

TEMATICĂ CONCURS BURSE ERASMUS 2016
ANUL II

ANATOMIE

BIBLIOGRAFIE: GRAY's *Anatomy*, The anatomical Basis of Clinical Practice, 39-th Edition, Editor-in-Chief Susan Standring, Elsevier Churchill Livingstone, 2005

SECTION 6 Thorax

1. Mediastinum p.977
2. Heart p.996-1020
3. Pericardium p.995-996
4. Lungs p.1067-1075
5. Pleura p.1063-1067

SECTION 7 Abdomen and pelvis (La nici unul dintre organe nu trebuie studiată microstructura)

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24. Uterus p.1331-1334

FIZIOLOGIE

SISTEM CARDIO-VASCULAR SI SISTEM ENDOCRIN

BIBLIOGRAFIE: Arthur C. Guyton & John. E. Hall - "Textbook of Medical Physiology"; 12th ed. 2011, W.B. Saunders (existenta in biblioteca UMF)

ENDOCRINOLOGY AND REPRODUCTION

1. Chapt. 74 Introduction to Endocrinology (p 881-892)
2. Chapt. 75 The Pituitary Hormones and their Control by the Hypothalamus (p 895-906)
3. Chapt. 76 The Thyroid Metabolic Hormones (p 907-919)
4. Chapt. 77 The Adrenocortical Hormones (p 921-937)
5. Chapt. 78 Insulin, Glucagon and Diabetes Mellitus (p 939-954)
6. Chapt. 79 Parathyroid Hormone, Calcitonin, Calcium and Phosphate Metabolism, Vitamin D, Bone and Teeth (p 955-972)
7. Chapt. 80 Reproduction and Hormonal Functions of the Male: Spermatogenesis (p 973-978); Testosterone and other Male Sex Hormones (p 979-984) The Pineal Gland (p 986)
8. Chapt. 81 Female Physiology before Pregnancy and Female Hormones (p 987-1002)

THE HEART

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10. Chapt. 10 Rhythmical Excitation of the Heart (p 115-120)
11. Chapt. 11 The Normal Electrocardiogram (p 121-127)
12. Chapt. 12 Electrocardiographic Interpretation of Cardiac Muscle and Coronary Abnormalities: Vectorial Analysis (p 129-142)

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8. Chapt. 21 Muscle Blood Flow and Cardiac Output during exercise; the Coronary Circulation and Ischemic heart disease (p 243-253)
9. Chapt. 23 Heart Valves and heart Sounds - Normal and Abnormal Heart Sounds (p 265-268)

BIOLOGIE CELULARĂ

- **Molecular Cell Biology**, Lodish H, Berk A, Zipursky SL, et al. **2000 4th edition**, New York, W. H. Freeman
 - Section 20.1 *Overview of Extracellular Signaling*
<http://www.ncbi.nlm.nih.gov/books/NBK21517/#A5726>
 - Section 20.2 *Identification and Purification of Cell-Surface Receptors*
<http://www.ncbi.nlm.nih.gov/books/NBK21553/>
 - Section 20.7 *Interaction and Regulation of Signaling Pathways*
<http://www.ncbi.nlm.nih.gov/books/NBK21659/>

HISTOLOGIE

- **Junqueira's Basic Histology, TEXT & ATLAS** Antony L.Mescher **2013**, 13th edition, McGraw-Hill
 - *The circulatory system* pg. 212-233.
 - *Endocrine glands* pg. 404-428.
 - *Principal enteroendocrine cells in the gastrointestinal tract* pg. 308
- **Histology: A Text and Atlas**, M.H. Ross, W.Pawlina **2011 Sixth Edition**, Lippincott Williams & Wilkins,
 - Chapter 13. *Cardiovascular system* pg. 400-430.
 - Chapter 21. *Endocrine organs* pg. 740-771.