

About the Book

This third edition of immunology: essential and fundamental is an excellent tool for novices to the field of immunology who wish to explore the diverse aspects the human system and for educators who to spark their students imagination. While retaining the popular, student-friendly elements of the edition, such as summary boxes sidetrack, and acronym reference list every chapter, this new incorporates signification additional features :

- *Reorganized content*
- *Entire chapter on immune response to infections agent*
- *Enhanced illustrations*
- *Mind maps and flow charts*

Immunology: essential and fundamental renders the complete, rapidly expanding field of immunology non-intimidating and comprehensible to students

Contents:

1. *Introduction*
2. *Innate Immunity*
3. *Complement*
4. *Entities of adaptive immune response: Immunogens*
5. *Entities of the adaptive immune response: the lymphoid system*
6. *Molecules of adaptive immune recognition: Lymphocyte receptors*
7. *Molecules of adaptive immune recognition: antigen presenting molecules and antigen presentation*
8. *B Lymphocytes*
9. *T Lymphocytes*
10. *Humeral Immunity*
11. *Cell mediated immunity*
12. *Immune tolerance*
13. *Infections and the immune system*
14. *Cancer and the immune system*
15. *Autoimmunity*
16. *Hypersensitivity*
17. *Transplantation and transfusion immunology*