

**TEMATICĂ CONCURS BURSE ERASMUS 2017**  
**ANUL III**

**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)

1. Stomach (parts, relations, vascular supply and lymphatic drainage, innervation) p.1143-1150
2. Duodenum p.1163-1166
3. Jejunum and ileum p. 1167-1171
4. Caecum p.1187-1188
5. Vermiform appendix p.1189-1190
6. Ascending colon p.1191-1192
7. Transverse colon p.1193-1194
8. Descending colon p.1195
9. Sigmoid colon p.1197-1198
10. Rectum -partea introductivă descriptivă p.1199, relations p.1202, vascular supply and lymphatic drainage, innervation p.1203-1204
11. Anal canal- lining of the anal canal p.1205-1207, muscles p.1207-1208, vascular supply and lymphatic drainage p.1210
12. Liver (external features, lobation and segmentation, vascular supply and lymphatic drainage, innervation) p.1213-1222
13. Gallbladder and biliary tree – gallbladder p.1127, cystic duct, hepatic bile ducts, common bile duct p.1228, vascular supply and lymphatic drainage, innervation p.1229-1230
14. Pancreas (fără pancreatită and pseudochistul) p.1231-1234
15. Spleen p.1239-1241
16. Suprarenal gland p. 1245-1247
17. Kidney p.1269-1277
18. Ureter p.1285-1287
19. Bladder –partea introductivă p.1289-1290, vascular supply and lymphatic drainage p.1291
20. Prostate p.1301-1302
21. Testes and epididymes – p.1305-1307
22. Ovaries p.1321-1323

23. Uterine tubes p.1327-1328
24. Uterus p.1331-1334

## **SECTION 2 Neuroanatomy**

1. Ventricular system and cerebrospinal fluid – lateral ventricle p.287-288, third ventricle p. 288-291, fourth ventricle p. 291
2. Anterior cerebral artery p.297-298
3. Middle cerebral artery p.298
4. Vertebral artery p.298-300
5. Basilar artery p.300
6. Posterior cerebral artery p.300-301
7. Circulus arteriosus p.301

## **BIOLOGIE CELULARĂ**

- **Molecular Biology of the Cell**, B.Alberts et al. **2014** *Six Edition, Garland Science*
  - Chapter 15. *Cell Signaling* pg. 813-888

## **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)
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**

9. Chapt. 9 Heart Muscle; The Heart as a Pump (p 101-113)
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)

### **THE CIRCULATION**

1. Chapt. 14 Overview of the Circulation. Biophysics of pressure, flow and resistance (p 157-166)
2. Chapt. 15 Vascular Distensibility and Function of the Arterial and Venous System (p 167-176)
3. Chapt. 16 The Microcirculation and the Lymphatic System (p 177-189)
4. Chapt. 17 Local and Humoral Control of the Tissues Blood Flow (p 191-200)
5. Chapt. 18 Nervous Regulation of the Circulation and Rapid Control of Arterial Pressure (p 201- 211)
6. Chapt. 19 Role of the Kidneys in Long-Term Control of Arterial Pressure (p 213-228)
7. Chapt. 20 Cardiac Output, Venous Return and their Regulations (p 229-241)
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)

### **SI**

Anthony S. Fauci, Dennis L. Kasper, Dan L. Longo, Eugene Braunwald, Stephen L. Hauser, J. Larry Jameson - **Harrison's Principles of Internal Medicine**; 17th ed., 2008, McGraw Hill  
(existentă în bibliotecă UMF)

Part II Section 10 Bleeding and Thrombosis (p. 363-369)

Part XV Section I Principles of Endocrinology (p 2187-2195)