



## Reproductive Immunology

Download now

[Click here](#) if your download doesn't start automatically

# Reproductive Immunology

## Reproductive Immunology

*Reproductive Immunology* is a compilation of research articles presented during the VII International Congress of Reproductive Immunology which was held in New Delhi, India on 27-30 October 1998. The articles pertain to the following six major themes:

1. Molecular and Immunological Aspects of Sperm-Egg Interaction
2. Embryonic-Endometrial Cross-Talk
3. Immunobiology of Pregnancy
4. Autoantibodies and Infertility
5. Immunocontraception
6. Mucosal Immunology and Reproductive Tract Infections

The first section deals with our current understanding of various steps involved in fertilization. The functional significance of sperm surface mannosidase and glutathione S-transferases to bind zona pellucida is described. The role of zona pellucida glycoproteins in the binding of sperm, induction of acrosome reactions and avoidance of polyspermy is discussed. In the second section, the role of various cytokines, growth factors and immunomodulatory agents in implantation of embryos is described. In the field of reproductive immunology, one of the major issues is to explore the successful gestation of the histoincompatible fetus in the uterus of an immunologically competent mother. The Proceedings presents the issues of paternal antigens at the feto-maternal interface and shows that Th2-type of immunity is involved in normal successful conception. The role of membrane-bound and soluble HLA-G in protecting the fetus from the lytic activities of maternal uterine and peripheral blood natural killer (NK) cells is also presented.

Nature's experiments suggest that antibodies against sperm-specific antigens are responsible for infertility in some women. The possibility that an immunogenetic background contributes to production of sperm-immobilizing antibodies in infertile women is discussed in the section on autoantibodies and infertility. The Proceedings presents the issue of Th1-type cytokines in inducing recurrent spontaneous abortions of unexplained etiology. The roles of  $\beta$ 2-glycoprotein 1 ( $\beta$ 2-GP1)-dependent anticardiolipin antibody, lupus anticoagulant, antiphospholipids, anti-thyroid antibody and anti-nuclear antibody in miscarriages are also described.

The rising global human population, particularly in the developing countries, has driven the need for new and safer methods of contraception. Fertility regulation by vaccines is thus an interesting proposition. The section on contraceptive vaccines discusses the latest advances in this area and describes the current status of vaccines based on  $\beta$ hCG, sperm antigens, zona pellucida glycoproteins, and riboflavin carrier proteins. The issues of mucosal immunity and strategies for enhancing local genital immune responses to combat HIV infection is discussed. The role of inflammatory and related cytokines in chorioamnionitis is described. The contents of this Proceedings describes various facets of reproductive immunology which will help us to design strategies to combat genital infections and miscarriages caused by immunological etiology. Descriptions of the molecular basis of gamete recognition, implantation and survival of the allogenic fetus will help in designing strategies for overcoming infertility and also new contraceptive approaches. The Proceedings will be useful to researchers and clinicians involved in basic or applied research in the disciplines of reproductive biology, reproductive immunology, and obstetrics and gynecology.

 [Download Reproductive Immunology ...pdf](#)

 [Read Online Reproductive Immunology ...pdf](#)

## Download and Read Free Online Reproductive Immunology

---

### From reader reviews:

#### **Lois Jennings:**

Reading can called imagination hangout, why? Because if you find yourself reading a book specifically book entitled Reproductive Immunology your brain will drift away trough every dimension, wandering in most aspect that maybe unidentified for but surely might be your mind friends. Imaging each word written in a book then become one contact form conclusion and explanation this maybe you never get ahead of. The Reproductive Immunology giving you a different experience more than blown away the mind but also giving you useful details for your better life in this era. So now let us show you the relaxing pattern here is your body and mind will likely be pleased when you are finished looking at it, like winning a. Do you want to try this extraordinary investing spare time activity?

#### **Jennifer Yost:**

Can you one of the book lovers? If yes, do you ever feeling doubt if you are in the book store? Make an effort to pick one book that you never know the inside because don't evaluate book by its cover may doesn't work the following is difficult job because you are scared that the inside maybe not since fantastic as in the outside search likes. Maybe you answer is usually Reproductive Immunology why because the wonderful cover that make you consider concerning the content will not disappoint a person. The inside or content is actually fantastic as the outside or cover. Your reading 6th sense will directly make suggestions to pick up this book.

#### **Mary McClellan:**

This Reproductive Immunology is great publication for you because the content that is certainly full of information for you who also always deal with world and also have to make decision every minute. This particular book reveal it information accurately using great organize word or we can state no rambling sentences included. So if you are read it hurriedly you can have whole info in it. Doesn't mean it only gives you straight forward sentences but difficult core information with splendid delivering sentences. Having Reproductive Immunology in your hand like getting the world in your arm, information in it is not ridiculous a single. We can say that no guide that offer you world inside ten or fifteen second right but this book already do that. So , this is certainly good reading book. Hello Mr. and Mrs. stressful do you still doubt that will?

#### **Susan Demar:**

Don't be worry if you are afraid that this book will filled the space in your house, you can have it in e-book method, more simple and reachable. This particular Reproductive Immunology can give you a lot of buddies because by you checking out this one book you have factor that they don't and make you actually more like an interesting person. This kind of book can be one of a step for you to get success. This guide offer you information that possibly your friend doesn't recognize, by knowing more than different make you to be great folks. So , why hesitate? Let me have Reproductive Immunology.

**Download and Read Online Reproductive Immunology  
#O46PRIUHNZD**

## **Read Reproductive Immunology for online ebook**

Reproductive Immunology Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Reproductive Immunology books to read online.

### **Online Reproductive Immunology ebook PDF download**

**Reproductive Immunology Doc**

**Reproductive Immunology Mobipocket**

**Reproductive Immunology EPub**