Mammary Gland Biology, held September 16-18, 1999, in Tours, France. It is difficult to overstate the evolutionary and functional significance of mammary tissue in biology. Substantial progress has been made by researchers in various disciplines, particularly over the last fifteen years, towards realizing the potential of this tissue to yield powerful experimental models for morphogenesis and tissue development; for cellular differentiation; for the biosynthesis and secretion of proteins, lipids, small molecules and inorganic salts; and for the coordination and regulation of these processes. More recently, the possibility of exploiting the secretory epithelial cells of mammary tissue as 'cell factories' has become a reality and the recombinant production by lactating animals of an increasing number of proteins, valuable both in the pharmaceutical and 'nutraceutical' fields, is in progress or under development. Also in this sphere of agricultural production, genetic as well as nutritional technologies are under investigation and exploitation to optimize milk composition for various end-uses - for instance in food process and manufacture. The possibilities of deriving health benefit from the bioactive properties of some of the minor constituents of milk are emerging to counter the highly-publicized negative health impact of excessive consumption of saturated animal fats. In human nutrition and medicine, the mammary gland is both a source of nutrition to the neonate and a potential health threat to the adult female - breast cancer remains the major single cause of female mortality in most developed countries. This volume provides a unique glimpse into our understanding, at the cutting edge of a variety of disciplines, of this versatile and extraordinary tissue, at the birth of the twenty-first century.

## Book Information

Series: Advances in Experimental Medicine and Biology (Book 480)

Hardcover: 314 pages

Publisher: Springer; 2002 edition (August 31, 2000)

Language: English

ISBN-10: 0306464144

ISBN-13: 978-0306464140

Product Dimensions: 7 x 0.8 x 10 inches

Shipping Weight: 1.7 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 1 customer review

Best Sellers Rank: #10,847,400 in Books (See Top 100 in Books) #74 in Books > Medical Books

> Veterinary Medicine > Oncology #74 in Books > Medical Books > Veterinary Medicine > Immunology #479 in Books > Medical Books > Veterinary Medicine > Anatomy & Physiology

## Customer Reviews

'...this book represents one of the best of its kind. Each chapter represents an excellent point of well-referenced initial contact to the increasing number of funded investigators interested in the biology of the mammary gland.' TRENDS in Endocrinology - Metabolism, 12:8(2001)

"this book represents one of the best of its kind. Each chapter represents an excellent point of well-referenced initial contact to the increasing number of funded investigators interested in the biology of the mammary gland."- TRENDS in Endocrinology, Metabolism 12:8

[Download to continue reading...](#)

Biology of the Mammary Gland (Advances in Experimental Medicine and Biology) Lactation and the Mammary Gland Advances in Modelling and Clinical Application of Intravenous Anaesthesia (Advances in Experimental Medicine and Biology) Neupilin: From Nervous System to Vascular and Tumor Biology (Advances in Experimental Medicine and Biology) Pineal Gland: Activate and Decalcify Your Pineal Gland - Improve Creativity and Imagination, Unlock Greater Awareness, and Connect To Your Higher Self ... Sixth Sense, DMT Spirit Guide, Meditation) Mechanisms of Lymphocyte Activation and Immune Regulation VIII: Autoimmunity 2000 and Beyond (Advances in Experimental Medicine and Biology) (v. 8) Sunlight, Vitamin D and Skin Cancer (Advances in Experimental Medicine and Biology) Neuroimmune Circuits, Drugs of Abuse, and Infectious Diseases (Advances in Experimental Medicine and Biology) Immune Mechanisms of Pain and Analgesia (Advances in Experimental Medicine and Biology) Iron Chelation Therapy (Advances in Experimental Medicine and Biology) Hormonal Carcinogenesis V (Advances in Experimental Medicine and Biology) Targeted Therapies in Cancer:: Myth or Reality? (Advances in Experimental Medicine and Biology) Phylogenetic Perspectives on the Vertebrate Immune System (Advances in Experimental Medicine and Biology) Therapeutic Ultrasound (Advances in Experimental Medicine and Biology) Experimental and Quasi-Experimental Designs for Generalized Causal Inference Integument and Mammary Glands (Monographs on Pathology of Laboratory Animals) Experimental Psychology (PSY 301 Introduction to Experimental Psychology) Experimental Structural Dynamics: An Introduction to Experimental Methods of Characterizing Vibrating Structures The Mammary Plays: Two Plays Advances in Photodynamic Therapy: Basic, Translational and Clinical (Engineering in Medicine & Biology)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)