

COURSE: CLINICAL CHEMISTRY I

Course content:

Introduction to Clinical Chemistry - Sampling - Reference Values Internal and external quality control of the Clinical Laboratory - Automation in Clinical Laboratory, serum proteins, analytical and diagnostic enzymology, Indices cancer Investigation of liver function, Lipoproteins: structure, function, atherosclerosis Neoteroi pathogenicity index, heart failure, Investigation of electrolyte balance - blood gases, Biochemical and hormonal monitoring of pregnancy, Laboratory investigation of nerve system diseases, Trace elements: the role of trace elements in the functioning of the human body - trace elements in the clinical laboratory, adrenal function - gonadal function, endocrinology, hormones, dynamic functional tests.

LECTURERS

Faculty members:

Chemistry Department:

E. Lianidou (coordinator), Professor,

T. Atta-Politou, As.Professor,

N. Thomaidis, As.Professor

School of Medicine:

P. Moutsatsou, Professor,

D.. Rizos As.Professor,

L. Varsos, As.Professor,

Ch. Kroupis, As.Professor

Retired Faculty members:

Th. Dessypris, Professor, Faculty Member Department of Biology,

P.A Siskos, Professor, Faculty Member Department of Chemistry

Collaborators:

M. Talieri

A. Mark, Postdoctoral Researcher, Department of Chemistry,

A. Strati, Postdoctoral Researcher, Department of Chemistry

ASSESSMENT METHOD:

Written exam