



Curriculum Vitae



Full Name:	Duygu PERCIN Previous surname: ESEL
Date&Place of Birth:	Kutahya, TURKEY, 03 September, 1968
Office Contact:	Kutahya Health Sciences University, Faculty of Medicine, Department of Medical Microbiology, Turkey Mobile: +90 532 2053860 E.mail: duygu.percin@hotmail.com
Academic Titre&Department:	Professor in Medical Microbiology, Medical Doctor Kutahya Health Sciences University, Faculty of Medicine, Department of Medical Microbiology, Turkey
Academic Qualifications:	2018 Kutahya Health Sciences University Senate Member, Kutahya, Turkey 2011 Professor in Clinical Microbiology, Erciyes University Faculty of Medicine, Kayseri-TURKEY 2005 Associate Professor in Clinical Microbiology, Erciyes University Faculty of Medicine, Kayseri-TURKEY 2003 Assistant Associate Professor in Clinical Microbiology, Erciyes University Faculty of Medicine, Kayseri-TURKEY 2000 Specialist, Clinical Microbiology, Erciyes University Faculty of Medicine, Kayseri-TURKEY 1992 MD, Medical Faculty, Erciyes University Faculty of Medicine, Kayseri-TURKEY
Academic Interests:	1. Sterilization and disinfection 2. Hospital infections 3. Bacteriology 4. Antibiotic resistance patterns and mechanisms of bacteria
Administrative Position:	1. Chief of Microbiology Laboratory of Kutahya Health Sciences University Hospital (2017- 2. Member of Infection Control Team (2018-) 3. Member of Antibiotic Control Committee of the Hospital (2018-) 4. Head of Medical Microbiology Department of Kutahya Health Sciences University Faculty of Medicine (2017-) 5. Chief of CSSD, Erciyes University Hospital, Kayseri, Turkey (2001-2017)
Activities in Turkish Society for Disinfection Antisepsis and Sterilization (DAS) www.das.org.tr	1. President of DAS since 2016 2. Representative of DAS in WFHSS since 2007 3. Vice-President and Scientific Officer of WFHSS since 2015 4. Organization committee member and lecturer of DAS School Training Program approved by Ministry of Health of Turkey since 2008. More than 1500 staff working in sterilization field was trained and certified in seven consecutive DAS School Program. http://www.das.org.tr/okul/okul7/ 5. Guideline Committee member of Turkish Guideline for Disinfection and Sterilization

	<p>that is also on the WFHSS website in English. The new version is being translated to Arabic and Russian as well. (http://www.wfhss.com/html/educ/recommendations/tr-das-turkish-guideline-sterilization-disinfection_en.pdf)</p> <p>6. Organization committee member and lecturer of most of DAS seminars organized in 24 different cities of Turkey. More than 5000 staff working in sterilization field attended to these seminars.</p> <p>7. President of 1st SAD (Sterilization, Operating Rooms, and Disinfection) Symposium, 3-6 October 2012. Gaziantep-TURKEY http://www.das.org.tr/sad/sad1/</p> <p>8. Organization Committee member of Biannual National Disinfection and Sterilization Congresses since 2005.</p> <p>9. President of 3rd SAD Congress, 13-16 October 2016, Mugla, Turkey</p> <p>10. President of 10th International DAS Congress, 29 November- 3 December 2018, Antalya, Turkey</p>
Memberships:	<ol style="list-style-type: none"> 1. Ankara Microbiology Society (1998-present) 2. Turkish Society for Microbiology (1998-present) 3. Turkish Society for Hospital Infections and Prevention (2002-present) 4. European Society for Clinical Microbiology and Infectious Diseases (2005-present) 5. Disinfection Antisepsis and Sterilization (DAS) Society (2007-present) 6. Education-Guideline Working Group Member of WFHSS (2009-2015)
International peer review publications:	<ol style="list-style-type: none"> 1. B. Sümerkan, S. Gökahmetoglu, D. Esel. Brucella detection in blood: comparison of the BacT/Alert standart aerobic bottle, BacT/Alert FAN aerobic bottle and BacT/Alert enhanced FAN aerobic bottle in simulated blood culture. <i>Clin Microbiol Infect</i> 2001; 7: 369-372. 2. M. Doganay, B. Aygen, D. Esel. Brucellosis due to blood transfusion. <i>J Hosp Infect</i> 2001; 49 (2): 151-152. 3. D. Esel, B. Sümerkan, S. Kocagöz. Epidemiology of penicillin resistance in <i>Streptococcus pneumoniae</i> isolates in Kayseri, Turkey. <i>Clin Microbiol Infect</i> 2001; 7: 548-552. 4. D. Gür, B. Güçiz, G. Haşçelik, D. Esel, B. Sümerkan, U. Över, G. Söyletir, B. Öngen, A. Kaygusuz, K. Töreci. <i>Streptococcus pneumoniae</i> penicillin resistance in Turkey. <i>J Chemother</i> 2001; 13 (5): 541-545. 5. D. Esel, M. Doganay, N. Bozdemir, O. Yildiz, T. Tezcaner, B. Sumerkan, B. Aygen, A. Selcuklu. Polymicrobial ventriculitis and evaluation of an outbreak in a surgical intensive care unit due to inadequate sterilization. <i>J Hosp Infect</i> 2002; 50 (3): 170-174. 6. D. Esel, A. Nedret Koç, C. Utaş, N. Karaca, N. Bozdemir. Fatal fungal peritonitis due to <i>Trichoderma</i> species in a patient undergoing continuous ambulatory peritoneal dialysis. <i>Mycoses</i> 2003; 46: 71-73. 7. D. Esel, M. Doganay, B. Sumerkan. Antimicrobial susceptibilities of 40 isolates of <i>Bacillus anthracis</i> isolated in Turkey. <i>Int J Antimicrob Agents</i> 2003; 22: 70-72. 8. D. Esel, M. Doganay, E. Alp, B. Sumerkan. Prospective evaluation of blood cultures in a Turkish university hospital: epidemiology, microbiology, and patient outcome. <i>Clin Microbiol Infect</i> 2003; 9: 1038-1044. 9. B. Bozdogan, D. Esel, C. Whitener, F. A. Browne, P. C. Appelbaum. Antibacterial susceptibility of vancomycin resistant <i>Staphylococcus aureus</i> isolated at Hershey Medical Center. <i>J Antimicrob Chemother</i> 2003; 52: 864-868. 10. M. Wagner, I. Hein, K. Grif, B. Sümerkan, D. Esel, F. Allerberger. Zur lebensmittelhygienischen Bedeutung der molekularen Charakterisierung von <i>Listeria monocytogenes</i>. <i>Berl Munch Tierarztl</i> 2003; 116: 460-466. 11. Özkiriş, A., C. Evereklioglu, H. Akgun, D. Esel, F. Caner ve Kuddusi Erkiliç, "A comparison of intravitreal piperacillin/tazobactam with ceftazidime in experimental <i>Pseudomonas aeruginosa</i> endophtalmitis," <i>Exp. Eye Res.</i>, 80 (3), 361-367 (2005) 12. Özkiriş, A., C. Evereklioglu, D. Esel, H. Akgun, S. Göktas ve Kuddusi Erkiliç, "The efficacy of piperacillin/tazobactam in experimental <i>Pseudomonas aeruginosa</i> endophtalmitis: A histopathological and microbiological evaluation," <i>Current Eye</i>

Research, **30**, 13-19 (2005).

13. Ozkiris A, Evereklioglu C, **Esel D**, Akgun H, Erkilic K. The efficacy of intravitreal piperacillin/tazobactam in rabbits with experimental *Staphylococcus epidermidis* endophthalmitis: a comparison with vancomycin. *Ophthalmic Res.* 2005 May-Jun; 37(3):168-74. Epub 2005 May 12.
14. Bogdanovich T, **Esel D**, Kelly LM, Bozdogan B, Credito K, Lin G, Smith K, Ednie LM, Hoellman DB, Appelbaum PC. Antistaphylococcal activity of DX-619, a new des-F(6)-quinolone, compared to those of other agents. *Antimicrob Agents Chemother*, 49,3325-3333 (2005).
15. Akçakuş, M., D. **Esel**, N. Çetin, A. Paç-Kısaarslan ve S. Kurtoğlu, "Brucella melitensis in blood cultures of two newborns due to the exchange transfusion," *Turk. J. Pediatrics*,47,272-274 (2005).
16. Alp, E., D. **Esel**, O. Yıldız, W. Melchers ve M. Doganay, "Genotypic analysis of Acinetobacter bloodstream infection isolates in a Turkish university hospital," *Scand. J. Infect. Dis*, 38, 335-340 (2006).
17. Aydın, F., S. Gümüüşsoy, T. İça, B. Sümerkan, D. **Eşel**, M. Akan ve A. Özdemir, "The prevalence of *Campylobacter jejuni* in various sources in Kayseri, Turkey, and molecular analysis of isolated strains by PCR-RFLP," *Turk. J. Vet. Anim. Sci*, 31, 13-19 (2007).
18. Yıldız, O., B. Aygen, D. **Esel**, U. Kayabas, E. Alp, B. Sumerkan ve M. Doganay, "Sepsis and meningitis due to *Listeria monocytogenes*," *Yonsei Med J*, 48, 433-439 (2007).
19. **Esel, D.**, Y. Ay Altintop, G. Yagmur ve B. Sumerkan, "Evaluation of susceptibility patterns and BRO beta-lactamase types among clinical isolates of *Moraxella catarrhalis*," *Clin. Microbiol. Infect.*, 13(10),1023-1025, (2007).
20. Akcan, A., C. Kucuk, E. Sozuer, D. **Esel**, H. Akyildiz, H. Akgun, S. Muhtaroglu, ve Y. Aritas. "Melatonin reduces bacterial translocation and apoptosis in trinitrobenzene sulphonic acid-induced colitis of rats," *World J. Gastroenterol*, 14 (6), 918-24 (2008).
21. Sagsen, B., Er, O., **Esel, D.**, Yagmur, G., ve Altintop, Y. "In vitro pharmacodynamic activities of root canal sealers on *Enterococcus faecalis*," *J Contemp Dent Pract.* 1;10(3):35-42 (2009).
22. Gur, D., Hascelik, G., Aydın N, Telli M, Gültekin M, Ogülnc D, Arikan OA, Uysal S, Yaman A, Kibar F, Gülay Z, Sumerkan B, **Esel D**, Kayacan CB, Aktas Z, Soyletir G, Altinkanat G, Durupinar B, Darka O, Akgün Y, Yayla B, Gedikoglu S, Sinirtas M, Berktaş M, Yaman G. "Antimicrobial resistance in gram-negative hospital isolates: results of the Turkish HITIT-2 Surveillance Study of 2007" *J Chemother* 21(4):383-9 (2009).
23. Alp, E., M. Yerer, S. Kocagöz, G. Metan, D. **Esel**, Y. Guerol, M. Doganay, "The risk factors and spread of multidrug-resistant *Acinetobacter baumannii* in intubated patients in a medical intensive care unit", *Turkish Journal of Medical Sciences*, 39 (5), 761-769, (2009).
24. Alp, E., M. Yerer, D. **Esel**, G. Metan, M. Doganay, "Risk factors for acquisition of methicillin-resistant *Staphylococcus aureus* and clonal spread of the isolates in a medical intensive care unit," *Turkish Journal of Medical Sciences*, 39 (6), 941-951, (2009).
25. Metan, G., E. Alp, O. Yıldız, D. **Percin**, B. Aygen, B. Sumerkan, "Clinical experience with tigecycline in the treatment of carbapenem-resistant *Acinetobacter* infections," *J Chemother* 22 (2): 110-4 (2010).
26. **Percin D**, Ay Altintop Y, Sumerkan B. Ten-year surveillance of invasive *Streptococcus pneumoniae* isolates in central Turkey prior to the introduction of a conjugate vaccine. *J Infect Dev Ctries.* 2010;4:560-5.
27. Findik A, Ica T, Onuk EE, **Percin D**, Kevenk TO, Ciftci A. Molecular typing and *cdt* genes prevalence of *Campylobacter jejuni* isolates from various sources. *Trop Anim Health Prod.* 2010 Nov 23. DOI 10.1007/s11250-010-9758-0
28. Ceyhan M, Gurler N, Yaman A, Ozturk C, Oksuz L, Ozkan S, Keser M, Salman N, Alhan E, **Esel D**, Gultekin M, Camcioglu Y, Gul M, Sorguc Y, Aydemir S, Gunaydin M, Yakupogullari Y, Kizirgil A. Serotypes of *Streptococcus pneumoniae* isolates from children with invasive pneumococcal disease in Turkey: baseline evaluation of the introduction of the pneumococcal conjugate vaccine nationwide. *Clin Vaccine Immunol.* 2011;18:1028-30.
29. Alp E, Kiran B, Altun D, Kalin G, Coskun R, Sungur M, Akin A, **Percin D**, Doganay M. Changing pattern of antibiotic susceptibility in intensive care units: Ten years experience of a university hospital. *Anaerobe.* 2011 May 4.

30. **Perçin D**, Sümerkan B, İnci R. Comparative evaluation of e-test and disk diffusion methods for susceptibility testing of nocardia species. *Mikrobiyol Bul.* 2011; 45: 274-9.
31. Güler I, Kılıç H, Atalay MA, **Perçin D**, Erçal BD. Genotyping of Nosocomial Methicillin-Resistant Staphylococcus aureus Strains Isolated from Clinical Specimens by rep-PCR. *Mikrobiyol Bul.* 2011; 45: 581-591.
32. Atalay Altay, Olcu M. **Perçin D**. Antibiotic Susceptibilities and Serotyping of Clinical Streptococcus Agalactiae Isolates . *Balkan Medical Journal* 2011; 28; 4: 362-365.
33. **Perçin D**. Bozdoğan B, Ayangil D, PC Appelbaum. Molecular Epidemiology and Antibacterial Susceptibility of Streptococci Isolated from Healthy Children Attending Day Care Units. *Balkan Medical Journal* 2011, 28; 4: 414-419.
34. Arslan S., S. Silici, **D. Perçin**, A. N. Koç, Ö. Er. Antimicrobial activity of poplar propolis on mutans streptococci and caries development in rats. *Turk J Biol* 2012; 36: 65-73.
35. Oguzhan N, Pala C, Sipahioglu MH, Cilan H, Durmaz S, **Perçin D**, Unal A, Tokgoz B, Utaş C, Oymak O. Locking tunneled hemodialysis catheters with hypertonic saline (26% NaCl) and heparin to prevent catheter-related bloodstream infections and thrombosis: a randomized, prospective trial. *Ren Fail.* 2012; 34(2): 181-8. doi: 10.3109/0886022X.2011.646884.
36. Ortatatlı M, Karagoz A, **Perçin D**, Kenar L, Kilic S, Durmaz R. Antimicrobial susceptibility and molecular subtyping of 55 Turkish Bacillus anthracis strains using 25-loci multiple-locus VNTR analysis. *Comp Immunol Microbiol Infect Dis.* 2012 Jul; 35(4): 355-61. doi: 10.1016/j.cimid.2012.02.005.
37. Horozoglu F, Metan G, Sever O, **Perçin D**, Topal CS, Gonen T, Keskinbora KH, Topcu B, Yanyali A. Intravitreal tigecycline treatment in experimental Acinetobacter baumannii endophthalmitis. *J Chemother.* 2012 Apr; 24(2): 101-6. doi: 10.1179/1120009X12Z.0000000018.
38. Durmaz R, Doganay M, Sahin M, **Perçin D**, Karahocagil MK, Kayabas U, Otlu B, Karagoz A, Buyuk F, Celebi O, Ozturk Z, Ertek M; Anthrax Study Group. Molecular epidemiology of the Bacillus anthracis isolates collected throughout Turkey from 1983 to 2011. *Eur J Clin Microbiol Infect Dis.* 2012 Oct; 31(10): 2783-90.
39. **Perçin D**. Microbiology of Brucella. *Recent Pat Antiinfect Drug Discov.* 2013 Apr; 8(1): 13-7.
40. **Perçin D**, Colakoğlu S, Durmaz S, Ekincioglu P. Comparison of ertapenem-EMB Agar with traditional methods for screening carbapenem-resistant Klebsiella pneumoniae from rectal swabs]. *Mikrobiyol Bul.* 2012 Oct; 46(4): 546-52.
41. İca T, Aydın F, Gumussoy K, **Perçin D**, Sumerkan AB, Ocak F, Abay S, Dogan HO, Findik A, Ciftci A. Conventional and molecular biotyping of Brucella strains isolated from cattle, sheep and human. *ANKARA UNIVERSİTESİ VETERİNER FAKULTESİ DERGİSİ* 2012; 59 (4): 259-264.
42. Alp E, **Perçin D**, Colakoğlu S, Durmaz S, Kürkcü CA, Ekincioglu P, Güneş T. Molecular characterization of carbapenem-resistant Klebsiella pneumoniae in a tertiary university hospital in Turkey. *J Hosp Infect.* 2013 Jun; 84(2): 178-80. doi: 10.1016/j.jhin.2013.03.002.
43. Yagci A, Uysal T, Demirsoy KK, **Perçin D**. Relationship between odontogenic bacteremia and orthodontic stripping. *Am J Orthod Dentofacial Orthop.* 2013 Jul; 144(1): 73-7. doi: 10.1016/j.ajodo.2013.02.024.
44. Ulu Kılıç A, Parkan Ö, Ersoy S, Koc D, **Perçin D**, Onal O, Metan G. Outbreak of postoperative empyema caused Serratia marcescens in a thoracic surgery unit. *Journal Hosp Infect* 2013; 85 (3): 226-9.
45. Kemaloglu CA, Günay GK, **Perçin D**, Deniz K. An unpredicted side effect of prophylactic antibiotic use. *J Chemother.* 2014 Jun; 26(3): 154-8. doi: 10.1179/1973947813Y.0000000131. Epub 2013 Dec 6.
46. Perçin D, Akyol S, Kalin G. In vitro synergism of combinations of colistin with selected antibiotics against colistin-resistant Acinetobacter baumannii. *GMS Hyg Infect Control.* 2014; 9(2): Doc14. doi: 10.3205/dgkh000234. eCollection 2014.
47. Ulu-Kilic A, Alp E, Perçin D, Cevahir F, Altay-Kürkcü C, Ozturk A, Ozturk A. Risk factors for carbapenem resistant Klebsiella pneumoniae rectal colonization in pediatric units. *J Infect Dev Ctries* 2014; 8(10): 1361-4.
48. Durmaz E, Durmaz D, Perçin D, Yaşar Ünlü. Klebsiella ozaenae'nin Neden Olduğu Nadir Bir Atofik Rinit Olgusu. *Eur J Basic Med Sci* 2014; 4(2): 49-52.
49. Durmaz S, Doğan SA, Tucer B, Koç AN, Aygen B, Perçin D. A Case of Brain Abscess Caused by Nocardia farcinica. *Int J Basic Clin Med* 2014; 2(2): 81-5

	<p>50. Durmaz S, Buyukunal Bal EB, Gunaydin M, Yula E, Percin D. 'Detection of β-lactamase genes, ERIC-PCR typing and phylogenetic groups of ESBL producing quinolone resistant clinical Escherichia coli isolates', Biomedical Research 2015; 26 (1): 43-50 ISSN 0970-938X</p> <p>51. Durmaz S, Kiraz A, Percin D, Doganay M. 'Antimicrobial resistance profile of Escherichia coli causing bacteremia in patients in intensive care units', Acta Medica Mediterranea 2015; 31: 633-7.</p> <p>52. Arslan S, Zorba YO, Atalay MA, Ozcan S, Demirbuga S, Pala K, Percin D, Ozer F. 'Effect of resin infiltration on enamel surface properties and Streptococcus mutans adhesion to artificial enamel lesions', Dental Materials Journal 2015; 34: 25-30.</p> <p>53. Percin D, Sav H, Hormet-Oz HT, Karauz M. 'The relationship between holding time and the bacterial load on surgical instruments', Indian J Surg 2015; 77:16-8.</p> <p>54. Durmaz S, Percin D, Ercal BD. 'Molecular epidemiology of quinolon resistant strains of extended spectrum beta-lactamase producing Escherichia coli', Pak J Med Sci 2015; 31:1067-72.</p> <p>55. Ceyhan M, Ozsurekci Y, Gürler N, Öksüz L, Aydemir S, Ozkan S, Yuksekkaya S, Keser Emiroglu M, Gültekin M, Yaman A, Kiremitci A, Yanik K, Karli A, Ozcinar H, Aydin F, Bayramoglu G, Zer Y, Gulay Z, Gayyurhan ED, Gül M, Özakin C, Güdücüoğlu H, Percin D, Akpolat N, Ozturk C, Camcıoğlu Y, Karadağ Öncel E, Çelik M, Şanal L, Uslu H. Serotype distribution of Streptococcus pneumoniae in children with invasive diseases in Turkey: 2008-2014. Hum Vaccin Immunother. 2016; 12(2):308-13.</p> <p>56. Ulu-Kilic A, Özhan E, Altun D, Percin D, Güneş T, Alp E. Is it worth screening for vancomycin-resistant Enterococcus faecium colonization?: Financial burden of screening in a developing country. Am J Infect Control. 2016; 44:E45-9.</p>
<p>Invited lectures in international congresses</p>	<ol style="list-style-type: none"> 1. Esel, D., "Main principles in sterilization", The First International Congress of Central Asia Infectious Diseases, October 30-November 2, 2006, Bishkek, Kyrgyzstan, (L 55), 53, (Invited Speaker) Programme and Abstract Book, İstanbul, 2006. 2. Esel, D., "The Disinfection policy at hospital settings: Which? Where? When? How?", The Second International Congress of Central Asia Infectious Diseases, March 27-30, 2008, Almaty, Kazakhstan, (L 8), 17, (Invited Speaker) Programme and Abstract Book, İstanbul, 2008. 3. Esel, D., "Sterilization of medical supplies as a health right in the world", World Congress of Sterilization, June 4-7, 2008, Milan, Italy, 4. Percin, D., "Knowledge is the best medical device", 1st IPCAN (Infection Prevention Conference of African Network) Conference, September 21-23, 2009, Kampala, Uganda. 5. Percin, D., "Disinfection Policies in Hospitals" Third Euroasian Congress of Infectious Diseases, October 1-4, 2009, Baku, Azerbaijan. 6. Percin D., "The relation between time and bacterial load on stainless steel", 10th World Congress of Sterilization, October 7-10, 2009, Crete, Greece,. 7. Percin, D., Disinfection of endoscopes, 4th seminar on sterilization and disinfection, 15th and 16th September 2010, Mashhad, Iran,. 8. Percin D. International standards and guidelines related to sterilization. The 4th Eurasia Congress of Infectious Diseases (EACID). 1-5 April 2011, Sarajevo, Bosnia-Herzegovina, 2011. 9. Percin D.7. Fachtagung der Österreichischen Gesellschaft für Sterilgutversorgung (ÖGSV) 12— 13 May 2011, Kärnten, Austria, 2011. 10. Percin D.Seminar of Sterilization. 30.7. 2011, Amman, Jordan, 2011. 11. Percin D.First International Conference "Setting up a new standards in CSSD in Health Care Facilities". 28— 29 September 2011, Scopje, Macedonia, 2011. 12. Percin D.Seminar on Sterilization and Disinfection. 2 October 2011, Shiraz, İnan, 2011. 13. Percin D. Studiedag VSZ: Donderdag 01 December 2011,Gent-Belgium, 2011. 14. Percin D. Evaluation of Detection Times of 3M Attest And Etigam Bright-Cheq Rapid Readout Biological Indicators on a Simulative Model. 12-15 October 2011, 12th World Congress of Sterilization, Estoril, Portugal (Second best poster award) 15. Percin D. Lecturer in Commisioned Advanced Training Programme of Hong Kong. 4-15 March 2013, Hong Kong. 16. Percin D. The relation between time and bacterial load on stainless steel. ZNSS - Section Nurses and Medical Technicians in Sterilisation Seminar: "Challenges,

Opportunities,Possibilities" 21-22 March 2013 Cultural Congress Centre, Dolenjske Toplice, Slovenia.

17. **Percin D.** Principles in hospital disinfection policies. 5th Euroasia Congress of Infectious Diseases. 15-18 May 2013, Tirana, Albania.
18. **Percin D.** Current threats to the attainment of Sterility Assurance Level. 14th World Congress of Sterilization. 6-9 November 2013, Antalya, Turkey.
19. **Percin D.** Vancomycin Resistant Enterococci: colonization, detection and prevention. Hospital Authority Convention 2014. 7-8 May 2014, Hong Kong.
20. **Percin D.** Principles of disinfection and sterilization in dentistry. 16th International Congress of Iranian Association of Endodontists. 13-17 August 2014, Isfahan, Iran.
21. **Percin D.** Impact of condensation on Sterility Assurance Level. 9th International Symposium of Sterilization and Infection Control in Health Assistance. September 17-20, 2014, Sao Paulo, Brazil.
22. **Percin D.** Principles of hospital disinfection. 6th Euroasia Congress of Infectious Diseases (EACID) Congress Book, p.89-90. September 24-27, 2014, Belgrade, Serbia.
23. **Percin D.** An unknown danger in the operating rooms: open system filling adaptors. 15th World Congress of Sterilization Congress Book, p. 19. October 15-18, 2014, Prague, Czech Republic.
24. **Percin D.** Impact of condensation on Sterility Assurance Level. 2014 International CSSD Forum. October 30-November 2nd, 2014, Hangzhou, China.
25. **Percin D.** Sterilization Practices and Hospital Infections. 5th International Congress of Society of Professionals of Infection Control-Egypt (SPIC-EGYPT). November 24-26, 2014, Cairo, Egypt.
26. **Percin D.** Impact of condensation on Sterility Assurance Level. FIRST INTERNATIONAL SYMPOSIUM IN MACEDONIA. 29-30 May 2015, Ohrid, Makedonya
27. **Percin D.** New approaches in sterilization logistics. 7th Euroasia Congress of Infectious Diseases Congress Book, p.14-15. 30 September-3 October 2015, Tiflis, Gürcistan
28. **Percin D.** 'Management of loan instruments'. 2015 International CSSD Forum. 30-31 October 2015, Hangzhou, China. (invited speaker)
29. **Percin D.** 'Importance of national sterilization standards development and implementation', Scientific Forum Control and Prophylaxis of nosocomial infections-2015. 23-24 November 2015, Moskov, Russia
30. **Percin D.** 'Biological indicators used in steam and VH₂O₂ sterilization' 1st European Board Meeting Low Temperature Sterilization. 29-30 April 2016, Paris-France
31. **Percin D.** 'Developments in Sterilization', China Disinfection and Infection Control Conference. August 24-25, 2016, Jinan, China
32. **Percin D.** 'Biological Monitoring', 11th Middle East Patient Safety Congress. 4-6 October 2016, Dubai, UAE (invited speaker).
33. **Percin D.** 'Sterilization practices and hospital infections: is there a relationship', Sterilisation Workshop for Healthcare Staff in Hong Kong. 1-2 March 2017, Hong Kong
34. **Percin D.** 'Resterilization of single use medical devices', Azerbaijan Dezinfeksiya Antiseptika Sterilizasiya-2018. 18-2 February 2018, Baku-Azerbaijan.
35. **Percin D.** "The importance of developing and implementing national standards for sterilization", Main Challenges in CSSD Meeting. 15-17 May 2018, Tel Aviv, Israel.