Introduction to Veterinary Pathology. 3rd Edition

Description: Introduction to Veterinary Pathology, Third Edition, is constructed for the beginning student in veterinary pathology, to introduce new scientific information on mechanisms of general tissue injury into the language of medicine. The basic concepts of pathology are integrated into clinical medicine. Chapters on cellular degeneration and necrosis, inflammation, thrombosis, hemodynamic disorders, and neoplasia have been reconstructed to include the latest in new scientific information and color illustrations of gross pathology. The revised 3rd edition also includes new chapters on infectious diseases, nutritional and metabolic diseases, ecosystems and environmental pathology, and forensic pathology and bioterrorism.

Contents:

Preface.

Introduction.


The Language of Pathology.

The Diagnosis.

Necrosis.

Adaptive Responses to Injury and Altered Stimulation.

Pathologists at Work.


Necrosis: Morphology and Mechanisms.

Apoptosis: Programmed Cell Death.

Cell Protection and Recovery.

3. Cellular Responses to Sublethal Injury.

Metabolite Overload.

Protein Aggregation Disorders.

Amyloid.

Calcification.

Pigments.

Crystals.

Connective Tissue Substances.

4. Inflammation.

Overview.

Clinical Signs and Lesions.
Pathogenesis of Acute Inflammation.
Systemic Signs of Acute Inflammation.
Chemical Mediators of Inflammation.
Chronic Inflammation.
Repair.
Angiogenesis.
Fibrosis.
Epithelialization.
Regeneration.
Overview.
Prevention of Coagulation by Normal Endothelium.
Platelet Aggregation.
Blood Coagulation.
Thrombosis.
7. Hemodynamic Disorders.
Cardiovascular Disease and its Consequences.
Edema.
Hemorrhage.
Shock.
Infarction.
Embolism.
Collateral and Compensatory Circulation.
Vascular Shunts and Fistulae.
Lymphatic Blockage.
Ischemia.
8. Neoplasia: Characterizing the Neoplasm.
Overview.
Benign vs Malignant.
Making the Correct Diagnosis.
The Spread of Neoplasms.
Clinical Effects of Neoplasms.
Restraint of Neoplastic Growth.
The Genetic Basis of Cancer.
The Cancer Cell.

Chemical Carcinogenesis.
Viral Oncogenesis.
Physical Agents Associated with Neoplasms.

11. Immunologic Disorders.
Disorders from Reduced Innate Immunity.
Defects in Adaptive Immunity.
Hypersensitivity Disease.
Autoimmune Disease.

Overview.
Mutant Genes of Large Effect (Mendelian Disorders).
Multifactoral (Polygenic) Inheritance Disorders.
Chromosomal Disorders.
Teratology.

13. Infectious Diseases.
Prions.
Viral Diseases.
Bacterial Diseases.
Fungal and Algal Diseases.
Pathology of Parasitism.

Nutritional Diseases.
Metabolic Diseases.
Aging.

15. Ecosystems and Forensic Pathology.
Airborne Pollutants: inhalation toxicity.
Environmental Pollutants.
Aquatic Ecosystems.
Agricultural Hazards.
Wildlife Ecosystems: free ranging animals.
16. Forensic Pathology.
Forensic Science.
Bioterrorism.
Index

Ordering:
Order Online - http://www.researchandmarkets.com/reports/2221995/
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.

<table>
<thead>
<tr>
<th>Product Name:</th>
<th>Introduction to Veterinary Pathology. 3rd Edition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Web Address:</td>
<td><a href="http://www.researchandmarkets.com/reports/2221995/">http://www.researchandmarkets.com/reports/2221995/</a></td>
</tr>
<tr>
<td>Office Code:</td>
<td>SCDKCRRI</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hard Copy (Hard Back):</td>
</tr>
</tbody>
</table>

* Shipping/Handling is only charged once per order.

Contact Information
Please enter all the information below in **BLOCK CAPITALS**

<table>
<thead>
<tr>
<th>Title:</th>
<th>Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof [ ]</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Name:</td>
<td>Last Name:</td>
</tr>
<tr>
<td>Email Address: *</td>
<td></td>
</tr>
<tr>
<td>Job Title:</td>
<td></td>
</tr>
<tr>
<td>Organisation:</td>
<td></td>
</tr>
<tr>
<td>Address:</td>
<td></td>
</tr>
<tr>
<td>City:</td>
<td></td>
</tr>
<tr>
<td>Postal / Zip Code:</td>
<td></td>
</tr>
<tr>
<td>Country:</td>
<td></td>
</tr>
<tr>
<td>Phone Number:</td>
<td></td>
</tr>
<tr>
<td>Fax Number:</td>
<td></td>
</tr>
</tbody>
</table>

* 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