

### **Main Topics (21)**

- Law and ethics: civil and criminal responsibilities**
- Cancer and tumor immunology; malignancies arising from the immune system cells**
- Research in laboratory sciences: Hematology**
- Research in laboratory sciences: clinical Biochemistry (1)**
- New methods in diagnosis of inherited metabolic diseases**
- Role of human resources in laboratory accreditation and management**
- Screening of fetal abnormalities in pregnant mothers: double, triple quadruple marker and Sonography**
- Research in laboratory sciences: clinical Immunology and Serology**
- Laboratory specimen referral: opportunities and challenges**
- Challenges of doing research in clinical laboratory**
- Technology management in clinical diagnosis laboratory**
- Laboratory and diabetes mellitus**
- Challenges of Thyroid function tests**
- Pathology of clinical laboratory education and the related Curricula**
- Research in laboratory sciences: clinical Microbiology**
- Research in laboratory sciences: Diabetes**
- Laboratory and the Environment**
- Laboratory and chronic kidney diseases**
- Laboratory and nosocomial infections**
- Medical laboratory in present and in future**
- Research in laboratory sciences: clinical Biochemistry (2)**

### **Workshops (12)**

- Novel microbiological systems and automated blood culture devices**
- Quality control and interpretation of laboratory tests of thyroid hormones for nursing and midwifery**
- Personalized diagnostics and treatment of breast cancer**
- Pediatric reference ranges for chemistry analytes**
- Future medical laboratories and their roles in personalized medicine**
- TDM of anticancer drugs**
- Fatty acid oxidation defects and its clinical significance**
- Quality control and quality assurance in immunology and serology laboratory**
- Assay Interferences in Thyroid Function Tests**
- How could you evaluate the performance in the laboratory?**
- The sample referral systems amongst clinical laboratories in Europe**
- Criteria for good laboratory practice**
- Significance of occult hepatitis B infection (OBI) diagnosis in clinical settings**