Molecular Biology of B Cells. Edition No. 2

Description: Molecular Biology of B Cells, Second Edition is a comprehensive reference to how B cells are generated, selected, activated and engaged in antibody production. All of these developmental and stimulatory processes are described in molecular, immunological, and genetic terms to give a clear understanding of complex phenotypes.

Molecular Biology of B Cells, Second Edition offers an integrated view of all aspects of B cells to produce a normal immune response as a constant, and the molecular basis of numerous diseases due to B cell abnormality. The new edition continues its success with updated research on microRNAs in B cell development and immunity, new developments in understanding lymphoma biology, and therapeutic targeting of B cells for clinical application. With updated research and continued comprehensive coverage of all aspects of B cell biology, Molecular Biology of B Cells, Second Edition is the definitive resource, vital for researchers across molecular biology, immunology and genetics.

- Covers signaling mechanisms regulating B cell differentiation
- Provides information on the development of therapeutics using monoclonal antibodies and clinical application of Ab
- Contains studies on B cell tumors from various stages of B lymphocytes
- Offers an integrated view of all aspects of B cells to produce a normal immune response

Contents:
1. Ig loci: structure and expression regulation
2. The mechanisms of V(DJ) recombination
3. Transcriptional regulation of B lymphocyte differentiation
4. B cell transcriptome
5. The role of microRNA in B cell development and function
6. Proliferation and differentiation program of developing B cells
7. Development and function of B cell subsets
8. Evolution of primordial B cell antigen receptor
9. The evolutionary origin of V(DJ) diversification
10. Receptor organization on B cells and its signaling
11. Fc and complement responses
12. The dynamic structure of germinal center: generation of high affinity Ab
13. Cell Migration
14. B cell as regulator
15. B cell memory and plasma cell development
16. Roles of lymphotoxin and Baff on B cells
17. The mucosal immune system: host-bacteria interaction and regulation of IgA synthesis
18. Gut microbiota and their regulation
19. Regulation and function of activation-induced cytidine deaminase
20. Molecular mechanism of CSR
21. Molecular mechanism of SHM
22. Aberrant AID expression by pathogen infection
23. Chromosomal translocation and mutations in B cell leukemia and lymphomas
24. B cells producing pathogenic autoantibodies
25. HIV neutralizing Ab
26. Immune deficiency caused by B cell defects
27. IMGT® for immunoglobulin repertoire analysis and antibody humanization
28. Humanized monoclonal Ab production
29. Ab therapy against lymphoma
30. Anti-interleukin-6 receptor antibody therapy against autoimmune inflammatory diseases
31. Ab therapy against chronic inflammatory immune-mediated diseases

Ordering:
Order Online - http://www.researchandmarkets.com/reports/2857146/
Order by Fax - using the form below
Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct.

- Product Name: Molecular Biology of B Cells. Edition No. 2
- Web Address: http://www.researchandmarkets.com/reports/2857146/
- Office Code: SCPLB53H

Product Format
Please select the product format and quantity you require:

| Quantity          | Hard Copy (Hard Back) | USD 155 + USD 28 Shipping/Handling |

* Shipping/Handling is only charged once per order.

Contact Information
Please enter all the information below in BLOCK CAPITALS

- Title: Mr □ Mrs □ Dr □ Miss □ Ms □ Prof □
- First Name: ____________________________
- Last Name: ____________________________
- Email Address: * _______________________
- Job Title: _____________________________
- Organisation: _________________________
- Address: ______________________________
- City: _________________________________
- Postal / Zip Code: _____________________
- Country: ______________________________
- Phone Number: _________________________
- Fax Number: __________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: __________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World