

TEMATICĂ CONCURS BURSE ERASMUS 2020
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

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BIOLOGIE CELULARĂ

- **Molecular Biology of the Cell**, B. Alberts et al. **2015** *Sixth Edition, Garland Science*
 - Chapter 11. *Membrane transport* pg. 594-615, 620-630

HISTOLOGIE

- **Histology: A Text and Atlas**, W. Pawlina **2016** *Seventh Edition, Wolters Kluwer*
 - Chapter 13. *Cardiovascular system* pg. 404-431
 - Chapter 17. *The gastrointestinal endocrine system* pg. 578-582
 - Chapter 21. *Endocrine organs* pg. 742-775

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)
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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)

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