

SCIENTIFIC PROGRAM

26 October 2019, Saturday

TIME	HALL B
09:00-17:00	EFLM Course: How to write a good scientific and professional article? <i>Sverre Sandberg, Noklus, Norway - Elvar Theodorsson, Ike/Klinisk Kemi, Sweden</i>

27 October 2019, Sunday

TIME	HALL B
09:00-17:00	EFLM Course: How to write a good scientific and professional article? <i>Sverre Sandberg, Noklus, Norway - Elvar Theodorsson, Ike/Klinisk Kemi, Sweden</i>

TIME	HALL C
09:00-17:00	COURSE: miRNA isolation and expression training program <i>Aylin Sepici Dincel, Gazi University, Turkey - Oytun Portakal, Hacettepe University, Turkey</i>

TIME	HALL A
17:00-17:30	Opening Ceremony <i>Doğan Yücel</i> <i>TBS President</i> <i>Congress President</i> <i>Tomris Özben</i> <i>Congress Co-President</i> <i>BCLF Past-President and Representative of TBS</i> <i>EFLM President-Elect</i> <i>IFCC Treasurer</i> <i>IFCC Foundation for Emerging Nations (FEN), Board of Directors</i> <i>Jozo Coric</i> <i>BCLF President</i> <i>Sverre Sandberg</i> <i>EFLM Past-President</i> <i>Khosrow Adeli</i> <i>IFCC President-Elect</i>
17:30-18:30	Opening Lecture Quality and patient safety in laboratory medicine <i>Mario Plebani, University Of Padova, Italy</i>

SCIENTIFIC PROGRAM

28 October 2019, Monday

Time	HALL A
08:30-10:00	SESSION 1 <i>Moderators: Diler Aslan, Turkey - Süleyman Demir, Turkey</i>
08:30-09:00	eApps and medical diagnostics data management <i>Khosrow Adeli, University Of Toronto, Canada</i>
09:00-09:30	The statistical principles of laboratory data analysis <i>Muhittin Serdar, Acibadem University, Turkey</i>
09:30-10:00	Evaluating the performance of autoverification processes using Six Sigma approach <i>Abdurrahman Coskun, Acibadem University, Turkey</i>
10:00-10:30	Coffee Break
10:30-11:15	Plenary Lecture: <i>Moderator: Tomris Ozben, Turkey</i> Uncertainty in laboratory medicine <i>Mario Plebani, University Of Padova, Italy</i>
11:15-12:00	Industry Sponsored Symposium 1 (Beckman Coulter) <i>Moderator: Abdurrahman Coskun, Turkey</i> The role of auto-verification in postanalytical process improvement <i>Speaker: Ozlem Gulbahar</i>
12:00-13:15	Lunch Break
13:15-14:00	Industry Sponsored Symposium 2 (Snibe) <i>Moderator: Mehmet Senes, Turkey</i> The clinical performance of Maglumi AMH, 17-OH progesterone and B2 microglobulin <i>Speaker: Pinar Eker</i>
14:00-14:45	Plenary Lecture: <i>Moderator: Nazmi Ozer, Turkey</i> Harmonisation in clinical laboratories and the harmonisation activities of EFLM <i>Sverre Sandberg, Noklus, Norway</i>
14:45-16:30	SESSION 2 <i>Moderators: Erdinc Devrim, Turkey - Aylin Sepici Dincel, Turkey</i>
14:45-15:15	Adding value in thyroid cancer diagnostic: thyroglobulin and calcitonin measurement in fine needle aspirate washout <i>Andra Caragheorgheopol, C.I.Parhon National Institute of Endocrinology, Romania</i>
15:15-15:45	Mass spectrometry achieving prominence in clinical medicine <i>Dobrin Svinarov, Alexander Hospital, Medical University Of Sofia, Bulgaria</i>
15:45-16:00	Significant inflammatory response to obese and nonobese subjects, facts and promises <i>Driton Sopa, University Clinical Center Of Kosova, Kosovo</i>
16:15-16:25	O-019 Evaluation of inflammatory status with procalcitonin and neopterin in healthy overweight and obese adults based on waist hip ratio <i>Cigdem Sonmez, University of Health Sciences, Turkey</i>
16:30-17:00	Coffee Break
17:00-18:00	Oral Presentations 1 <i>Moderators: Cumhur Bilgi, Turkey - Oytun Portakal, Turkey</i>
17:00-17:15	Assessment of vitamin D status deficiency in Albanian pregnant women <i>Ersida Kapllani, University Hospital Centre Mother Teresa, Albania</i>
17:15-17:30	Anti müllerian hormone: new roles for an established biomarker of ovarian reserve <i>Demetrios Rizos, National And Kapodistrian University Of Athens, Greece</i>
17:30-17:45	Evidence of HbC disease in Albania. Clinical heterogeneity related to combination with other hemoglobin disorders <i>Etleva Refatllari, University Hospital Center Mother Teresa, Albania</i>
17:45-18:00	
18:00-19:00	APLUSTBD EXTERNAL QUALITY ASSESSMENT SCHEME <i>Moderator: Dogan Yucel, Turkey</i> Why APLUSTBD EQAS? <i>Dogan Yucel, Turkey</i> The IFCC committee on EQA and Proficiency Testing (IFCC C-PT) Major programs and new projects. <i>Alexander Haliassos, Greece</i> A new approach to EQA and APLUSTBD <i>Mujdat Aytekin, Turkey</i> Being consistently wrong is no longer acceptable <i>David Seccombe, Canada</i>
21:00-22:00	Yesterday, today, and tomorrow of medical laboratory services in Turkey: a discussion <i>Moderator: Dogan Yucel, Turkey</i> <i>Ferzane Mercan, Turkey</i>

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Time	HALL B
08:30-10:00	Oral Presentations 2 Moderators: Halef Okan Dogan, Turkey - Dilek Iren Emekli, Turkey
08:30-08:40	O-001 Thymoquinone and Sorafenib as a therapeutic combination in liver cancer: In vitro and in vivo <i>Eray Metin Guler, Bezmialem Vakif University, Turkey</i>
08:40-08:50	O-002 Investigation of type I collagen and MMP-2 changes in mandibular bone tissue in natural development <i>Velid Unsal, Artuklu University Mardin, Turkey</i>
08:50-09:00	O-003 Induction of APAF-1 and TRAIL by bilberry tea in HCT-116 colon cancer cell line <i>Burak Durmaz, Ege University, Turkey</i>
09:00-09:10	O-004 Induction of apoptosis and cell cycle arrest by pomegranate extract and tangeretin in the rat mammary carcinogenesis <i>Huseyin Fatih Gul, Kafkas University, Turkey</i>
09:10-09:20	O-005 Preparation of magnetic nanoparticle coated glutaraldehyde to reduce toxic effects of idarubicin and its effect on HL60 cell line <i>Hasan Ulusul, Gaziantep University, Turkey</i>
09:20-09:30	O-006 The effects of overexpression of acetylcholinesterase on amyloid precursor protein and β -secretase-1 levels in Hs766T cells <i>Kevser Biberoglu, Hacettepe University, Turkey</i>
09:30-09:40	O-007 Genome-wide CRISPR-Cas9 screening for identification of cancer essential genes in malignant pleural mesothelioma <i>Ece Cakiroglu, Dokuz Eylul University, Izmir, Turkey; Izmir Biomedicine and Genome Center, Izmir, Turkey</i>
09:40-09:50	O-008 The importance of serum hyaluronidase measurement in discrimination of patients with prostate cancer and benign prostatic hyperplasia <i>Zeynep Adiyaman Koçer, University of Health Sciences, Turkey</i>
09:50-10:00	O-009 Antioxidant and anti-denaturation activities of asparagus horridus grows in North Cyprus <i>Duygu Gencalp, Eastern Mediterranean University, North Cyprus</i>
10:00-10:30	Coffee Break
14:45-18:15	COURSE: Applying six sigma to analytical performance in the medical laboratories <i>Hassan Bayat, Sina Medical Laboratory (Qaem Shahr), Iran</i>
16:30-17:00	Coffee Break
14:45-18:15	COURSE: Applying six sigma to analytical performance in the medical laboratories <i>Hassan Bayat, Sina Medical Laboratory (Qaem Shahr), Iran</i>

SCIENTIFIC PROGRAM

28 October 2019, Monday

Time	HALL C
08:30-10:00	Oral Presentations 3 Moderators: Yasemin Ucal, Turkey - Neval Aksoy, Turkey
08:30-08:40	O-010 CA125 test request ratio in male patients <i>Huriye Erbak Yılmaz, İzmir Atatürk Education and Research Hospital, Turkey</i>
08:40-08:50	O-011 Evaluation of tumor marker tests in a hospital setting <i>Muzaffer Katar, Tokat Gaziosmanpaşa University, Turkey</i>
08:50-09:00	O-012 Detection of preanalytical errors in blood gas analysis <i>Hayat Ozkanay Yoruk, İzmir Katip Çelebi University, Turkey</i>
09:00-09:10	O-013 The effect of hemolysis and storage conditions on insulin stability <i>Didem Barlak Ket, Erciyes University, Turkey</i>
09:10-09:20	O-014 Falsely low levels of unconjugated estradiol: A case series of interference by anti-ALP antibodies <i>Merve Sibel Gungoren, Duzen Laboratories Group, Turkey</i>
09:20-09:30	O-015 What if all is well except insulin? A macroinsulin case report <i>Cevdet Zungun, Duzen Laboratories Group, Turkey</i>
09:30-09:40	O-016 Comparison of biochemical analytes in different blood collection tubes and evaluation of stability <i>Fatma Demet Arslan, University of Health Sciences, Turkey</i>
09:40-09:50	O-017 Elevated high sensitivity troponin in the absence of coronary artery disease: a case report <i>Feyza Yagmur Tekeli, Antalya Education and Research Hospital, Turkey</i>
09:50-10:00	O-018 Serum separation problem on gel tubes: is it a problem or a clue of some clinical conditions? <i>Ahmet Ozsoy, University of Health Sciences, Turkey</i>
10:00-10:30	Coffee Break
14:45-16:30	Oral Presentations 4 Moderators: Guzin Aykal, Turkey - Oguzhan Zengi, Turkey
14:45-14:55	
14:55-15:05	O-021 Simultaneous determination, quantitation and validation of the most used benzodiazepines in urine <i>Cigdem Karakukcu, Kayseri City Hospital, Turkey</i>
15:05-15:15	O-022 Association of Ncb2/Nesfatin-1 gene polymorphism with obstructive sleep apnea severity <i>Deniz Mihcioglu, SANKO University, Turkey</i>
15:15-15:25	O-023 The effect of lycopene on autophagy in fluoride toxicity in kidney cells <i>Ayşe Usta, Van Yuzuncu Yil University, Turkey</i>
15:25-15:35	
15:35-15:45	O-025 The relationship between WNT signaling activity and organ attitudes in scleroderma disease sub-groups <i>Ayşe Kocak, Dokuz Eylul University, Turkey</i>
15:45-15:55	O-096 Reelin enzyme levels in emergency service suicide or self harm attempt patients <i>Turgut Dolanbay, Kafkas University Health Research and Application Hospital, Turkey</i>
15:55-16:05	O-027 Towards the clinical implementation of pharmacogenetics in cardiology: Serbian experience <i>Sanja Stankovic, Clinical Center of Serbia, Serbia; Business Academy University Novi Sad, Serbia</i>
16:05-16:15	
16:15-16:25	
16:30-17:00	Coffee Break
17:00-18:00	Oral Presentations 5 Moderators: Murat Cihan, Turkey - Mine Erguven, Turkey
17:00-17:10	O-030 Inhibitory effect of glyphosate on butyrylcholinesterase and acetylcholinesterase activity <i>Ayşe Ulusoy, Cukurova University, Turkey</i>
17:10-17:20	O-031 Evaluation of Roche Accu-Chek Inform II glucose test strip system in the hospital setting <i>Settar Kosova, Caycuma/Zonguldak State Hospital, Turkey</i>
17:20-17:30	O-032 Evaluation of urine drug screening test results between 2016-2018 years in Kanuni Education and Research Hospital Laboratory <i>Nazime Cebi, University of Health Sciences, Kanuni Education and Research Hospital Laboratory, Turkey</i>
17:30-17:40	O-033 Pregabalin substance abuse <i>Saliha Aksun, İzmir Katip Çelebi University, Turkey</i>
17:40-17:50	O-034 The protein supplements and its inhibition of liver enzymes at athletes <i>Nafija Serdarevic, University of Sarajevo, Bosnia and Herzegovina</i>
17:50-18:00	O-035 Effect of bariatric surgery on ghrelin-hepatosteatosis interaction: The Selcuk University Faculty of Medicine example <i>Hakan Vatansev, Necmettin Erbakan University, Turkey</i>

SCIENTIFIC PROGRAM

29 October 2019, Tuesday

Time	HALL A
08:30-10:00	SESSION 3 <i>Moderators: Ebubekir Bakan, Turkey - Berrin Bercik Inal, Turkey</i>
08:30-09:00	Analytical performance goals <i>Hassan Bayat, Sina Medical Laboratory (Qaem Shahr), Iran</i>
09:00-09:30	Quality management: illuminating the path to ISO 15189 accreditation. A view from the Republic of North Macedonia <i>Katerina Tosheska-Trajkovska, Medical Faculty/Institute Of Medical And Experimental Biochemistry, Macedonia</i>
09:30-10:00	Quality control in research laboratory: The need for standardization <i>Yasemin Ucal, Acibadem Mehmet Ali Aydinlar University, Turkey</i>
10:00-10:30	Coffee Break
10:30-11:15	Plenary Lecture: <i>Moderator: Jozo Čorić, Bosnia and Herzegovina</i> Bias in clinical chemistry <i>Elvar Theodorsson, Ike/Klinisk Kemi, Sweden</i>
11:15-12:00	Industry Sponsored Sympoisum 3 (Roche) <i>Moderator: Cem Öcal, Turkey</i> Automation solutions in laboratories <i>Speaker: Cigdem Karakukcu</i>
12:00-13:15	Lunch Break
13:30-14:15	Industry Sponsored Sympoisum 4 (Mindray) <i>Moderator: Muhittin Serdar, Turkey</i> Clinical utility of Reticulocyte Hemoglobin and Hypochromic erythrocytes reported by Mindray BC6800 Plus hematology analyzer in the study of erythropoiesis <i>Speaker: Eloisa Urrechaga</i> <i>Senior Consultant for Clinical Laboratory</i>
14:15-15:00	Plenary Lecture: <i>Moderator: Nada Majkic-Singh, Serbia</i> Value and impact of laboratory medicine in healthcare delivery <i>Khosrow Adeli, University Of Toronto, Canada</i>
15:00-16:45	SESSION 4 <i>Moderators: Ali Unlu, Turkey - Ebru Sezer, Turkey</i>
15:00-15:30	Lipid guidelines: emerging evidence on importance of non-fasting and postprandial lipids <i>Khosrow Adeli, University Of Toronto, Canada,</i>
15:30-16:00	Apolipoprotein profiling for addressing residual cardiovascular risk: in search of a personalized and metrologically sound answer to the latest dyslipidemia guidelines <i>Christa Cobbaert, Lumc, The Netherlands</i>
16:00-16:30	The importance of cholesterol synthesis and absorption markers determination in healthy subjects and patients with ischemic heart disease <i>Tamara Gojkovic, University Of Belgrade, Serbia</i>
16:30-16:45	Impact of redox imbalance and inflammation on activity of paraoxonase 1 and its distribution in high density lipoprotein in polycystic ovary syndrome <i>Iva Perović Blagojević, KBC Dr Dragiša Mišović - Dedinje, Serbia</i>
16:45-17:15	Coffee Break
17:15-18:15	Oral Presentations 6 <i>Moderators: Anyla Bulu Kasneci, Albania - Alexander Haliassos, Greece</i>
17:15-17:30	Sensitive assessment of white blood cell functionality by novel hematological parameters <i>Milena Velizarova, Medical University- Sofia, Bulgaria; Alexander University, Bulgaria</i>
17:30-17:45	The future of cytometry in Europe <i>Georgios Markopoulos, University of Ioannina, Greece</i>
17:45-18:00	Significance of the determination of biomarkers of bone resorption and formation in patients with end stage renal disease <i>Neda Milinković, University of Belgrade, Serbia</i>
18:00-18:15	CEA monitoring in colorectal carcinoma - to the limit of the guidelines and beyond <i>Yana Bocheva, Medical University- Varna, Bulgaria</i>
20:00-23:00	29 October, Republic Day Celebration & Networking Event

SCIENTIFIC PROGRAM

29 October 2019, Tuesday

Time	HALL B
08:30-13:00	COURSE: Mass spectrometre use in clinical laboratory practice (Basic Course) <i>Ali Unlu, Selcuk University, Turkey - Muhittin Serdar, Acibadem University, Turkey - Sedat Abusoglu, Selcuk University Faculty of Medicine, Turkey</i>
14:50-18:00	Workshop: TUBITAK UME (National Metrology Institute of TURKEY) - Elements of Metrological Traceability for Laboratory Medicine Traceability in laboratory medicine and IVD directives <i>Tomris Ozben, Akdeniz University, Turkey</i>
14:50-15:10	Introduction of the European Metrology Network on Traceability in Laboratory Medicine <i>Muslum Akgoz, TUBITAK, Turkey</i>
15:10-15:30	Introduction of the European Metrology Network on Traceability in Laboratory Medicine <i>Muslum Akgoz, TUBITAK, Turkey</i>
15:30-15:50	Amino acid and organic acid CRMs for newborn screening <i>Simay Gunduz, TUBITAK, Turkey</i>
15:50-16:10	ID-MS based reference measurement method for small analytes: vitamin D, creatinine, glucose, cholesterol, amino acids <i>Mine Bilsel, TUBITAK, Turkey</i>
16:10-16:30	Reference methods for quantification of peptides & proteins: β -amyloid in CSF (ReMIND Project), human C-peptide, oxytocin, HbA1c, insulin, human growth hormone <i>Merve Oztug, TUBITAK, Turkey</i>
16:45-17:15	Coffee Break
17:00-17:20	Latest developments on NMR; reference method for purity determination of small analytes and peptides: 17β -estradiol, folic acid, human C-peptide, oxytocin, HbA1c <i>Ilker Un, TUBITAK, Turkey</i>
17:20-17:40	Development of a reference method for transferrin quantification in serum <i>F. Gonca Coskun, TUBITAK, Turkey</i>
17:40-18:00	A Reference method for genetic mutation quantification of KRAS <i>Muslum Akgoz, TUBITAK, Turkey</i>
20:00-23:00	29 October, Republic Day Celebration & Networking Event

SCIENTIFIC PROGRAM

29 October 2019, Tuesday

Time	HALL C
08:30-10:00	Oral Presentations 7 Moderators: Banu İsbilen Basok, Turkey - Settar Kosova, Turkey
08:30-08:40	O-036 The results in two different provinces in Black Sea Region where thalassemia screening was implemented: a rare hemoglobin variant <i>Durmus Ayan, Amasya University Sabuncuoglu Serefeddin Research and Training Hospital, Amasya, Turkey</i>
08:40-08:50	O-037 First observation of hemoglobin Hamilton [$\beta 11(A8)Val \rightarrow Ile$] in Turkey <i>Irem Yildiz, Cukurova University, Turkey</i>
08:50-09:00	O-038 Glanzmann thrombasthenia: a case report <i>Aylin Hakligor, University of Health Sciences, Turkey</i>
09:00-09:10	O-080 Evaluation of analytical process performance by six sigma methods in laboratories <i>Dilek Iren Emekli, Erbayraktar Private Medical Laboratories, Turkey</i>
09:10-09:20	O-040 Determination of electrochemical behaviour of glucose-6-phosphate dehydrogenase by biosensor <i>Basak Gunasti, Cukurova University, Turkey</i>
09:20-09:30	O-041 Investigation of the effect of glyphosate on G6PD activity in in vitro conditions <i>Kezban Kartlasimis, Cukurova University, Turkey</i>
09:30-09:40	O-042 The evaluation of microtubes' compatibility to automated process for complete blood count <i>Ahmet Erkin Bozdemir, Health Sciences University Tepecik Training and Research Hospital, Turkey</i>
09:40-09:50	O-043 Design of a new biosensor for the determination of ferric iron in blood <i>Ahmet Ilhan, University of Cukurova, Turkey</i>
09:50-10:00	O-044 Correlation Between LUC % and Thyroid Function Tests <i>Arzu Kosem, Ankara City Hospital, Turkey</i>
10:00-10:30	Coffee Break
14:45-16:30	Oral Presentations 8 Moderators: Sevil Kurban, Turkey - Emre Avci, Turkey
14:45-14:55	O-045 The effect of Rhamnetine against to ischemia-reperfusion injury in the kidney <i>Mustafa Nisari, University of Nuh Naci Yazgan, Turkey</i>
14:55-15:05	O-046 The protective effect of resveratrol against cyclosporine A-induced oxidative stress and hepatotoxicity <i>Ilknur Bingul, Istanbul University, Turkey</i>
15:05-15:15	O-047 Thiol/Disulphide balance and Ischemia-modified albumin levels in female with iron deficiency anemia <i>Emre Avci, Hitit University, Turkey</i>
15:15-15:25	O-048 Effect of hibernation on oxidative equilibrium in ground squirrels <i>Tulay Pekmez, Hitit University, Turkey</i>
15:25-15:35	O-049 Cellular protection by Phlomis Species in H ₂ O ₂ -induced oxidative Stress <i>Derviş Birim, Ege University, Turkey</i>
15:35-15:45	O-050 Neuroprotection by optimized system extracts of Morus nigra L. Fruits in L-DOPA-induced toxicity <i>Gizem Kaftan, Ege University, Turkey</i>
15:45-15:55	O-051 Dynamic thiol-disulphide balance and thioredoxin reductase enzyme levels in patients with chronic kidney disease <i>Huseyin Erdal, Hatay Mustafa Kemal University, Turkey</i>
15:55-16:05	O-052 Protective role of lycopene in experimental heart ischemia reperfusion model <i>Busra Citil, Sutcu Imam University, Turkey</i>
16:05-16:15	O-053
16:15-16:25	O-054
16:45-17:15	Coffee Break
17:00-18:00	Oral Presentations 9 Moderators: Bahadır Ozturk, Turkey - Aylin Hakligor, Turkey
17:00-17:10	O-055 Oxidative status in degenerated painful intervertebral disc samples: variability with respect to duration of symptoms and type of disease <i>Hatice Kopar, Sutcu Imam University, Turkey</i>
17:10-17:20	O-056 The effect of turmeric on GPER1 and oxidative/nitrosative stress biomarkers in cardiac ischemia reperfusion <i>Seda İkikardeş, Sutcu Imam University, Turkey</i>
17:20-17:30	O-057 The impact of acupuncture treatment on dynamic thiol-disulphide homeostasis and ischemia-modified albumin levels to assess <i>Yasemin Gunduztepe, Gazi University, Turkey</i>
17:30-17:40	O-058 Effect of N-acetylcysteine on cisplatin induced apoptosis in rat kidney <i>Seyda Seydel, Nigde Omer University, Turkey</i>
17:40-17:50	
17:50-18:00	O-060 Thiol-disulfide homeostasis in diabetic microvascular complications <i>Cuma Mertoglu, Erzinçan University, Turkey</i>
20:00-23:00	29 October, Republic Day Celebration & Networking Event

SCIENTIFIC PROGRAM

30 October 2019, Wednesday

Time	HALL A
08:30-10:00	SESSION 5 <i>Moderators: Z. Gunnur Dikmen, Turkey - Sabahattin Muhtaroglu, Turkey</i>
08:30-09:00	IFCC, C-RIDL; The current concept and future plans for reference intervals and decision limits <i>Yesim Ozarda, Uludag University, Turkey</i>
09:00-09:30	Developing a roadmap for laboratory test utilization management program <i>Sedef Yenice, G Florence Nightingale Hospital, Turkey</i>
09:30-10:00	Threat of chemical weapons in Syria conflict and its impact on Balkan region along with the health and laboratory management system <i>Levent Kenar, University Of Health Sciences, Turkey</i>
10:00-10:30	Coffee Break
10:30-11:15	Plenary lecture: <i>Moderator: Muslum Akgoz, Turkey</i> The new IVD regulation 2017/746 and consequences for laboratory medicine <i>Christa Cobbaert, Lumc, The Netherlands</i>
11:15-12:00	Industry Sponsored Symposium V (Archem) <i>Moderator: Mujdat Aytekin, Turkey</i> HbA1c immunoturbidimetric test: CRM concept, standardization and interference studies <i>Speaker: Mehmet Salih Uca</i>
12:00-13:15	Lunch Break
13:15-14:00	Oral Presentations 10 <i>Moderators: Ali Unlu, Turkey - İlhan Yaylım, Turkey</i>
13:15-13:25	O-061 Biological variation in clinical practice: bridge between laboratorians and clinicians <i>Fatma Hande Karpuzoglu, Acibadem Labmed, Turkey</i>
13:25-13:35	O-062 Using the model of quality indicators: a pilot study <i>Oguzhan Zengi, Bagcilar Research and Training Hospital, Turkey</i>
13:35-13:45	O-063 National guidelines for the preparation, distribution and testing of purified water for clinical laboratories <i>Oytun Portakal, Hacettepe University, Turkey</i>
13:45-13:55	O-064 Evaluation of CKD-EPI Pakistan equation for estimated glomerular filtration rate (eGFR) in Pakistan <i>Sibtain Ahmed, The Aga Khan University, Karachi Pakistan</i>
14:00-14:45	Plenary Lecture: <i>Moderator: Ferhan Sagin, Turkey</i> Galectin-3: from molecule to biomarker and back <i>Jerka Dumic, University of Zagreb Faculty of Pharmacy and Biochemistry, Croatia</i> ‘The FEBS National Lecturer’
14:45-16:30	SESSION 6 <i>Moderators: Fatma Taneli, Turkey - Sedat Abusoglu, Turkey</i>
14:45-15:15	Serum non-coding RNA profiling as a promising diagnostic approach <i>Christos Tsatsanis, University Of Crete Medical School, Greece</i>
15:15 - 15:45	Ethical challenges in (pharmaco) genetics <i>Marija Hiljadnikova-Bajro, Ss Cyril And Methodius University, Macedonia</i>
15:45 - 16:00	The relationship between adiposity parameters and hsC-reactive protein values in overweight and obese women <i>Aleksandra Atanasova Boshku, University Clinic For Gynecology And Obstetrics, Macedonia</i>
16:00-16:10	O-113 Transcriptomic meta-analysis in pancreatic ductal adenocarcinoma reveals therapeutic targets and diagnostic biomarkers <i>Sevcan Atay, Ege University, Turkey</i>
16:30-17:00	Coffee Break
17:00-18:00	Oral Presentations 11 <i>Moderators: Ferhan Sagin, Turkey - Dogan Yucel, Turkey</i> <i>Yasemin Aksoy, Turkey - Ozlem Dalmizrak, Turkey</i>
17:00-17:15	2018 Nazmi Ozer Award Recipient Presentation Molecular demultiplexer as a terminator automaton <i>Gurcan Gunaydin, Turkey</i>
17:15-17:30	2018 Nazmi Ozer Award Recipient Presentation Photodynamic activity properties of novel BODIPY compound against colorectal cancer cell line <i>Burak Barut, Karadeniz Technical University, Turkey</i>
17:30-17:45	2019 Nazmi Ozer Awards

SCIENTIFIC PROGRAM

30 October 2019, Wednesday

Time	HALL B
08:30-13:00	COURSE: Mass spectrometre use in clinical laboratory practice (Advance Course) <i>Ali Unlu, Selcuk University, Turkey - Muhittin Serdar, Acibadem University, Turkey - Sedat Abusoglu, Selcuk University Faculty of Medicine, Turkey</i>
13:15-14:00	Oral Presentations 12 <i>Moderators: Fatma Demet Arslan, Turkey - Muammer Yucel, Turkey</i>
13:15-13:25	O-065 The local technical validation of Barricor™ tube that uses a mechanical separator <i>Kamil Taha Ucar, Istanbul Gaziosmanpasa Taksim Training and Research Hospital, Turkey</i>
13:25-13:35	O-066 The utility of preanalytical quality indicators: a Turkish survey study <i>Hikmet Can Cubukcu, Erzurum Maresal Cakmak Devlet Hastanesi, Turkey</i>
13:35-13:45	O-067 A web-based application for management of quality control data <i>Deniz Ilhan Topcu, Baskent University, Turkey</i>
13:45-13:55	O-068 Quality control application for CBC parameters by 'Average of Normals' method <i>Ilknur Alkan Kusabbi, Health Sciences University, Turkey</i>
14:45-16:35	Oral Presentations 13 <i>Moderator: Meral Yuksel, Turkey</i>
14:45-14:55	O-069 Evaluation of the most common rejection reasons in the preanalytical process at our laboratory using six sigma analysis <i>Mehmet Akif Bozdayi, Gaziantep University, Turkey</i>
14:55-15:05	O-070
15:05-15:15	O-071 Analytical performance of Cobas 6500 for predicting urinary tract infection <i>Esra Firat Oguz, Ankara City Hospital, Turkey</i>
15:15-15:25	O-072 A comparison of Sysmex UF-5000 flow cytometer and Fuchs-Rosenthal Chamber in urine sediment analysis <i>Ozlem Unay Demirel, Bahcesehir University, Turkey</i>
15:25-15:35	O-073 Determination of serum carbamazepine by tandem mass spectrometry <i>Duygu Eryavuz Onmaz, Selcuk University, Turkey</i>
15:35-15:45	O-074 3D placental barrier models: a novel cryogel based method <i>Aysun Kilic Suloglu, Hacettepe University, Turkey</i>
15:45-15:55	O-075 Antioxidant effects of flavonoid neoeriocitrin on streptozotocin-induced INS-1E cell diabetic model <i>Elif Karacaoglu, Hacettepe University, Turkey</i>
15:55-16:05	O-076 In vitro investigation of Argiope bruennichi derived spider silk materials <i>Secil Karahisar Turan, Hacettepe University, Turkey</i>
16:05-16:15	O-077 MicroRNAs in patients with type 2 diabetic nephropathy <i>Kadriye Akpinar, Pamukkale University, Turkey</i>
16:15-16:25	O-078 Differentiation of Osteopetrotic IPSC to Osteoclasts: Comparison of Osteopetrotic & Healthy Osteoclast <i>Inci Cevher, Hacettepe University, Turkey</i>
16:25-16:35	O-079 Monodisperse-porous metal oxide microspheres with peroxidase/oxidase mimetic activity as a new tool for biomolecule determination <i>Sevim Eda Ogut, Hacettepe University, Turkey</i>
16:30-17:00	Coffee Break
18:00-19:00	Oral Presentations 14 <i>Moderators: Oguzhan Zengi, Turkey - Deniz Ilhan Topcu, Turkey</i>
18:10-18:20	O-081 Evaluation of analytical quality of cardiac biomarkers in the emergency laboratory by sigma metrics <i>Saadet Kader, Karapinar State Hospital, Turkey</i>
18:20-18:30	O-083 Automated vitamin D immunoassay comparison with LC-MS/MS method <i>Ercan Saruhan, Mugla Sitki Kocman University, Turkey</i>
18:30-18:40	O-084 Calculation of measurement uncertainty of three different biochemistry parameters <i>Seren Orhan, Gaziantep University, Turkey</i>
18:40-18:50	O-085 Development of a LC/MSMS method for quantification of adrenal-derived 11-oxygenated 19-carbon steroids <i>Ali Yaman, Marmara University, Turkey</i>

SCIENTIFIC PROGRAM

30 October 2019, Wednesday

Time	HALL C
08:30-10:00	Oral Presentations 15 <i>Moderators: Ercan Saruhan, Turkey - Bagnu Orhan, Turkey</i>
08:30-08:40	O-086 Structural bioinformatics approach in bioactive peptide research: tomato vicilin case study <i>Burcu Kaplan Turkoz, Ege University, Turkey</i>
08:40-08:50	O-087 In silico prediction of antidepressant-binding sites on human glutathione reductase <i>Kerem Terali, Near East University, Cyprus</i>
08:50-09:00	O-088 Smart approval service for biochemical tests <i>Ali Ozen Akyurek, Ventura Software Inc., Ankara, Turkey</i>
09:00-09:10	O-089 Evaluation of saliva kallikrein-8 levels related with stress <i>Rabia Semsî, Gazi University, Turkey</i>
09:10-09:20	O-090 The evaluation of ADAMTS-1 and ADAMTS-13 levels at coronary collateral circulation <i>Abdulkahim Hasan Gul, Onsekiz Mart University, Turkey</i>
09:20-09:30	O-091 Apelin and other adipokines as potential biomarkers in myocardial ischemia <i>Mehmet Ali Gul, Ataturk University, Turkey</i>
09:30-09:40	O-092 Relationship between platelet activating factor acetylhydrolase and cardiac valvular calcification in dialysis patients <i>Serkan Bolat, University of Health Sciences, Turkey</i>
09:40-09:50	O-093 Determination of ADMA and ghrelin levels as a marker of endothelial dysfunction in asthma patients <i>Burcu Baba, Yüksek İhtisas University, Turkey</i>
09:50-10:00	O-094 Antimicrobial and antioxidant activities of <i>Lactarius deliciosus</i> <i>Elif Sevinc, Hitit University, Turkey</i>
10:00-10:30	Coffee Break
13:15-14:00	Oral Presentations 16 <i>Moderators: Aysegul Cort, Turkey - Aysun Kilic Suloglu, Turkey</i>
13:15-13:25	O-095 Telmisartan and irbesartan alleviate methylglyoxal-induced elevation of MG-H1 in VSMCs <i>Mustafa Kirca, Kutahya Health Sciences University, Turkey</i>
13:25-13:35	O-116 Drug-induced (quinine) acute hepatitis with high level of serum vitamin B12 <i>Ozlem Ozun, University of Health Sciences Suat Seren Chest Diseases and Surgery Training and Research Hospital, Turkey</i>
13:35-13:45	O-097 Relationship between lipoprotein(a) and other lipids in children <i>Fatime Merdan, Child Health and Diseases Training and Research Hospital, Turkey</i>
13:45-13:55	O-098 Relationship between B-HCG and LUC% levels <i>Funda Eren, Ankara City Hospital, Turkey</i>
14:45-16:35	Oral Presentations 17 <i>Moderators: Cigdem Sonmez, Turkey - Burak Barut, Turkey</i>
14:45-14:55	O-099 Biological variation of beta-trace protein, a novel marker for eGFR along with traditional markers <i>Banu Isbilen Basok, Health Sciences University, Turkey</i>
14:55-15:05	O-100 Calculation of APTT and PT reference intervals from patient data and evaluation of preoperative test utilisation in surgical patients <i>Neslihan Cihan, Ankara Health Research and Training Hospital, Turkey</i>
15:05-15:15	O-101 ICD code specific normal ranges are needed, particularly in total bilirubin in this case <i>Ozgur Aydin, Kepez Public Hospital, Turkey</i>
15:15-15:25	O-102 Pending laboratory tests at discharge in emergency department <i>Murat Alisik, Polatli State Hospital, Turkey</i>
15:25-15:35	O-103 The effect of blood lactate levels on mortality in patients with sepsis <i>Kamile Yucel, KTO Karatay University School of Health Sciences, Turkey</i>
15:35-15:45	O-104 The anti-inflammatory effects of orexin receptor antagonist on endotoxemia induced sepsis model <i>Evren Kilinc, Acibadem Mehmet Ali Aydinlar University, Turkey</i>
15:45-15:55	O-105 Correlation of CRP with blood-based inflammatory markers; large cohort study <i>Sibel Soylemez, Gazi University, Turkey</i>
15:55-16:05	O-106 Serum cytokine and complement levels in ALS and their association with LRP antibody positivity <i>Murat Giris, Istanbul University, Turkey</i>
16:05-16:15	O-107 The relationship between standard sedo-analgesia implementation and serum procalcitonin levels in intensive care unit <i>Yesim Guvenc Demiragci, Manisa Celal Bayar University, Turkey</i>
16:15-16:25	O-108 Midkine can not be accepted as a new biomarker for the diagnosis and the treatment of unexplained female infertility <i>Mine Erguven, Istanbul Aydin University, Turkey</i>
16:25-16:35	O-109 Perspective of C-peptide from diabetes window <i>Saadet Kader, Selcuk University, Turkey</i>
16:30-17:00	Coffee Break
18:00-19:00	Oral Presentations 18 <i>Moderators: Berrin Bercik Inal, Turkey - Feyza Yagmur Tekeli, Turkey</i>
18:00-18:10	O-110 Development and validation of a biosensor for measurement of serum hypoxia-inducible factor-1 <i>Zihni Onur Uygun, Ege University, Turkey</i>
18:10-18:20	O-111 A fast and convenient UPLC - MSMS Method for routine analysis of GALT activity from dried blood spot <i>Muhammet Topbas, Ege University, Turkey</i>
18:20-18:30	O-112 Magnetic bead based electrochemical food and enzyme activity analysis by using SPE dependent immunosensors <i>Ebru Saatci, Erciyes University, Turkey</i>
18:30-18:40	O-114 Assessment of vitamin D levels in Şanlıurfa region <i>Oruc Aslan, Harran University Medical School, Turkey</i>
18:40-18:50	O-115 The role of HDL-associated MPO and PON-1 for coronary artery disease in Hashimoto thyroiditis <i>Gizem Uncu, Hitit University, Turkey</i>

SCIENTIFIC PROGRAM

31 October 2019, Thursday

Time	HALL A
09:00-10:30	SESSION 7 <i>Moderators: Gultekin Yucel, Turkey - Güzin Aykal, Turkey</i>
09:00-09:30	Clinical and laboratory approach to inborn errors of metabolism <i>Ali Dursun, Hacettepe University, Turkey</i>
09:30-10:00	Metabolomics and biomarkers in inborn errors of metabolism <i>Incilay Lay, Hacettepe University, Turkey</i>
10:00-10:30	Genetic technologies in inborn errors of metabolism <i>Didem Yucel Yılmaz, Hacettepe University, Turkey</i>
10:30-11:00	Coffee Break
11:00-11:30	CLOSING CEREMONY OF THE CONGRESS