

PhD: BONE BIOLOGY - SECOND SEMESTER SCHEDULE

SUBJECTS: Functional Human Osteology and Bone Aging & Bone Pathology and Bone Imaging Techniques

Date and time: **po dogovoru kandidata sa predavačima**

	Subject	Hours
M. Đurić	Bone structure	2
M. Đurić	Joints – functional anatomy	1
D. Hrnčić	Bone and joint physiology	2
A. Janović	Bone X-ray	3
T. Pekmezović	Epidemiology of infectious diseases involving skeleton	9
M. Đurić	Bone remodeling cycle Bone mechanical adaptation	3
P. Milovanović	Methods for evaluation of bone microstructure and composition	2
	Bone - polarizing microscopy, SEM, TEM	2
J. Sopta	Cell cycle	2
	Carcinogenesis and carcinogenic agents	2
	Biology of tumor growth; Host defense against tumors: tumor immunity	2
S. Spremović	Aging - changes of reproductive organs, and the reflection on the skeletal system	2
B. Štimec On-line	Blood supply of bones and joints	2
M. Petakov	Osteoporosis, calcium homeostasis and hormonal control	2
J. Sopta	Techniques in diagnostic bone pathology	2
	Metabolic bone diseases	2
	Bone tumors: cytology, pathology & correlation. Possibilities and limitations of pathology	6
N. Petronijević	Introduction to bone mechanotransduction	2
M. Đurić	Selection of topics for the final presentations	1

A. Janović	OPT, CT skull	3
M. Ivočić	Osteodensitometry	1
P. Milovanović	Nerve supply of bones and joints	2
S. Despotović	Aging	2
R. Maksimović	Bone MR, CT	2
V. Artiko	Bone PET, bone scintigraphy	2
D. Đonić	Bone changes in chronic diseases	2
M. Đurić	Final presentations	3