




**CURRICULUM VITAE**  
**LEVENT KENAR**  
**PROFESSOR, MD.PhD.**



**I. PERSONAL DATA:**

**Name** : Levent Kenar  
**Address** : University of Health Sciences  
Department of CBRN Defense  
06018 Etlik-Ankara/TURKEY  
**City, Postal Code, Country** : Ankara, 06018, Turkey  
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**Nationality** : Republic of Turkey

**II. EDUCATION:**

1997 Sept. - 2002 Feb. Doctoral Graduate Program in Medical Aspect of NBC (Nuclear, Biological and Chemical) Defense, Department of NBC, Medical School of Gülhane Military Medical Academy (GMMA), Ankara (Türkiye).

1993-1996, Education of Specialization in Clinical Biochemistry, Dept. of Clinical Biochemistry, GMMA.

1990-1993, Hospital residency in Medicine as General Practitioner.

1984-1990, Medical School of GMMA: MD degree (1990).

1978-1984, Bursa Anatolian High School (medium of instruction was English).

### **III. SUMMARY OF PROFESSIONAL SKILLS AND/OR EXPERTISE:**

#### **Fields of expertise:**

Clinical Laboratory of CBRN casualties,  
Chemical and Biological Injuries,  
Chemical and Biological Emergencies and Early Warning,  
Emergency Medical Response for Disasters and CBRN Incidents,  
Clinical Research on CBRN casualties  
Protection and Security of Chem-Bio Materials  
Clinical Biochemistry  
Management of a Medical Department

#### **Trainings Relevant to Professionals:**

<u>Name of Training Activity</u>	<u>Date</u>	<u>Location</u>
1. Course on First-Aid and Life Support in Battlefield	01-12 April 1991	Ankara-Turkey
2. Advanced Course on Cardiac Life Support in Trauma and Battlefield	13-24 December 1993	Ankara-Turkey
3. Gladstone Lipid Clinic Training Program	07-08 May 1998	Ankara-Turkey
4. Regional Training Course on Biodosimetry and Diagnosis of Health Effects of Exposure to Ionizing Radiation.	18-22 October 1999	İstanbul-Turkey
5. OPCW (Organization for the Prohibition of Chemical Weapons) Chemical Weapons Protection Training Course for Instructors	27 March-01 April 2000	Slovenska Lupca, Slovakia
6. Weapons of Mass Destruction First Responder Training Course	10-14 September 2001	Ankara-Turkey
7. NATO Tactical Evaluation (TACEVAL) Course 02	04 Oct 2001	İzmir, Turkey
8. NATO LTSS Chemical and Biological Defense-Medical Countermeasures-SAS024	28-30 January 2002	Hague, the Netherlands
9. The 5th UNMOVIC (United Nations Monitoring, Verification and Inspection Committee) Training Course (for WMD Inspector)	19 February-22 March 2002	Geneva, Switzerland
10. Hospital Disaster Planning Workshop	07 June 2002	Antalya-Turkey
11. NATO Nuclear, Biological and Chemical Defense Initiatives, NATO Summit Display	09-23 Nov 2002	Prague, Czech Republic

12. NATO Live CBRN (Chemical, Biological, Radiological and Nuclear) Scene Training, Exercise Prototype Response	28 April-09 May 2003	Suffield, Alberta, Canada
13. NATO CBRN Exercise Final Response	29 Ağustos-06 Sept 2003	Dugway Proving Gr. UT, USA.
14. 4 <sup>th</sup> Singapore International Symposium on Protection Against Toxic Substances	04-10 Dec 2004	Singapore
15. International Medical Chemical Defense Conference 2005 (Bundeswehr Institute of Pharmacology and Toxicology)	27-28 April 2005	Munchen, Germany
16. International Symposium on NBC Terrorism Defense: In Commemoration of the Anniversary of the Tokyo Subway Attack	16-19 June 2005	Choshi City, Japan
17. The 4th UNMOVIC (United Nations Monitoring, Verification and Inspection Committee) Biological Advanced Training Course	25 July-05 Aug 2005	Swindon, UK
18. National NBC Symposium (with International Participation) (Organizing Committee Member)	08-09 Nov 2005	Ankara, Turkey
19. Medical Response Course in Battlefield (as Instructor)	27 Feb-11 March 2006 and 04-09 Dec 2006	Diyarbakır/ Hakkari, Turkey
20. NBC 2006- Chemical, Biological, Nuclear and Radiological Threats	June 2006	Tampere-Finland
21. 9th International Symposium on Protection against Chemical and Biological Warfare Agents	22-25 May 2007.	Gothenburg-Sweden
22. Training on National Hospital Disaster Planning by Ministry of Health as Instructor)	24-27 Mar 2009	Yalova, Turkey
23. Workshop on "Response to Radiological and Nuclear Terrorism"	14-15 Jan 2010	Ankara, Turkey
24. CBRNe Convergence Conference and Exhibition	2-5 Nov 2010	Orlando, FL, USA
25. Emergency Medical Services: Medical Preparedness and Response to Bombing Incidents	12-13 Sept. 2011	Providence, RI, USA
26. Advanced Technology Application for Combat Casualty Care Conference 2011	15-18 Aug 2011	Fort Lauderdale, FL, USA
27. CBRNe Convergence 2011	01-03 November 2011	Istanbul, Turkey.

28. Workshop on "Weapons of Mass Destruction Terrorism"	31 Jan-01 Feb 2012,	Ankara, Turkey.
29. NATO NBC Defense Medical Working Group Member (Representative of Turkey)	In various times	NATO HQ, Brussels, Belgium
30. Postdoc Training, University of Minnesota, Center for Magnetic Resonance Research,	15.Sept.2010-16.Sept.2011,	Minneapolis, MN, USA.
31. Workshop Annual Workshop to Coordinate Assistance And Protection under Article of the Chemical Weapons Convention	30 June-02 July 2015	Antalya, Turkey
32. NATO Toxic Trip (Combined Interoperability CBRN Defence in Air Operations Exercise)	12 -21 October 2016	Antalya, Turkey
33. National Chemical Coordination, Planning, and Incident Response Workshop	13-16 December 2016	Lyon, France
34. NATO JCBRND-CDG, 8th Training and Exercise Panel	03-07 April 2017	Antalya, Turkey
35. OPCW Proficiency Test Workshop	19-20 July 2017	The Hague, Netherlands
36. OPCW First Responders Live Agent Training	04-14 June 2018	Zemianske Kostol'any, Slovakia,
37. 7th OPCW Assistance and Protection Training Course for Instructors	12-19 September 2018	Hague, Netherlands
38. OPCW International Workshop on Major Events Chemical Emergency Preparations	11-13 December 2018	Doha, Qatar
39. Tabletop Exercise on Article VII7 Biological Weapons Convention, United Nations	08-09 August 2019	Geneva, Switzerland
40. Biosafety and Biosecurity Train-the-Trainer Event, CRDF Global	14-16 October 2019	Antalya Turkey

**Languages:**

Mother tongue: Turkish

Other Languages: English (fluent in written and verbal English proficiency)  
German (sufficient for minimal working knowledge)

**IV. SUMMARY OF RELEVANT WORK EXPERIENCE:**

**Overview of work history:**

1990-1993 Physician as General Practitioner under General Staff, Ankara and Kirklareli, Turkey

1993-1996 Resident in Clinical Biochemistry under the Department of Clinical Biochemistry of Gulhane Military Medical Academy (GMMA) School of Medicine, Ankara, TURKEY

1996-1997 Chief of Department of Clinical Laboratory at Erzincan Military Hospital, Erzincan, TURKEY

1997-2002 PhD. Student of Medical CBRN Defense under GMMA Institute of Health Sciences, Department of Medical CBRN Defense, Ankara, TURKEY

2003-2007 Assistant Professor of Clinical Biochemistry and Medical CBRN Defense under GMMA Institute of Health Sciences, Department of Medical CBRN Defense, Ankara, TURKEY

2007- 2015 Associate Professor of Clinical Biochemistry and Medical CBRN Defense under GMMA Institute of Health Sciences, Department of Medical CBRN Defense, Ankara, TURKEY

2015- present Professor of Clinical Biochemistry and Medical CBRN Defense under GMMA Institute of Health Sciences, Department of Medical CBRN Defense, Ankara, TURKEY

2008- Aug 2016 Chief of Dept. of Medical CBRN Defense under GMMA Institute of Health Sciences, Department of Medical CBRN Defense, Ankara, TURKEY

Aug 2016- current Chief of Dept. of Medical CBRN Defense subordinate University of Health Sciences (UHS), Department of Medical CBRN Defense, Ankara, TURKEY

#### **Management Experiences:**

1991-1993 Chief of Mobile Surgical Hospital and Chief of Infirmary

1996-1997 Chief of Department of Clinical Laboratory at Erzincan Military Hospital, Erzincan, TURKEY

1997-2000 Chief of Hospital Central Laboratory, GMMA, Ankara, TURKEY

2003-2004 Medical NBC Officer at General Staff Headquarter, Ankara, TURKEY

2003-2008 Chiefintern of Department of Medical CBRN Defense, Ankara, TURKEY

2008-2016 Chief of Dept. of Medical CBRN Defense, GMMA, Ankara, TURKEY

2016-current Chief of Dept. of Medical CBRN Defense, GMMA, Ankara, TURKEY

#### **Mission/Scientific Related Experiences:**

- Central Clinical Laboratory Chief of Gulhane Medical Academy (1997-1998)
- NATO Tactical Evaluation-TACEVAL CBRN Auditor (2002-2005)
- Chief of Medical CBRN Response Team (2002-present)
- CBRN Exercises Involved:
  - Civil Defense NBC (CBRN) Exercise (Ankara, May 2002)
  - Medical NBC (CBRN) Exercise in a Military Hospital (Corlu, May 2005)
  - Hospital Medical CBRN Exercise (İzmir, 2007)
  - Hospital Medical CBRN Exercise (Çanakkale, May 2008)
  - NATO East Mediterranean CBRN Exercise (Marmaris, Nov 2008)
  - National CBRN Exercise (Ankara, Dec 2008)
  - Hospital Medical CBRN Exercise (Malatya, May 2009)
  - Military Medical Hospital CBRN Workshop and Exercise (Ankara, May 2012)
  - Turkish Armed Forces Joint CBRN Exercise (Antalya, Oct 2015)
  - NATO Toxic Trip Exercise (Antalya, Oct 2016)
- Symposium Organizing Committee Member
  - National NBC Symposium (15-16 May 2003, Ankara, Turkey)
  - National NBC Symposium with International Participation on Chemical Weapons (08-09 November 2005)

- National NBC Symposium with International Participation on Biological Weapons (13-14 June 2007)
- National Symposium on Nuclear and Radiological Hazard Management (symposium Chairman) (19-20 November 2009, Ankara, Turkey)
- International CBRN Congress (5-7 December 2017, Ankara, Turkey) (Organizing Committee and Scientific Committee Member)
- 2nd International CBRN Congress (28-30 November 2019, Ankara, Turkey) (Organizing Committee and Scientific Committee Member)
- Ministry of Defense, Member of CBRN Technology Panel (2014- continued)
- Ministry of Health, Member of Scientific Advisory Board of Emergency Health Services (Jan 2017- continued)
- Medical Management of Chemical Weapon Victims in Syria border (2015-2017)
- Establishment and Training of CBRN System of Syrian Border Military Ambulatory Surgical Hospital (31 Jan-01 Feb 2019, Hatay / Turkey)
- Member of Ethical Committee on Non-interventional Research (July 2017- continued)
- Member of CBRN Working Group of The Council of Higher Education (YÖK) (01 August 2018-continued)
- Chairman, Turkey's CBRN Defence Platform ([www.cbrndefence.org](http://www.cbrndefence.org))
- MSc./PhD Thesis Management

### **Projects Involved:**

- 1) Development of Protective Agent against Mustard (Ministry of Defense R&D Project # 35-98-02) (Assistant Researcher) (2000-2001)
- 2) Experimental evaluation of medical management against the effects of an organophosphorus compound which inhibits cholinesterases (Assistant Researcher) (2005-2006)
- 3) Development of a Method for Rapid Detection of an Anthrax Incident (Assistant Researcher) (2005-2006)
- 4) Determination of Correlation between the Severity of Strangulated Hernia and Blood D-Dimer Levels (Assistant Researcher) (2007-2008)
- 5) Analysis of Nitrogen Mustard and its Metabolites as a Chemical Warfare Agent by using Gas Chromatography-Mass spectrometry (GC-MS) (Project Manager) (2006-2009)
- 6) Determination of GADD45 gene expression as a bioindicator to show the effect of nitrogen mustard on human epidermal keratiocytes by using real-time PCR (Project Manager) (2007-continued)
- 7) Establishment of CBRN Analysis and Research Laboratory with Biosafety Level-3 in Military Medical Academy (Project Manager) (2011-continued)
- 8) Development of Plan for Disaster Risk Reduction in Turkey (Project Group Member) (2016-continued)
- 9) National Project on Strategy Document and Action Plan of Turkish Chemical Defense, (October 2017-continued)
- 10) The Health Security Project in Turkey (Consultant, Chemical Hazards for Early Warning and Response System), WHO Project, May 2010-continued)
- 11) "Rapid Accurate Integrated Detection of Pathogens-RAPID", (Consultant, European Commission HORIZON Project: SU-DRS02-2018-2019-2020, Sub-topic 2: [2019], Innovation for rapid and accurate pathogens detection, June 2019-cont.)
- 12) Establishment of National CBRN Training and Simulation Centre (Project Manager, University of Health Sciences Project, July 2019-cont.)

### **UN Related Experiences:**

- 27 March-01 April 2000.....OPCW (Organization for the Prohibition of Chemical Weapons) Chemical Weapons Protection Training Course for Instructors, Slovakia

- 19 February-22 March 2002...The 5th UNMOVIC (United Nations Monitoring, Verification and Inspection Committee) Training Course Geneva, Switzerland.
- 25 June-05 July 2005.....The 4th UNMOVIC (United Nations Monitoring, Verification and Inspection Committee) Biological Advanced Training Course, Swindon-UK.
- April 2007..... Enrollment for the vacancy "Head of Health and Safety Branch" under the Deputy Director General of OPCW, the Hague, the Netherlands (I was one of 4 selected applicants interviewed by the Board)

## **V. LIST OF PUBLICATIONS**

### **Papers published in international peer-reviewed journals indexed in SCI-E (Science Citation Index Expanded) (Peer-reviewed Journal Articles)**

- 1) Serdar MA., Kurt İ., Özcelik F., Urhan M., Ilgan S., Yenicesu M., **Kenar L.**, Kutluay T., "A Practical Approach to Glomerular Filtration Rate Measurements: Creatinine Clearance Estimation Using Cimetidine", Annals of Clinical and Laboratory Science, 31(3): 265-273, 2001.
- 2) Kılıç D., Boyunağa H., Kaygusuz S., Akgül Ö., Rashed MA., **Kenar L.**, Erbil MK., Kutluay T., "Neopterin Levels in Nonreplicative HBV Carriers", Hepatology Research, 24(1): 18-22, 2002.
- 3) Demir C, Teke K, Fedai T, **Kenar L.**, Bilgic H, Sen D., "Investigation of the correlation between inappropriate hospitalization and hospital stay rate: an application in medical clinics of a military hospital.", Military Medicine 167(10):817-20, 2002.
- 4) **Kenar L.**, Karayılanoglu T., Kose S., "Laboratory Conditions and Safety in a Chemical Warfare Agent Analysis and Research Laboratory", Military Medicine, 167(8): 628-633, 2002.
- 5) Karayılanoğlu T., Gunhan Ö., **Kenar L.**, Kurt B., "The Protective and Therapeutic Effects of Zinc Chloride and Desferrioxamine on Skin Exposed to Nitrogen Mustard", Military Medicine, 168(8): 614-617, 2003.
- 6) Karayılanoglu T., **Kenar L.**, Gulec M., "Evaluations over the Medical Emergency Responding to Chemical Terrorist Attack", Military Medicine, 168(8): 591-594, 2003.
- 7) Gunhan Ö., Kurt B., Karayılanoğlu T., **Kenar L.**, Celasun B., "Morphological and Immunohistochemical Changes on Rat Skin Exposed to Nitrogen Mustard", Military Medicine, 169(1): 7-10, 2004.
- 8) **Kenar L.**, Karayılanoglu T., "A Turkish Medical Rescue Team against NBC Weapons", Military Medicine, 169(2): 94-96, 2004.
- 9) **Kenar L.**, Karayılanoglu T., "Prehospital Management and Medical Intervention Following A Chemical Attack", Emerg Med J., 21(1): 84-88, 2004.
- 10) Serdar MA., Tokgoz S., Metinyurt G., Tapan S., Erinc K., Hasimi A., **Kenar L.**, Bilgi C., Kutluay T., "Effect of Macro-CK and Increased CKBB on the rapid diagnosis of patients with suspected acute Myocardial Infarction in the Emergency Department". Military Medicine, 170(8): 648-52, 2005.
- 11) **Kenar L.**, Karayılanoglu T., Gulec M., "How would military hospitals cope with a nuclear, biological, or chemical Disaster?", Military Medicine, 169(10): 757-60, 2004.
- 12) Karayılanoğlu T, **Kenar L.**, "A proposal for regional chemical and biological defense among the Balkan countries", Military Medicine, 169(8):580-2, 2004.

- 13) Musabak U, Sengul A, Oktenli C, Pay S, Yesilova Z, **Kenar L**, Sanisoglu SY, Inal A, Tuzun A, Erdil A, Bagci S., "Does immune activation continue during an attack-free period in familial Mediterranean fever?", *Clin Exp Immunol.*, 138 (3):526-33, 2004.
- 14) **Kenar L.**, Karayilanoglu T., Yuksel A., Gunhan Ö., Kose S., Kurt B., "Evaluation of Protective Ointments used against Dermal Effects of Nitrogen Mustard, a Vesicant Warfare Agent", *Military Medicine*, 170(1): 1-6, 2005.
- 15) Cosar A., **Kenar L.**, "An anesthesiological approach to nerve agent victims", *Military Medicine*, 171(1): 7-11, 2006.
- 16) **Kenar L.**, Boyunağa H., Serdar MA., Karayilanoğlu T., Erbil MK., "Effect of Nitrogen Mustard, a Vesicant Agent, on the Lymphocyte Energy Metabolism", *Clinical Chemistry and Laboratory Medicine*, 44(10): 1153-1157, 2006.
- 17) **Kenar L**, Karayilanoglu T., "Medical preparedness against chemical and biological incidents for the NATO Summit in Istanbul and lessons learned", *Prehospital Disaster Medicine*, 21(4):268-71, 2006.
- 18) **Kenar L.**, Karayilanoglu T., Eryilmaz M., Ortatatli M., Yaren H., "Chemical release at the airport and lessons learned from the medical perspective", *J Hazard Mater*, 144 (1-2): 396-399 (2007).
- 19) **Kenar L.**, Ortatatli M., Karayilanoglu T., Yaren H., "Comparison of Real-Time PCR and Conventional PCR Methods for the Rapid Identification of Bacillus Anthracis", *Military Medicine*, 172 (7): 773-776, 2007.
- 20) **Kenar L.**, Ortatatli M., Yaren H., Karayilanoglu T., Aydogan H., "Comparative Sporicidal Effects of Disinfectants after Release of a Biological Agent", *Military Medicine*, 172(6):616-621, 2007.
- 21) **Kenar L.**, Karayilanoğlu T. Aydın A., Serdar MA., Kose S., Erbil MK., "Protective Effects of Diets Supplemented with Omega-3 Polyunsaturated Fatty Acids and Calcium Against Colorectal Tumor Formation", *Digestive Diseases and Sciences*, 53(8): 2177-2182, 2008.
- 22) Zeybek N, Yildiz F, **Kenar L**, Peker Y, Kurt B, Cetin T, Ide T, Tufan T., "D-dimer levels in the prediction of the degree of intestinal necrosis of strangulated hernias in rats", *Dig Dis Sci*. 53(7):1832-6, 2008.
- 23) Bulucu F., Oktenli C., **Kenar L.**, Koc B., Ocal R., Karadurmus N., Inal V., Yamanel L., Sanisoglu YS., Aydin A., "Detrimental effects of N-acetylcysteine plus desferoxamine combination in an experimental nephrotic syndrome model", *International Journal of Toxicology*, 26(6):525-32, 2007.
- 24) Oktenli C., Ozgurtas T., Dede M., Sanisoglu YS., Yenen MC., Yesilova Z., **Kenar L.**, Kurt YG., Baser I., Smith J., Cianflone K., "Metformin decreases circulating acylation-stimulating protein levels in polycystic ovary syndrome", *Gynecological Endocrinology*, 23(12):710-5, 2007.
- 25) Ozgurtas T, Oktenli C, Dede M, Tapan S, **Kenar L**, Sanisoglu SY, Yesilova Z, Yenen MC, Erbil MK, Baser I., "Metformin and oral contraceptive treatments reduced circulating asymmetric dimethylarginine (ADMA) levels in patients with polycystic ovary syndrome (PCOS), Atherosclerosis, 2008.
- 26) Bulucu F., Oktenli C., **Kenar L.**, Koc B., Ocal R., Karadurmus N., Inal V., Yamanel L., Sanisoglu YS., Aydin A., "Efficacy of deferoxamine, N-acetylcysteine and selenium treatments in rats with Adriamycin-induced nephrotic syndrome", *Journal of Nephrology*, 21(4):576-83, 2008.
- 27) Turan Karayilanoglu, **Kenar L.**, Muhittin Serdar, Songul Kose, Ahmet Aydın, "Bacterial Biodegradation of Aldicarb and Determination of Bacterium Which Has The Most



Biodegradative Effect", *Türk Biyokimya Dergisi [Turkish Journal of Biochemistry–Turk J Biochem]*, 33 (4); 209–214, 2008.

28) Korkmaz A., Yaren H, Kunak ZI, Uysal B., Kurt B., Topal T., **Kenar L.**, Ucar E., Oter S. "Epigenetic perturbations in the pathogenesis of mustard toxicity; hypothesis and preliminary results", *Interdisc Toxicol. Vol. 1(3–4)*: 236–241, 2008.

29) Serdar MA., **Kenar L.**, Haşimi A., Koçu L., Türkmen YH., Kurt İ., Akman Ş., Erbil MK., "Tourniquet Application Time During Phlebotomy and The Influence on Clinical Chemistry Testing; Is It Negligible?", *Türk Biyokimya Dergisi [Turkish Journal of Biochemistry–Turk J Biochem]*, 33(3): 85-88, 2008.

30) Bulucu F, Ocal R, Karadurmus N, Sahin M, **Kenar L.**, Aydin A, Oktenli C, Koc B, Inal V, Yamanel L, Yaman H. "Effects of N-Acetylcysteine, Deferoxamine and Selenium on Doxorubicin-Induced Hepatotoxicity", *Biol Trace Elem Res.*, 2009.

31) Serdar MA, Bakir F, Hasimi A, Celik T, Akin O, **Kenar L.**, Aykut O, Yildirimkaya M, "Trace and Toxic Element Patterns in Nonsmoker Patients with Noninsulin-dependent Diabetes Mellitus, Impaired Glucose Tolerance, and Fasting Glucose, *Int J Diabetes Dev Ctries.* 2009 Jan;29(1):35-40.

32) **Kenar L.**, Alp O., "Comparison of organic solvents used for the determination of mustard gas hydrolysis products in urine samples using gas chromatography-mass spectrometry", *Analytical Letters*, 43(3): 417-423, 2010.

33) **Kenar L.**, "The Use of Biosensors for the Detection of Chemical and Biological Weapons, *Türk Biyokimya Dergisi [Turkish Journal of Biochemistry–Turk J Biochem]*, 35 (1); 72-74, 2010.

34) Ozsari L., Boyunaga H., Karadurmus N., Sahin M., Uckaya G., Ural A.U., **Kenar L.**, Kutlu M., "Comparison of lymphomononuclear cell energy metabolism between healthy, impaired glucose intolerance and type 2 diabetes mellitus patients", *Endocrine* 38(1): 142, 2010.

35) **Kenar L.**, Alp O, "Determination of nitrogen mustard hydrolysis products in rat urine samples using gas chromatography-mass spectrometry", *Journal of Chromatographic Science*, 49(5): 361-4, 2011.

36) Kunak ZI, Macit E, Yaren H, Yaman H, Cakir E, Aydin I, Turker T, Kurt YG, Ozcan A, Uysal B, Isbilir S, Akgul EO, Cayci T, Korkmaz A, **Kenar L.**, "Protective effects of melatonin and S-methylisothiourea on mechlorethamine induced nephrotoxicity", *J Surg Res.*,175(1): 17-23, 2012.

37) Serdar MA, Akin BS, Razi C, Akin O, Tokgoz S, **Kenar L.**, Aykut O., "The correlation between smoking status of family members and concentrations of toxic trace elements in the hair of children.", *Biol Trace Elem Res*, 148(1):11-7, 2012.

38) Ortatatli M., Karagoz A., Percin 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", *Comparative Immunology, Microbiology and Infectious Diseases*, 35 (4): 355-361, 2012.

39) Serdar MA, Ozgurtas T, Ispir E, **Kenar L.**, Senes M, Yücel D, Bilgi C, Kurt I., "Comparison of relationships between FT4 and log TSH in Access DXI 800 Unicel, Modular E170 and ADVIA Centaur XP Analyzer.", *Clin Chem Lab Med.*, 1;50(10):1849-52, 2012.

40) Macit E, Yaren H, Aydin I, Kunak ZI, Yaman H, Onguru O, Uysal B, Korkmaz A, Turel S, **Kenar L.**, "The protective effect of melatonin and S-methylisothiourea treatments in nitrogen mustard induced lung toxicity in rats", *Environ Toxicol Pharmacol.* 36(3):1283-90, 2013.

- 41) Ortatatli M., Canitez K., Sezigen S., Eyison K., **Kenar L.** "Evaluation of Gamma-Radiation Inactivation of a Bioterrorism Agent, Bacillus anthracis Spores, on Different Materials", Indian Journal of Microbiology, 2017, 2018 Mar;58(1):76-80. doi: 10.1007/s12088-017-0691-z. Epub 2017 Nov 9.
- 42) Kilic E, Ortatatli M, Sezigen S, Eyison RK, **Kenar L.** "Acute intensive care unit management of mustard gas victims: the Turkish experience."Cutan Ocul Toxicol. 2018 Dec;37(4):332-337. doi: 10.1080/15569527.2018.1464018. Epub 2018 May 7.
- 43) Sezigen S, Ivelik K, Ortatatli M, Almacioglu M, Demirkasimoglu M, Eyison RK, Kunak ZI, **Kenar L.**: " Victims of chemical terrorism, a family of four who were exposed to sulfur mustard."Toxicol Lett. 2019 Mar 15; 303:9-15. doi: 10.1016/j.toxlet.2018.12.006. Epub 2018 Dec 17.
- 44) Eyison RK., Sezigen S., Ortatatli M, **Kenar L.** "Optimized Gas Chromatography-Tandem Mass Spectrometry for 1,1'-sulfonylbis[2-(methylthio) ethane] Quantification in Human Urine", J Chromatogr Sci. 2019 May 1; 57(5): 397-402. doi: 10.1093/chromsci/bmz017.
- 45) Sezigen S., Eyison RK., Kilic E., **Kenar L.** "Evidence of Sulfur Mustard Exposure in Victims of Chemical Terrorism by detection of Urinary  $\beta$ -lyase metabolites" Clin Toxicol (Phila) 2019 May 10; 1-9. Doi: 10.1080/15563650.2019.1614190.
- 46) Ortatatli M., **Kenar L.**, Sezigen S., Eyison K., Oktem H. "Molecular detection of *Bacillus anthracis*: Evaluation of the efficiency of DNA extraction and a novel dry PCR", Turkish Journal of Biochemistry, 44(2): 147–152, 2019, Doi: 10.1515/tjb-2018-0292.
- 47) Sezigen S, Eyison RK, Ortatatli M, Kilic E, **Kenar L.** "Myelosuppression and acute hematological complications of sulfur mustard exposure in victims of chemical terrorism", Toxicol Lett. 2019 Oct 31;318:92-98. doi: 10.1016/j.toxlet.2019.10.017.

#### **Papers published in international journals indexed in other indices (Non-peer-reviewed Journal Articles):**

- 1) Demir C., **Kenar L.**, "Perceived Leadership Behaviors of Nurse Administrators Working in a Training Hospital", International Review of the Armed Forces Medical Services, 74(2): 98-100, 2001.
- 2) Inal A., Musabak U., Kazkayası M., **Kenar L.**, Yetiser S., Sengul A., "HLA Antigens in Patients with Laryngeal Carcinoma", International Review of the Armed Forces Medical Services, 74(3): 156-159, 2001.
- 3) **Kenar L.**, Karayilanoglu T., "Medical Preparedness Against Chemical and Biological Incidents for NATO Summit-Istanbul and Lessons Learned", Prehospital and Disaster Medicine, 21(4), 268-271, 2006.
- 4) Zeybek N., **Kenar L.**, Yildiz F., Peker Y., Kurt B., Serdar M., Kusaslan R., Tufan T., "The Effect of Suprogel® - Macromolecule Polysaccharide - on the Formation of Postoperative Abdominal Adhesions", Balkan Military Medical Review, 10, 101-106, 2007.
- 5) Durusu M., Eryilmaz M., **Kenar L.** "Institutional Preparation and Intervention Stages of Health Administration in Cases of Major Radiation Incidents", Balkan Military Medical Review, 13, 33-39, 2010.

6) **Kenar L.**, Ortatlatlı M., "How Military Hospitals Get Ready For Chemical Weapon Victims", Military Medical Science Letters, 82, 1-9, 2013.

**Papers published in national journals indexed in Turkish Medical Indices:**

1) Bilgi C., Erbil MK., Yılmaz K., **Kenar L.**, "ELISA Kuyucuklarında Serum Sialik Asit Konsantrasyonlarının Enzimatik Analizi-Enzymatic analysis of serum sialic acid concentrations in ELISA wells"(in Turkish), Türk Biyokimya Dergisi, 20 (2): 17-22, 1995.

2) Özata M., Erbil MK., **Kenar L.**, Bolu E., Sağlam M., Bulur M., Azal Ö., Beyhan Z., Çorakçı A., Gündoğan MA., "Serum Total Sialic Acid Levels in Untreated Male Hypogonadism", Turkish Journal of Medical Sciences, 27(2): 165-169, 1997.

3) Yaman H., Erbil MK., Ünlü A., **Kenar L.**, Barçın C., Bilgi C., Kutluay T., "Thrombus Precursor Protein (TpP): Myokard Infarktüsü ve Tromboembolik Olgularda Önemi" (in Turkish), Gülhane Tıp Dergisi, 42(2): 139-143, 2000.

4) Serdar MA., Kurt İ., Bayraktar İ., **Kenar L.**, Özçelik F., Onur İ., Kutluay T., "Optimization of Fluorometric Measurement of Free and Total Carnitine in Serum", Turkish Journal of Medical Sciences, 31(4): 309-316, 2001.

5) Karayılanoğlu T., Berenshtein E., **Kenar L.**, Kitrossky N., Kisa Ü., Chevion M., "Comparison of Determination of Nitrogen Mustard in Biological Fluids by using High Performance Liquid Chromatography (HPLC) and Gas Chromatography-Mass Spectrometry (GC-MS)", Türk Biyokimya Dergisi, 26(2): 70-76, 2001.

6) Karayılanoğlu T., Berenshtein E., **Kenar L.**, Kitrossky N., Kisa Ü., Chevion M., "Determination of Nitrogen Mustard by using High Performance Liquid Chromatography and Mass Spectrometry", Türk Biyokimya Dergisi, 26(3): 90-95, 2001.

7) Karayılanoğlu T., Berenshtein E., **Kenar L.**, Kitrossky N., Kisa Ü., Chevion M., "Application of Gas Chromatography-Mass Spectrometry to the Analysis of the Nitrogen Mustard and the Evaluation of Extraction Methods Used for its Handling", Türk Biyokimya Dergisi, 26(3): 95-99, 2001.

8) Yıldırım G., Erbil MK., **Kenar L.**, Ünlü A., Çakır E., Kutluay T., "Comparison of Alumina and Cation Exchange Resin Extraction Techniques for HPLC-ECD in Quantification of Free Urinary Catecholamines in Patients with Various Diseases", Mersin Üniversitesi Tıp Fakültesi Dergisi, 1: 67-75, 2001.

9) **Kenar L.**: "Kimyasal Silahlar-Chemical Weapons ",(in Turkish), Anestezi Dergisi, 11(1): 75-77, 2003.

10) **Kenar L.**: "Kimyasal Silahlara Genel Bakış-An overview on chemical weapons" (in Turkish), TSK Koruyucu Hekimlik Bülteni, 2(3): 48-54, 2003.

11) Muşabak U., Sengul A., İnal A., **Kenar L.**: "Intravenous Immunoglobulin (İVİG) treatment", Türkiye Klinikleri İmmunoloji-Romatoloji Dergisi, 3(2): 107-116, 2003.

12) Dizer U., **Kenar L.**, Ortatlatlı M., Karayılanoğlu T., "How to weaponize anthrax?", Eastern Journal of Medicine, 9(1): 13-16, 2004.

- 13) **Kenar L.**, "Kitle İmha Silahlarına Karşı Savunmanın Tıbbi Boyutu-Medical aspect of defense against mweapons of mass destruction" (in Turkish), TSK Koruyucu Hekimlik Bülteni, 3(10): 243-259, 2004.
- 14) Boyunaga H., Güliter S., Başar H., Mayda AS., **Kenar L.**, Kutluay T., "Gençlik Hormonu olarak kabul edilen DHEA-SO<sub>4</sub>'ün Farklı Cins ve Yaş Gruplarındaki Dağılımı- Distribution of DHEA-SO<sub>4</sub> in various genders and ages" (in Turkish), Kırıkkale Üniversitesi Tıp Fakültesi Dergisi, 5(1): 1-4, 2004.
- 15) **Kenar L.**, Karayılanoglu T., Sezigen S., "Kimyasal ve Biyolojik Afetlere Tıbbi Yaklaşım-Medical approach against chemical and biological disasters" (in Turkish), Ulusal Afet Dergisi, 1(1): 39-44, 2006.
- 16) Ortatatlı M., **Kenar L.**, Yaren H., Karayılanoğlu T., "Biyolojik Araştırma Laboratuvarında Güvenlik-Safety in Biological research Laboratories" (in Turkish), Türkiye Klinikleri Tıp Bilimleri, 26: 396-403, 2006.
- 17) Baysallar M., **Kenar L.**, "Biyoterörizm ve Dekontaminasyon Yönetimi-Bioterrorism and Management of Decontamination" (in Turkish), Türk Hij Den Biyol Derg, 63 (1,2,3): 115-128, 2006.
- 18) Karayılanoğlu T, **Kenar L.**, Ortatatlı M., Öztuna A., "Şarbon Şüpheli Pakete NBC Laboratuvarının Yaklaşımı- The approach of NBC Laboratory to packages suspected with anthrax" (in Turkish), Türk Hij Den Biyol Derg, 63 (1,2,3): 165-169, 2006.
- 19) Ortatatlı M., Hayat L., **Kenar L.**, Dizer U., "Antineoplastik Tedavi Sonrasında Görülen Kronik HBV İnfeksiyonu Reaktivasyonu Olgusu-Case with chronic HBV infection reactivation following antineoplastic treatment" (in Turkish), Klimik Dergisi, 20(3): 92-94, 2007.
- 20) Yaren H., **Kenar L.**, Karayılanoğlu T., "Önemli bir Kimyasal Silah Grubu: Sinir Ajanları-An important Chemical weapon Group: Nerve Agents" (in Turkish), TSK Koruyucu Hekimlik Bülteni, 6(6): 491-500, 2007.
- 21) **Kenar L.**, Eryılmaz M.: "Kimyasalla Kirlenmiş Sahadaki Yaralılar İçin Triyaj Uygulamalarının Değerlendirilmesi - Evaluations on Triage Applications for Chemical Casualties in Chemically Contaminated Area", Akademik Acil Tıp Dergisi, 8(4): 9-13, 2009.
- 22) Zeybek N., Yıldız F., Günal A., **Kenar L.**, Aydın A., Peker Y., Çoban S., İde T.: "Deneysel Kostik Özefagus Yanığında Medikal Balın Etkisi-Effect of Medical Honey on Experimental Esophagus Burns" (in Turkish), Erciyes Üniversitesi Veteriner Fakültesi Dergisi, 6(1): 13-19, 2009.
- 23) Boyunaga H., **Kenar L.**, Keles H., Gulec M, Oguzturk O.: "The Relationship Between Depressive Status and Total Cholesterol Levels in a Bomb Plant Workers", Journal of Clinical and Analytical Medicine, 1(1): 21-25, 2010.
- 24) Boyunağa H., Keleş H., **Kenar L.**, Ural AU., Avcu F.: ""Anaerobic Glycolysis is the Main Pathway for Energy Generation in HL-60 Acute Promyelocytic Leukemia Cells"", Journal of Clinical and Analytical Medicine, 1(2): 21-25, 2010.
- 25) Ortatatlı M., Gümrall R., Üçkardeş H., **Kenar L.**, "Değişik Bölgelerden Gelen Erişkin HBsAg pozitif hastalarda Anti-HAV seropozitifliği- Anti-HAV Seropositivity in Adult Patients With HBsAg positive From Various Locations of Turkey" (in Turkish), Türk Hijyen ve Deneysel Biyoloji Dergisi, 69(2), 61-66, 2012.

26) Ortatatlı M., Gümral R., Özbek A., **Kenar L.**, "Correlation Between Serum and Tissue Viral Load, Serology, and Liver Damage in Patients with Hepatitis B", Journal of Clinical and Analytical Medicine, 5(6): 494-7, 2014.

27) Ortatatlı M., Sezigen S., Ayan HA., Balandız H., **Kenar L.:** "Terörizm Kapsamında Kimyasal, Biyolojik, Nükleer ve Radyasyona Bağlı Yaralanmaların Değerlendirilmesi-Evaluation of Injuries due to Chemical Biological Nuclear and Radiological Agents from the Terrorism Perspective" (in Turkish), Türkiye Klinikleri Adli Tıp Bilimleri, 1 (2), 44-52, 2015.

28) Sezigen S., Kenar L. "Hardal Gazına Maruz Kalmış Kimyasal Yaralıların Tıbbi Yönetiminin Retrospektif Değerlendirilmesi ve Öneriler (Retrospective Evaluation of Medical Management of Chemical Casualties Who were Exposed to Sulfur Mustard and Recommendation in Turkish), Osmangazi Journal of Medicine, 2019, doi:10.20515 /otd.521664, Available online at [tip.ogu.edu.tr](http://tip.ogu.edu.tr).

29) Sezigen S., Eyison RK., Kenar L. "Bioanalytical Verification of Sulfur Mustard Exposure in a Syrian Family", Gulhane Medical Journal, 61- 64-68, 2019. Doi: 10.26657/ gulhane.00056.

30) Kenar L. "Recent Chemical Weapon Attacks in Syria and Its Implications", Journal of Energy Policy Turkey, 7th issue (Syria Focus), 10 Nov 2019, <http://www.energypolicyturkey.com/recent-chemical-weapon-attacks-in-syria-and-its-implications/>

#### **Book Chapters/Booklets:**

1) "Role of Military Hospitals in Handling Chemical and Biological Disasters", Book Chapter (in English), Disaster Management: Medical Preparedness, Response and Homeland Security, Chapter 16, (Eds.) Arora R., Arora P., CAB International United Kingdom, 2013.

2) "Medical Approach in Chemical and biological warfare Environment", Book Chapter (in Turkish) Gün Sıfır-Day Zero, (Eds) Hancı M., Uzan M., Nobel Tıp Kitabevleri, İstanbul. Pp.461-511, 2013.

3) "Kimyasal ve Biyolojik Silahlara karşı Tıbbi Savunma Broşürü- Booklet on Medical defense against Chemical and Biological Weapons", Book chapter (in Turkish), Gulhane Medical Academy Printing House, Ankara, 1998.

4) "Kimyasal ve Biyolojik Savaşın Tıbbi Yönü-Medical Aspect of Chemical and Biological Warfare", Book Chapter (in Turkish), Gulhane Medical Academy Printing House, Ankara, 1998.

5) Kimyasal ve Biyolojik Silahlara Karşı Tıbbi Savunma, Book Chapter (in Turkish), Handbook of Battlefield Physician, Gulhane Medical Academy Printing House, 2001.

6) Kimyasal ve Biyolojik Terörizm, (book chapter) (in Turkish), Gulhane Medical Academy Printing House, 2002.

7) Kimyasal Atakta Tıbbi Savunma ve Pestisitler –Medical Defense in Chemical Attacks and Pesticides, (book chapter) (in Turkish), Gulhane Medical Academy, 2004.

8) "Kimyasal Silahlar- Chemical Weapons", (book chapter) (in Turkish), Afet Tıbbı (Disaster Medicine), (Eds.) Eryılmaz M., Dizer U., Ünsal Printing House, Ankara. pp: 1255-1286, 2005.

9) "Kimyasal ve Biyolojik Tehditlere Yaklaşım Algoritması- Algorithm for Approach to Chemical and Biological Threats", (online booklet at [http://www.tkhk.gov.tr/DB/12/745\\_DB\\_12\\_kbrn-tedavi-algoritmasi](http://www.tkhk.gov.tr/DB/12/745_DB_12_kbrn-tedavi-algoritmasi)), Ministry of Health, Ankara, 2013.

10) "Kimyasal Savaş Yaralılarının Tıbbi Yönetimi İçin Pratik Rehber - Practical Guide for Medical Management of Chemical Warfare Casualties" (online book at <http://www.sbu.edu.tr/Yayin/Kitap> , Kenar L., Sezigen S. (Turkish Translation Editors with the permission of OPCW), UHS, Ankara, 2016.

11) "Hekimler ve Hemşireler için Laboratuvar ve Tanısal Testler- Laboratory and Diagnostic Tests for Physicians and Nurses", Editor M.Kemal Erbil, Reviewer L. Kenar, Nobel Tıp, March 2015, Ankara.

### **Thesis and Directives:**

1. "The Measurement of plasma free amino acids by using the HPLC-ECD", (MSc. Thesis for Clinical Biochemistry), 1996, Ankara.

2. Development of 'National NBC Defence and First-Aid System' for our country against an NBC attack, (Doctoral Thesis for PhD on Medical CBRN), Ankara, 2002.

3. Directive of Turkish Armed Forces on Medical CBRN Defence (Official Publication) (MY435-7), Turkish General Staff, 2011.

### **International Scientific Activities as Invited Speaker**

1) The 1st World Congress of Emergency and Military Contingency Medicine, 03–08 June 2002, Antalya, Turkey.

2) 8th Symposium on Protection against Chemical and Biological Weapons, 03-06 June 2004, Gothenburg-Sweden.

3) 4th Singapore International Symposium on Protection Against Toxic Substances, 06-10 December 2004, Singapur.

4) CBMTS-Industry V (Fourth World Congress on Chemical, Biological and Radiological Terrorism), Dubrovnik, Croatia, 2007.

5) CBRNe World's 2008 Conference & Exhibition, 22-24 Sept 2008, Bucharest, Romanya.

6) 14th Congress of Balkan Military Medical Committee, 10-14 May 2009, Sunny Beach, Bulgaria.

7) CBRNe Convergence 2011, 01-03 November 2011, Istanbul, Turkey.

8) Workshop on "Weapons of Mass Destruction Terrorism", 31 Jan-01 Feb 2012, Centre of Excellence-Defense Against Terrorism (COE-DAT), Ankara, Turkey.

9) NCT (Non Conventional Threat): CBRN Asia 2013, 24-27 September 2013, Kuala Lumpur, Malaysia.

10) NATO Advanced Research Workshop on Nanotechnology to Aid Chemical and Biological Defence, 23-26 Sept. 2014, Antalya, Turkey.

11) CSCM – World Congress on CBRNe Science & Consequence Management, 12-17 April 2015, Zagreb, Croatia.

12) National Chemical Coordination, Planning, and Incident Response Workshop, 13-16 December 2016, Lyon. France.

13) NCT (Non Conventional Threat) Middle East CBRNe 2017, 06-08 November 2017, Doha, Qatar.

14) Symposium on Medical Treatment of Chemical Weapons Victims, Challenges and Hopes", 28-29 June 2018, Hague, Netherlands.

15) "Chemical, Biological, Radiological and Nuclear (CBRN) Defence Course", Multinational Maritime Security Centre of Excellence, 24-28 September 2018, Istanbul, Turkey.

16) 3rd International ASSAM Union Congress, 19-21 December 2019, Istanbul, Turkey

### **Oral Presentations published in International Abstract Books**

1) Erbil MK., Yaman H., Unlu A., **Kenar L.**, Barcin C., Bilgi C., Kutluay T., "Evaluation of Diagnostic Value of Plasma Thrombus Precursor Protein (TPP) in Thromboembolic Cases", 4th Congress of Balkan Military Medical Committee, June 6-10, 1999, Bucharest – Romania.

2) Erbil MK., Yaman H., **Kenar L.**, Unlu A., Erdil A., Yesilova Z., Cetin C., "The Determination of Plasma Total Homocysteine concentrations in Helicobacter Pylori (+) Patients with Chronic Gastritis by HPLC with Fluorescence Detection", 4th Congress of Balkan Military Medical Committee, June 6-10, 1999, Bucharest – Romania

3) Unlu A., Yaman H., Erbil MK., **Kenar L.**, Kutluay T., Leake RE., "Inhibition of Tyrosine Kinase Activity in Prostate Cancer", The First International Biosciences Days, April 20-24, 1999, Antalya, Turkey.

4) Ozguven MA., Karayılanoglu T., **Kenar L.**, "Monitoring for the Internalized Depleted Uranium (DU)", 7th Congress of Balkan Military Medical Committee, 06-10 October 2002, Athens, Greece.

5) **Kenar L.**, Karayılanoglu T., "A Basic Turkish Response System Against Deliberate Chemical Incidents and a Simulated Chemical Scenario", 8th Symposium on Protection Against Chemical and Biological Weapons, 03-06 Haziran 2004, Gothenburg-Sweden.

6) **Kenar L.**, Karayılanoğlu T., "Medical Preparedness Against Chemical and Biological incidents for NATO Summit 2004-Istanbul and Lessons Learned", 4th Singapore International Symposium on Protection Against Toxic Substances, 06-10 December 2004, Singapur.

7) **Kenar L.**, Karayılanoğlu T., Ortatlatli M., Kunak Z., "Avian Influenza Cases and Bioterrorism from the Turkish Perspective", 5th Singapore International Symposium on Protection Against Toxic Substances, 27 Nov-1 December 2006, Singapur.

8) **Kenar L.**, Karayılanoğlu T., Ortatlatli M., "The Approach to Bioterrorism Incidents in Turkey", CBMTS-Industry V (Fourth World Congress on Chemical, Biological and Radiological Terrorism), 16-19 April 2007, Dubrovnik, Croatia.

9) **Kenar L.**, "Role of Medical First responders and Health Issues During a CBRN Attack", CBRNe World's 2008 Conference & Exhibition, 22-24 September 2008, Bucharest, Romania.

- 10) **Kenar L.**, "Types of Biological Agents and Medical Countermeasures against Bioterrorist Attacks", "Bioterrorism Symposium, NATO Advanced Research Workshop", 13-14 November 2008, Ankara, Turkey.
- 11) Sezigen S, Kunak ZI, Ulcay A, **Kenar L.**, "Lessons We Learned-A Radiological Exercise In a Military Hospital", 14th Congress of Balkan Military Medical Committee, 10-14 May 2009, Sunny Beach, Bulgaria.
- 12) **Kenar L.**, "A Medical Exercise Based On Chemical Nerve Agent Incident In A Navy Hospital", 14th Congress of Balkan Military Medical Committee, 10-14 May 2009, Sunny Beach, Bulgaria.
- 13) **Kenar L.**, "Turkish CBRN Medical Management", CBRNe Convergence 2011, 01-03 November 2011, Istanbul, Turkey.
- 14) **Kenar L.**, Ortatlatli M., Kunak Zİ., Sezigen S., "Collaboration Proposals for Improving CBRN Response Amongst Balkan Countries From the Medical Perspective", 18th Congress of Balkan Military Medical Committee, 22-26 May 2013, Istanbul, Turkey.
- 15) **Kenar L.**, Ortatlatli M., Kunak Zİ., Sezigen S., "Turkish Medical Perspective on CBRN Response System Through a Table-Top Exercise Model", 18th Congress of Balkan Military Medical Committee, 22-26 May 2013, Istanbul, Turkey.
- 16) **Kenar L.:** " Current methods used for the detection of chemical and biological agents", NATO Advanced Research Workshop on Nanotechnology to Aid Chemical and Biological Defence, 23-26 Sept. 2014, Antalya, Turkey.
- 17) Oztuna A., Sezigen S., **Kenar L.** "Enemy at the Gate - Mass Decontamination of Chemical Agent Casualties", The 3rd International Conference on Healthcare System Preparedness and Response to Emergencies and Disasters, 13-15 January 2014, Tel-Aviv, Israel.
- 18) Yaren H., Kunak Zİ., Macit E., Kurt B., Yaman H., Korkmaz H., **Kenar L.:** "Comparing the Effects of Melatonin and S-Methylizothiourea on Nitrogen Mustard Caused Dermal Damage", 20th Congress of Balkan Military Medical Committee, 8-11 June 2015, Thessaloniki, Greece.
- 19) **Kenar L.**, "Medical Preparedness for Chem-Bio Defence based on recent Threats in our Geographical Area", CSCM – World Congress on CBRNe Science & Consequence Management, 12-17 April 2015, Zagreb, Croatia.
- 20) **Kenar L.**, "Chemical Weapons: from the perspectives of recent incidents" International 14th Anatolian Forensic Sciences Congress, 20-22 October 2017, Nazilli, Turkey.
- 21) Eyison K, Eyison HM, Sezigen S., Ortatlatli M., **Kenar L.:** "The Importance of Paraoxonase in the Treatment of Nerve Agents", OP-14, International CBRN Congress, 05-07 December 2017, Ankara, Turkey.
- 22) Sezigen S., Eyison K, Ortatlatli M., **Kenar L.:** "Expecting the Unexpected; Chlorine", OP-20, International CBRN Congress, 05-07 December 2017, Ankara, Turkey.
- 23) **Kenar L.** "Threat of chemical weapons in Syria conflict and its impact on Balkan region along with the health and laboratory management system", Balkan Clinical Laboratory Federation Congress, 27-31 October 2019, Antalya -Turkey.

#### **Poster Presentations published in International Abstract Books**



- 1) Özata M., Erbil MK., **Kenar L.**, Bolu E., Sağlam M., Bulur M., Azal Ö., Beyhan Z., Çorakçı A., Gündoğan MA., "Serum Total Sialic Acid Levels in Untreated Male Hypogonadism". 8th Balkan Congress of Endocrinology, 03 -05 May 1995, Bursa- Turkey.
- 2) Erbil MK., Yıldırım G., **Kenar L.**, Hasimi A., Çakır E., "Determination of Urine Free Norepinephrine (NE), Epinephrine /E), and Dopamine /DA) by Reverse-Phase HPLC with Electrochemical Detection and Its Clinical Application", AACC/CSCC 1996 Annual Meeting. July 28-August 1, 1996, Chicago, IL, USA, Clinical Chemistry 42 (Supply 6), p.556, Jun 1996.
- 3) Erbil MK., **Kenar L.**, Cakır E., Kutluay T., "The Measurement of Plasma Free Amino Acids By Using The High Pressure Liquid Chromatography With Electrochemical Detection (HPLC-ECD)", AACC/CSCC 1997 Annual Meeting, Atlanta, GA, USA, Clinical Chemistry 43 (Supply 6), p.180, 1997.
- 4) Erbil MK., Yaman H., **Kenar L.**, Kutluay T., "The Measurement of Plasma Total Homocysteine Concentration with HPLC-fluorescence Detector", 3th Congress of Balkan Military Medical Committee, 10-13 May 1998, Athens- Greece.
- 5) Yesilova Z., Erbil MK., **Kenar L.**, Yaman H, Ozata M., "The Measurement of Plasma Total Homocysteine Levels by Using HPLC- Fluorescence Detector in Hypogonadal Men", 23rd International Symposium on High Performance Liquid Phase Separations and Related Techniques HPLC '99", Abst.No: PA4/24, 1999, Granada, Spain.
- 6) Erbil MK., Erdil A., **Kenar L.**, Yaman H., Yesilova Z., Cetin C., "The Determination of Plasma Total Homocysteine Concentrations in Helicobacter Pylori (+) Patients with Chronic Gastritis by HPLC with Fluorescence Detection", 23rd International Symposium on High Performance Liquid Phase Separations and Related Techniques HPLC '99, Abst.No: PA4/23, 1999, Granada, Spain.
- 7) Yaman H., Ozkan M., Erbil MK., Ünlu A., **Kenar L.**, Kutluay T., "Levels of Plasma Homocysteine, Fibrinogen and Fibrin Degradation Products in Ischemic Cardiac Disease". 5th Congress of Balkan Military Medical Committee, 25-28 Sept.2000, Ankara, Turkey.
- 8) Karayılanoğlu T., **Kenar L.**, "To Be Prepared Against Chemical Terrorism", 5th Congress of Balkan Military Medical Committee, 25-28 Sept. 2000, Ankara-Turkey.
- 9) Yaman H., Erbil MK., Ozkan M., Ünlu A., **Kenar L.**, Kutluay T., "The Effect of Smoking on Plasma Homocysteine Levels", 5th Congress of Balkan Military Medical Committee, 25-28 Sept.2000, Ankara-Turkey.
- 10) Karayılanoğlu T., **Kenar L.**, Uzbay T., "Investigation of the Effects of Alcohol Consumption on Acetylcholinesterase (Ach-E) Activity in Rats", 5th Congress of Balkan Military Medical Committee, 25-28 September 2000, Ankara-Turkey.
- 11) Ozgurtas T., Serdar MA., **Kenar L.**, Kutluay T.; "Effect of Citrate Concentration on Prothrombin Time Analysis – Time Dependent Stability of Prothrombin Time", 5th Congress of Balkan Military Medical Committee, 25-28 Sept.2000, Ankara-Turkey.
- 12) Kurt İ., Serdar MA., Tapan S., **Kenar L.**, Kutluay T., "Does the Compulsory Military Duty Provide an Oppurtunity to Detect Inherited Metabolic Diseases?", 5th Congress of Balkan Military Medical Committee, 25-28 Sept.2000, Ankara- Turkey.
- 13) Serdar MA., Yılmaz K., Günaydın A., Tapan S., Çağlar K., Yaman H., Özgürtaş T., **Kenar L.**, Kutluay T., "Sialic Acid Content of Low Density Lipoprotein in Hemodialysis Patients", 5th

Congress of Balkan Military Medical Committee, 25-28 Sept.2000, Ankara-Turkey.

14) Karayılanoğlu T., **Kenar L.**, Tokgoz S., "Development of a National Response System against a Possible Chemical and Biological Attack", 6th Congress of Balkan Military Medical Committee, 01-03 October 2001, Plovdiv- Bulgaria.

15) Tokgoz S., Karayılanoğlu T., **Kenar L.**, Bilgi C., Ozısık T., "Are Hospitals Ready for Decontamination of Chemically Contaminated Casualties?", 6th Congress of Balkan Military Medical Committee, 01-03 October 2001, Plovdiv- Bulgaria.

16) Karayılanoğlu T., **Kenar L.**, Tokgoz S., "Reducing the Biological Threat by an Effective Biological Defense System". 6th Congress of Balkan Military Medical Committee, 01-03 October 2001, Plovdiv- Bulgaria.

17) Karayılanoğlu T., **Kenar L.**, Tokgoz S., "First Aid for a Chemical Casualty", 6th Congress of Balkan Military Medical Committee, 01-03 October 2001, Plovdiv- Bulgaria.

18) Petkov A., Demir C., **Kenar L.**, Vasilev V., "The Nursing Personnel's Work Motivation and Leadership Style Researches – an Instrument for a better Medical Service in the Military Hospitals", 6th Congress of Balkan Military Medical Committee, 01-03 October 2001, Plovdiv-Bulgaria.

19) Bakır B., Hacım AK., Gulec M., Hasde M., Karayılanoğlu T., **Kenar L.**, "Chemical Analysis of Underground Water in Military Units in Ankara", 7th Congress of Balkan Military Medical Committee, 06-10 October 2002, Athens-Greece.

20) Yaren H., Karayılanoğlu T., **Kenar L.**, "The Role of Immunoprophylaxis and Chemoprophylaxis Against Biological Warfare", 7th Congress of Balkan Military Medical Committee, 06-10 October 2002, Athens-Greece.

21) Bakır B., Hacım AK., Gulec M., Karayılanoğlu T., **Kenar L.**, Hasde M., "Decontamination: An Essential Procedure in Response Against Weapons of Mass Destruction", 7th Congress of Balkan Military Medical Committee, 06-10 October 2002, Athens-Greece.

22) Karayılanoğlu T., Kose S., **Kenar L.**, Yaren H., Ortatatlı M., "A Multidisciplinary Assay: Microbial Degradation of Aldicarb, one of Acetylcholinesterase Inhibitors", 8th Congress of Balkan Military Medical Committee, 21-24 Sept. 2003, Cluj Napoca- Romania.

23) Yaren H., Karayılanoğlu T., **Kenar L.**, Ortatatlı M., "A Novel Type of Decontamination Trailer", 8th Congress of Balkan Military Medical Committee, 21-24 Sept. 2003, Cluj Napoca-Romania.

24) Guven O., Karayılanoğlu T., **Kenar L.**, Yaren H., Ortatatlı M., Kose S., "An Analytical Approach for the Identification of Unknown Chemical Weapons by Gas Chromatography-Mass Spectrometry", 8th Congress of Balkan Military Medical Committee, 21-24 Sept. 2003, Cluj Napoca-Romania.

25) **Kenar L.**, Musabak U., Vural A., "Serum Ferritin Levels and HLA Antigens in Patients on Hemodialysis", 8th Congress of Balkan Military Medical Committee, 21-24 Sept. 2003, Cluj Napoca-Romania.

26) Cosar A., Karayılanoğlu T., **Kenar L.**, "The Role of Anaesthesiologist in the Medical Response against Chemical Weapons", 8th Congress of Balkan Military Medical Committee, 21-24 Sept. 2003, Cluj Napoca-Romania.

- 27) Musabak U., Sengul A., Inal A., Yesilova Z., Erdil A., **Kenar L.**, Olgun A., "In Vitro T Cell Activation in Familial Mediterranean Fever", 15th European Immunology Congress (EFIS 2003), Rodos, June 8-12, 2003, Immunology Letters, 87 (1-3), 2003.
- 28) Şengül A., Muşabak U., Özсарı L., Kutlu M., **Kenar L.**, İnal A., Öktenli Ç., Yeşilova Z., "Interleukin-10 and Interleukin-13 Production of Peripheral Blood Mononuclear Cells in Patients with Noninsulin-Dependent Diabetes Mellitus", 12th International Congress of Immunology and 4th Annual Conference of FOCIS, 18-23 July 2004, Montreal, Canada, Clinical and Investigative Medicine, 27(4), 2004.
- 29) Yaren H., Karayılanoglu T., **Kenar L.**, Ortatatli M., "A Chemical Exercise Involved in a Battlefield during Iraq Conflict and the Lessons Learned", 9th Congress of Balkan Military Medical Committee, 21-24 June 2004, Antalya-Turkey.
- 30) Ortatatli M., Karayılanoglu T., **Kenar L.**, Yaren H., "Providing Required Safety for our Biological Research Laboratory, Based on our Experiences", 9th Congress of Balkan Military Medical Committee, 21-24 June 2004, Antalya-Turkey.
- 31) Karayılanoglu T., Yaren H., **Kenar L.**, Ortatatli M., "The Hospital Organisation Model Proposed in Turkey against possible NBC Attack", 9th Congress of Balkan Military Medical Committee, 21-24 June 2004, Antalya- Turkey.
- 32) **Kenar L.**, Karayılanoğlu T., "Antioxidants against the effects of mustard, a chemical warfare agent. Summer Meeting SFRR-Europe 2004 "Reactive oxygen species and antioxidants", 2-5 July 2004, Lodz-Poland.
- 33) **Kenar L.**, Karayılanoglu T., Ortatatli M., Yaren H., "Turkish Medical Biological Sampling and Assessment Team", International Medical Chemical Defense Conference 2005, Bundeswehr Institute of Pharmacology and Toxicology, 27-28 April 2005, Munchen-Germany.
- 34) Karayılanoglu T., **Kenar L.**, Ortatatlı M., Yaren H., "Battlefield Deployment of GATA Medical Rescue Team, Which is Proposed as Good Model, During US-Iraq Conflict and NATO Summit", 10th Congress of Balkan Military Medical Committee, 02-06 October 2005, Varna-Bulgaria.
- 35) Yaren H., Karayılanoglu T., **Kenar L.**, Ortatatli M., "Determining the NBC knowledge of health care workers in military service and the effectiveness of the education", 10th International Medical Chemical Defense Conference, Bundeswehr Institute of Pharmacology and Toxicology, Munich, Germany, 2006.
- 36) **Kenar L.**, Boyunağa H., Serdar MA., Karayılanoğlu T., Erbil MK., "Effect of Nitrogen Mustard as Vesicant Warfare Agent On The Lymphocyte Metabolism", NBC 2006- Chemical, Biological, Nuclear and Radiological Threats, Tampere-Finland, 2006.
- 37) **Kenar L.**, Ulas U, Karayılanoglu T., Ortatatli M, Yaren H., "Levels of Cholinesterases Measured in Patients with Epileptic Seizures", 31th FEBS Congress, Istanbul, Turkey, 2006.
- 38) **Kenar L.**, Karayılanoglu T., Erbil MK, "The Use of Clinical Laboratory in the Detection of Chemical Weapons", 14th Meeting of Balkan Clinical Laboratory Federation, 27-30 September 2006, Sofia, Bulgaria.
- 39) A. Öztuna, T. Karayılanoğlu, S. Sezigen, Z.İ. Kunak, **Kenar L.**, "Medical Management of Crimean-Congo Hemorrhagic Fever Cases in Turkey between 2002 and 2007: National Approach", Biological Medical Defense Conference, 17-18 October 2007, Munchen-Germany.

- 40) S. Sezigen, T. Karayılanoğlu, A. Öztuna, Z.İ. Kunak, **Kenar L.**, H. Yaren, "Bioterrorism for Dummies, Google it", Biological Medical Defense Conference, 17-18 October 2007, Munchen-Germany.
- 41) Kunak Zİ., Karayılanoglu T., Oztuna A., Sezigen S., **Kenar L.**, "Avian Influenza and Bioterrorism". Biological Medical Defence Conference 2007 17-18 Ekim 2007, Munchen-Germany.
- 42) Sezigen S., Karayılanoğlu T., Kunak Z., Öztuna A., **Kenar L.**, "Medical Response to Envelopes Containing Bacillus Anthracis Spores", 9th International Symposium on Protection against Chemical and Biological Warfare Agents, s. 169, 22-25 May 2007, Gothenburg-Sweden.
- 43) Sezigen S., **Kenar L.**, Karayılanoğlu T., "CB Pharmaceutical Stockpile for Emergency Services: GATA Preparedness", PP-54, s. 68, The Seventh International Chemical and Biological Symposium, 13-18 April 2008, Spiez-Switzerland.
- 44) **Kenar L.**, Karayılanoğlu T., "The Role of Laboratory in Detection of Mustard Exposure", 11th Medical Chemical Defense Conference 2008, 23-24 April 2008, Munchen-Germany.
- 45) Oztuna A, Nazir H, Baysallar M, **Kenar L.**, "4-mercaptoaniline self-assembled monolayer (SAM) for Chemical Warfare Agents Detection on Quartz Crystal Microbalance (QCM) sensors", 12th Medical Chemical Defense Conference 2009, 22-23 April 2009, Munchen-Germany.
- 46) Sezigen S., **Kenar L.**, "Simulation Systems for the Training of Military Medical Personnel Against Weapons of Mass Destruction", 12th Medical Chemical Defense Conference 2009, 22-23 April 2009, Munchen-Germany.
- 47) Kunak Zİ., **Kenar L.**, Sezigen S., Oztuna A., Yaren H., Karayılanoglu T., Macit E., Cayci T., Akgul O., Aydın I., " Rapid Chemical Warfare Agent Detection in Field with Thermal Desorber" 123rd AOAC Annual Meeting and Exposition, 13-16 September 2009, Philadelphia, ABD.
- 48) Yaren H., Kunak Zİ., Turel S., **Kenar L.**: "The Efficiency of Melatonin and S-Methylisothiourea Treatments in Nitrogen Mustard Induced Lung Toxicity", CBMTS Industry VII (World Congress on CBRN Threat and Terrorism, P55, 10-15 April 2011, Dubrovnik, Croatia.
- 49) Ortatatli M., **Kenar L.**, Gumral R. Bayır A., Arziman İ, Durusu M., "Differences between Radiation Dosages to which the Radiology Department Staff and the Public were exposed" 17th World Congress on Disaster and Emergency Medicine (published in Prehospital and Disaster Medicine, Vol.26, Supp.1, 2011), Abst No: (P1-81), 31 May-3 June 2011, Beijing, China.
- 50) **Kenar L.**, Ortatatli M., Kunak Zİ, Oztuna A., Arziman İ.: " Medical CBRN Training for Military Health Staff and Its Benefits" 17th World Congress on Disaster and Emergency Medicine (published in Prehospital and Disaster Medicine, Vol.26, Supp.1, 2011), Abst No: (P1-73), 31 May-3 June 2011, Beijing, China.
- 51) Ortatatli M., Karagoz A., Percin D., **Kenar L.**, Kilic S., Durmaz R: "Antimicrobial Susceptibility and Genetic Diversity of 55 Turkish Bacillus Anthracis Strains", Poster No: C2-1980, 9-12 September 2012, San Francisco, USA.

- 52) **Kenar L.**, Ortatli M., Sezigen S., Kunak Zİ., "Hospital based decontamination system in military medical academy for chemical victim", 14th Medical Chemical Defense Conference 2013, 23-25 April 2013, Munchen-Germany.
- 53) Zeybek N., Yıldız F., **Kenar L.**, Eken A., Kurt B., Dirican B., Peker YS., Peker Y., "Thymoquinone Prevents The Liver Injury Induced By Radiotherapy and Biliary Duct Ligation", pp-67, 48th Congress of the European Society for Surgical Research, 29 May-01 June 2013, Istanbul.
- 54) Ortatli M., Berkman C., **Kenar L.**, Öktem HA., "Efficiency of a Novel Dry PCR Assay in the Molecular Detection of Bacillus Anthracis", Global Biotechnology Congress, June 3rd – 6th, 2013, John B. Hynes Memorial Convention Center, Boston, USA
- 55) Eyison K., Ortatli M., **Kenar L.**: "Are Hospitals Ready for Detection of Chemically Contaminated Casualties?", IFCC World Lab 2014, P.No: 1538, 22-26 June 2014, Istanbul.
- 56) **Kenar L.**, Eyison K., Ortatli M.: "Biomarkers for the detection of Chemical Weapon Exposures from the perspective of CBRN Department Experiences", IFCC World Lab 2014, P.No: 1548, 22-26 June 2014, Istanbul.
- 57) Sezigen S., Eyison K., Ortatli M., **Kenar L.**, "Novel Treatment Strategies for Chlorine Exposures", 15th Medical Chemical Defence Conference 2015, 22-23 April 2015, Munich, Germany.
- 58) Sezigen S., Demirkasımoğlu M., Eyison K., Ortatli M., **Kenar L.**, "Unidentified Yellow Powder Cases in Istanbul", 15th Medical Chemical Defence Conference 2015, 22-23 April 2015, Munich, Germany.
- 59) Sezigen S., İvelik K., Eyison RK., Kunak Zİ., Ortatli M., **Kenar L.**, "A Syrian Family who were Exposed to Blister Agent", P21, 16th Medical Chemical Defence Conference, 05-06 April 2017, Munich, Germany.
- 60) Sezigen S., Kılıç E., Eyison RK., **Kenar L.**, "Alternative Treatment Modality for Healing of Skin Lesions in Victims of Blister Agent", P 22, 16th Medical Chemical Defence Conference, 05-06 April 2017, Munich, Germany.
- 61) **Kenar L.**, Kilic E., Ortatli M., Sezigen S., Eyison K., "Acute Intensive Care Management of Sulfur Mustard Victims", Military Health System Research Symposium, 27-30 August 2017, Kissimmee, FL, USA.
- 62) **Kenar L.** "Analytical and Sampling Procedures in the use of Chemical Weapons", PS-058, KBUD (Association of Clinical Biochemists) Congress and Lab Expo 2017 (with international participation), 01-05 October 2017, Antalya, Turkey.
- 63) Eyison RK., Sezigen S., Ortatli M., **Kenar L.**: "Medical Preparedness of Hospitals against Chemical Threat", PP-72, International CBRN Congress, 05-07 December 2017, Ankara, Turkey.
- 64) Ortatli M., **Kenar L.**: "Use of Molecular Biology in Medical Defense against Bioterrorism and Related Experiences of a University CBRN Laboratory", PP-73, International CBRN Congress, 05-07 December 2017, Ankara, Turkey.
- 65) **Kenar L.**: "CBRN Terrorism and Threats", PP-74, International CBRN Congress, 05-07 December 2017, Ankara, Turkey.

66) **Kenar L.**, Ortatatli M., Sezigen S., Ayan A.: “Overview on CBRN Weapons and CBRN Security”, PP-75, International CBRN Congress, 05-07 December 2017, Ankara, Turkey.

67) Ayan A., Ortatatli M., **Kenar L.**: “Cleanse-Wash-Rinse: Decontamination Method of World Health Organization and Organization for the Prohibition of Chemical Weapons”, PP-76, International CBRN Congress, 05-07 December 2017, Ankara, Turkey.

68) Ortatatli M., Eyison RK., Ayan A., Sezigen S., **Kenar L.**: “Hospital CBRN Exercise”, PP-77, International CBRN Congress, 05-07 December 2017, Ankara, Turkey.

69) **Kenar L.**, Ortatatli M., Eyison RK., Sezigen S., “The Use of Gas Chromatography and Mass Spectrometry (GC-MS) in the Detection of Chemical Warfare Agents”, PP-78, International CBRN Congress, 05-07 December 2017, Ankara, Turkey.

70) Sertoglu E., Sezigen S., Ozgurtas T., **Kenar L.**, “Recent Increased Importance in the Determination of Nerve Agent Metabolites in Body Fluids in Turkey”, PP-79, International CBRN Congress, 05-07 December 2017, Ankara, Turkey.

71) **Kenar L.**, Ayan A., Ortatatli M., Kilinc M., Ozsoy S., Ozgurtas T., Safali M.: “A Pathological View on Khan Sheikhoun Idlib Nerve Agent Attack”, PP-80, International CBRN Congress, 05-07 December 2017, Ankara, Turkey.

72) Sezigen S., Eyison RK, Ortatatli M., **Kenar L.**, Nevruz O.: “Could Fresh Frozen Plasma be an Alternative Novel Bioscavenger for Organophosphorus Pesticide Poisonings?”, PP-81, International CBRN Congress, 05-07 December 2017, Ankara, Turkey.

### **Oral Presentations in National Meetings**

1) **Kenar, L.**: “Kimyasal Savaşta İlk Yardım – First-aid in Chemical Warfare”, NBC AR-GE 99 Semineri (NBC R&D Seminar), p. 111-113, 1999, Ankara.

2) Karayıllanoğlu, T., **Kenar, L.**: “Kimyasal ve Biyolojik Terörizm – Chemical and Biological Terrorism”, NBC Savunma Sempozyumu-III (NBC Defense Symposium), p. 85-86, 11-12 May 2000, Küçüköyü-İstanbul.

3) Karayıllanoğlu, T., **Kenar, L.**, Kose, S., "Biyolojik Silahların Saptanmasında Kullanılan Yöntemler – Methods Used in the Identification of Biological Weapons", NBC ARGE 2001 Semineri (NBC R&D Seminar 2001), 01 June 2001, Ankara.

4) **Kenar L.**: “Kimyasal Silahların İdentifikasyonunda HPLC'nin Yeri – Role of HPLC in the Identification of Chemical Weapons”, HPLC ve Diğer Separasyon Teknikleri Ulusal Sempozyumu (HPLC and Other Separation Techniques Symposium), 25-27 May 2003, GATA-Ankara, .

5) **Kenar L.**: “Kimyasal Tehditte Tıbbi Savunma ve Tıbbi Hazırlıklar – Medical Defense and Medical Preparedness in Chemical Threats”, Ulusal Tıbbi NBC Savunması Sempozyumu (National Medical NBC Defense Symposium), p. 110-116, 15-16 May 2003, GATA-Ankara.

6) **Kenar L.**: “Kimyasal Silahlar ve Etkileri – Chemical Weapons and Their Effects”, Hemşire ve Paramedikler için Acil Tıp ve NBC Ulusal Sempozyumu (Emergency Medicine and NBC National Symposium for Nurses and Paramedics, 30 May-01 June 2003, GATA-Ankara.

7) **Kenar L.**, Karayıllanoğlu T., “NBC Savunmasında Ulusal Referans Analiz Laboratuvarının Önemi ve Kullanımı – Importance of National Reference Analytical Laboratory and its Use in

NBC Defense”, 1nci Ulusal Afet Tıbbı Kongresi (1st National Disaster Medicine Congress), p. 129-130, 2004, Antalya.

8) **Kenar L.**, T. Karayılıanoğlu, “Kimyasal ve Biyolojik Atak Sonrası Tıbbi Yanıt Tatbikatları ve Alınan Dersler – Medical Response Exercises of Chemical and Biological Attacks and Lessons Learned”, 1nci Ulusal Afet Tıbbı Kongresi (1st National Disaster Medicine Congress) p. 130-131, 2004, Antalya.

9) Açıkel C., Karayılıanoğlu T., Yaren H., Kılıç S., Ortatatlı M., **Kenar L.**, “Sağlık Personelinin NBC konusunda Bilgi Durumları ve Eğitimle Değişimi – Health Staff’s Knowledge Status on NBC and Variation with Training”, 9ncü Ulusal Halk Sağlığı Günleri (9th National Public Health Days), p. 198, Abst. No: SB 4, 2005, Ankara.

10) **Kenar L.**, “Kimyasal Savunmanın Tıbbi Boyutu ve yapılan çalışmalar”, NBC Sempozyumu, s.21, Oturum-III, 12-13 Mayıs 2005, Çorlu Asker Hastanesi

11) **Kenar L.**, Ortatatlı M., Yaren H., “Kimyasal Savaşta Biyokimya Laboratuvarının Yeri ve Önemi – The Role and Importance of Biochemistry Laboratory in Chemical Warfare”, Klinik Biyokimya Uzmanları Derneği 3 ncü Kongresi (3rd Congress of Association of Clinical Biochemistry Experts), p. 9, Abst. No: S 2105, 2005, Antalya.

12) Boyunaga H., Keles H., Caglayan O., Ural AU., **Kenar L.**, Avcu F., “Effects Of Thalidomide And Recombinant Human GM-CSF On Carbohydrate Metabolism In Promyelocytic Leukemia HL-60 Cell Line.” XXXth World Congress of the International Society of Hematology Turkish Journal of Haematology, (Supplement vol.22), p.94, Abst. No: 175, 2005, Istanbul.

13) Boyunaga H., Keles H., Ural AU., Avcu F., **Kenar L.**, “Anaerobic Glycolysis is The Main Pathway For Energy Generation In Promyelocytic Leukemia HL-60 Cells.” XXXth World Congress of the International Society of Hematology Turkish Journal of Haematology, (Supplement vol.22), p.120, Abst. No: 236, 2005, Istanbul.

14) Karayılıanoğlu T., **Kenar L.**, Yaren, H., “Asker Hastanelerinde NBC Yapılanması ve İlgili Problemler – NBC Organisation in Military Hospitals and Related Problems ”, 15 nci TSK Askeri Tıp Kongresi (15th Turkish Armed Forces Military Medicine Congress), 31 May-02 June 2006, GATA-Ankara.

15) **Kenar L.**, “Biyoterör Olaylarına Görsel Tıbbi Yaklaşım – Visual Medical Approach to Bioterror Events”, 3ncü Ulusal NBC Sempozyumu (Uluslararası Katılımlı) (2nd National NBC Symposium (with International Participation), p. 83, 2007, GATA-Ankara.

16) **Kenar L.**, Karayılıanoğlu T., Erbil MK., “Kimyasal Terörizmde Klinik Laboratuvarın Yeri – The Role of Clinical Laboratory in Chemical Terrorism”, 3ncü Ulusal HPLC ve Mass Spektrometri Çalıştayı ve Sempozyumu (3rd National HPLC and Mass Spectrometry Symposium), p.31, 20-23 May 2008, GATA-Ankara.

17) Ortatatlı M., Öztuna A., **Kenar L.**: “Kimyasal ve Biyolojik Silahlara Genel Bakış – An Overview on Chemical and Biological Weapons”, Klinik Biyokimya Uzmanları Derneği 6ncı Ulusal Kongresi (6th Congress of Association of Clinical Biochemistry Experts), p. 25-28, 22-25 Eylül 2010, Çeşme-İzmir.

18) Ortatatlı M., Gümral R., Özbek A., **Kenar L.**, “HBV hastalarında serum-doku viral yükü, serolojisi, karaciğer hasarı ilişkisi – Relationship between Serum-Tissue Viral Load, Serology and Liver damage in HBV Patients”, SS014, EKMUD 2013 Bilimsel Platformu (Scientific Platform of Turkish Association of Infectious Diseases and Clinical Microbiology Experts 2013), 20-24 March 2013, Antalya.

19) Ortatatlı M., Berkman C., **Kenar L.**, Öktem HA., "Değişik ortamlarda üretilen Bacillus anthracis'in vejetatif ve spor formlarından yapılan DNA ekstraksiyonlarının etkinliğinin karşılaştırılması – Comparison of DNA Extractions Efficiencies of Vegetative and Spore Forms of Bacillus anthracis Obtained in Various Media", SS-08, KLİMİK 2013 (Congress of Turkish Clinical Microbiology and Infectious Diseases Association 2013), 13-17 March 2013, Antalya.

20) **Kenar L.** "KBRN Silahlarının Canlılar ve Metabolizmaları Üzerine Etkileri – Effects of CBRN Weapons on Living Organisms and their Metabolisms", Ulusal Kimya Kongresi (National Congress of Chemistry, 23-28 August 2015, Çanakkale.

21) **Kenar L.** "Kimyasal ve biyolojik silah yaralanmalarının değerlendirilmesinde klinik laboratuvarın yaklaşımı – Clinical Laboratory Approach for the Assessment of Chemical and Biological Weapons Injuries", 27. Ulusal Biyokimya Kongresi (27th National Biochemistry Congress), 3-6 November 2015, Antalya.

22) **Kenar L.** "Kimyasal Silahlara Genel Bakış (An Overview on Chemical Weapons)", Sempozyum Toksikoloji ve Laboratuvar, 03 April 2019, Turkish Biochemistry Association, Ankara.

23) **Kenar L.** "KBRN Olaylarına Tıbbi Bakış (Medical View on CBRN Events)", Afetlerde Sağlık Hizmetleri Sempozyumu (Health Services during Disasters Symposium), 3-4 May 2019, Gaziantep.

24) **Kenar L.** "Biyolojik Tehditler (Biological Threats)", Laboratuvar Biyogüvenlik ve Biyoemniyet Çalıştayı (Workshop on Laboratory Biosafety and Biosecurity), Sağlık Bilimleri Üniversitesi, Ankara, 23-24 May 2019,

25) **Kenar L.** "Tüketilmiş (Depleted) Uranyum Silahları", Nükleer Adli Bilimler Sempozyumu (Nuclear Forensic Sciences Symposium, , Ankara Hacı Bayram Veli Üniversitesi, Ankara, 30 Sept 2019.

26) **Kenar L.** "Chemical and Biological Weapons (Kimyasal ve Biyolojik Silahlar)", Forensic Chemistry and Forensic Biochemistry Symposium, 25 November 2019, Yozgat Bozok University, Turkey.

### **Poster Presentations in National Meetings**

1) Boyunaga H., Ural AU., Avcu F., **Kenar L.**, Kutluay T. Yalcın A.: "HL-60 Hücre Hattında ARA-C ve Simvastatin'in Tek ve Kombine Kullanımlarının Enerji Metabolizmasına Etkileri – The Effects of Single and Combined Use of ARA-C and Simvastatine on HL-60 Cell Line Energy Metabolism", Türk Hematoloji Derneği 29ncu Ulusal Kongresi (29th National Hematology Congress), 25-28 October 2002, Kemer-Antalya.

2) Boyunağa H., Ural AU., Avcu F., **Kenar L.**, Kısa Ü., Kutluay T., Yalçın A., "Multipl Myeloma Hücre Hattında Karbonhidrat Metabolizmasında İzlenen Pastör ve Crabtree Etkileri – Pasteur and Crabtree Effects on Carbohydrate Metabolism of Multiple Myeloma Cell Line", 17. Ulusal Biyokimya Kongresi (17th National Biochemistry Congress). Abst. No: P-257, 2002, Ankara.

3) Guven O., **Kenar L.**, Karayılıanoğlu T., "Kimyasal Silahların Saptanmasına Yönelik Yeterlilik Test Çalışmaları – Proficiency Test Studies on the Detection of Chemical Weapons", 2. Ulusal HPLC ve Diğer Separasyon Teknikleri Sempozyumu (2nd National HPLC and Other Separation Techniques Congress), p.122-123, 2004, Ankara.



- 4) Yaren H., Karayılanoğlu T., **Kenar L.**, Ortatatlı M., "A Chemical Exercise in a Military Hospital and the Lessons Learned", 2nd National NBC Symposium (with International Participation) p. 91, 2005, Ankara.
- 5) **Kenar L.**, Karayılanoğlu T., Ortatatlı M., Yaren H., "The Use of Molecular Biology in Diagnosis of Exposure to Chemical Weapons", 1nci Ulusal Moleküler Tıp Kongresi (1st National Molecular Medicine Congress), Advances in Molecular Medicine, 1 (Suppl): s.394, Abst. No: P025, 2005, İstanbul.
- 6) Ortatatlı M., Karayılanoğlu T., **Kenar L.**, Yaren H., "Assessment of Real-Time PCR and Standard PCR Methods for the Field Detection of Bacillus Anthracis from Various Samples", 1nci Ulusal Moleküler Tıp Kongresi (1st National Molecular Medicine Congress), Advances in Molecular Medicine, 1 (Suppl): s.426-427, Abst. No: P091, 2005, İstanbul.
- 7) **Kenar L.**, "Nükleer Kaza veya Terörist Atakta Organizasyon, İşbirliği ve Stratejisi – Organisation, Coordination and Strategy in Nuclear Accidents or Terrorist Attacks". "Nükleer Kaza veya Terörist Atakta Hematopoietik Kök Hücre Transplantasyon Stratejisi" Semineri (Seminar on the Strategy of Hematopoietic Stem Cell Transplantation in Nuclear Accidents or Terrorist Attacks), 24 November 2005, Ankara.
- 8) **Kenar L.**, Boyunağa H., Serdar MA., Karayılanoğlu T., Erbil MK., "Bir Kimyasal Savaş Ajanı olarak Mustardın Hücre Enerji Metabolizması Üzerine Etkisi – Effect of Mustard as a Chemical Warfare Agent on Cell Energy Metabolism", VI. Ulusal Klinik Biyokimya Kongresi (6th National Clinical Biochemistry Congress), p. 99, Abstr. No: P25, 2006, Antalya.
- 9) Ortatatlı M., **Kenar L.**, İnal A., Görenek L., Karayılanoğlu T., Erbil MK., "Sepsis Tanı ve Tedavisinin Takibinde Prokalsitonin Ölçümünün Yeri – The Role of Procalcitonine Measurement in Diagnosis and Follow-up of Treatment of Sepsis", VII. Ulusal Klinik Biyokimya Kongresi (7th National Biochemistry Congress), p. 128, Abstr. No: P111, 2007, Antalya.
- 10) Avcı Ö, Türkmen YH., Serdar MA., Hasimi A., Cihan M., **Kenar L.**, Kurt İ., Akman Ş., Kutluay T., Erbil MK., "Doğal ve Deneysel Oluşturulan Lipeminin Biyokimyasal Testlere Etkisi ve Lipemik Etkinin Uzaklaştırılmasında Kullanılan Yöntemlerin Karşılaştırılması – Effect of Natural and Experimental Lipemia on Biochemical Tests and Comparison of Methods Used for Removing Lipemic Effect", VII. Ulusal Klinik Biyokimya Kongresi (7th National Biochemistry Congress), p. 132, Abstr. No: P119, 2007, Antalya.
- 11) Koçu L., Serdar MA., **Kenar L.**, Hasimi A., Türkmen YH., Kurt İ., Erbil MK., "Kan Alımı Esnasında Uygulanan Turnike Süreleri ve Bunun Biyokimyasal Testler Üzerine Olan Etkileri – Tourniquet Times During Phlebotomy and Their Effects on Biochemical Tests", VII. Ulusal Klinik Biyokimya Kongresi (7th National Biochemistry Congress), p. 134, Abstr. No: P126, 2007, Antalya.
- 12) Ortatatlı M., Hayat L., **Kenar L.**, Dizer U., "Antineoplastik Tedavi Sonrasında Görülen Kronik HBV İnfeksiyonu Reaktivasyonu Olgusu – A Chronic HBV Reactivation Case Emerged Following Antineoplastic Treatment", 3ncü Ulusal Viroloji Kongresi (3rd National Virology Congress), Abstr. No: P45, 9-13 December 2007, Bursa,
- 13) Serdar MA., Bakır F., Haşimi A., Çelik T., Akın O., **Kenar L.**, Aykut O., Yıldırımkaya M., "Tip II Diabetes Mellitus, Bozulmuş Glukoz Toleranslı Hastalarda Eser Element Düzeyleri – Trace Elements Levels in Patients with Impaired Glucose Disorder and Type 2 Diabetes Mellitus", 20. Ulusal Biyokimya Kongresi (20th National Biochemistry Congress), Abstr No: P-082, Turk J Biochem, 2008; 33 (S), Nevşehir.

14) **Kenar L.**, Alp O.: "İdrarda Nitrojen Mustard Hidroliz Ürünlerinin GC-MS analizinde kullanılan organik çözücülerin değerlendirilmesi – Evaluation of Organic Solvents Used in GC-MS Analysis of Nitrogen Mustard Hydrolysis Products in Urine", 21. Ulusal Biyokimya Kongresi (21st National Biochemistry Congress, Abstr No: TB-017, Turk J Biochem, 2009, 28-31 October 2009, İstanbul.

15) Ortatatlı M., Gümral R., Üçkardeş H., **Kenar L.**: "Değişik Bölgelerden Gelen Erişkin HBsAg Pozitif Hastalarda Anti-HAV Seropozitifliği – Anti-HAV Seropositivity in Adult Patients with HBsAg Positive from Various Regions". No: p09-06, 15nci Türk Klinik Mikrobiyoloji ve Enfeksiyon Hastalıkları Kongresi (KLİMİK 2011) (15th Congress of Turkish Clinical Microbiology and Infectious Diseases Association), 23-27 Mart 2011, Antalya.

16) Ortatatlı M., **Kenar L.**, Kunak Zİ.: "Biyolojik Savaş Ajanı İnaktivasyonunda Bir Kuarternary Amonyum Bileşiğinin Etkinliğinin Değerlendirilmesi – Evaluation of a Quarternary Ammonium Compound for Inactivation of Biological Warfare Agent". No: P-067, Hastane Enfeksiyonları Kongresi (Congress of Hospital Infections), 12-15 April 2012, Antalya.

17) **Kenar L.**: "Biyokimyasal Terör Olaylarına karşı Laboratuvarların Hazırlığı- Laboratory Preparedness Against Biochemical Terror Attacks", 24ncü Ulusal Biyokimya Kongresi (24th National Biochemistry Congress), Poster No: P031, Turk J Biochem, 37, Special Issue 1, 2012, 25-28 September 2012, Konya.

18) Taşkın G., Sezigen S., Yamanel L., **Kenar L.**: "Preparedness of Hospital Intensive Care Units for Chemical Casualties", Ulusal Yoğun Bakım Kongresi (National Intensive Care Congress), 12-15 November 2014, Antalya.

19) Sezigen S., Kunak Zİ., Eyison K., Ortatatlı M., **Kenar L.**: "Olgu sunumu: Mustarda maruz kalmış yenidoğan: Klinik ve laboratuvar incelemesi – Case Report: A Newborn Exposed to Mustard, and Clinical and Laboratory Investigation", 27. Ulusal Biyokimya Kongresi (27th National Biochemistry Congress, 3-6 November 2015, Antalya.

#### **National Activities as Invited Lecturer:**

1) NBC R&D Seminar, 1999, Ankara.

2) NBC R&D Seminar, 2001, Ankara.

3) Turkish Ministry of Health "Course on Response against Chemical Weapons", 08-12 Oct 2001, Ankara.

4) Panel on Biological and Chemical Terrorism, 23 Nov 2001, Ankara.

5) First-aid Training in NBC Environment, 04-07 Dec 2001, Diyarbakır.

6) Panel on Biological and Chemical Terrorism, 31 Jan 2002, Ankara.

7) Turkish Ministry of Health "Course on Response against Chemical Weapons, 14-18 Oct 2002, Ankara.

8) Medical NBC Course, 11-15 Nov 2002, 09-13 Dec 2002, 20-24 Jan 2003, Gulhane Medical School, Ankara.

9) The Role of Anesthesiologist in the Attacks of Nuclear, Biological and Chemical Weapons (Panel) 31 Jan 2003, Gulhane Medical School, Ankara.

- 10) Harran University [Seminar (Nuclear-Biological-Chemical Weapons and Protection Methods)] 07 Mar 2003, Şanlıurfa.
- 11) (Turkish Ministry of Health “Course on Response against Chemical Weapons”), 31 Mar-04 Apr 2003, Ankara.
- 12) National Medical NBC Defense Symposium (Organizing Committee Member), 2003, Gulhane Medical School, Ankara.
- 13) National HPLC and Other Separation Techniques Symposium (Organizing Committee Member), 2003, Gulhane Medical School, Ankara.
- 14) Medical NBC Course, 18-22 Oct 2004, 22-26 Nov 2004, 13-17 Dec 2004, Gulhane Medical School, Ankara.
- 15) 2nd National Medical NBC Defense Symposium with International Participation (Organizing Committee Member), 2005, Gulhane Medical School, Ankara.
- 16) NBC Symposium (Organizing Committee Member), 2005, Çorlu Military Hospital.
- 17) Medical NBC Course, 21-25 Nov 2005, 30 Ekim-03 Nov 2006 Gulhane Medical School, Ankara.
- 18) Workshop on Battlefield Medical Response, (27 Feb-11 Mar 2006) (04-09 Dec 2006) (Van-Şırnak-Diyarbakır-Hakkâri Military Hospitals).
- 19) Panel on Hematopoietic Stem Cell Transplantation Strategy in Nuclear Accidents and terrorist attacks, 24 Nov 2006, Gulhane Medical School, Ankara.
- 20) 3rd National Medical NBC Defense Symposium with International Participation (Organizing Committee Member), 2007, Gulhane Medical School, Ankara
- 21) Course on Experimental Animals in Scientific Researches, (03-11 Nov 2008) and (12-23 Oct 2009), Gulhane Medical School, Ankara.
- 22) "Meeting on Sampling and Analytical Methods of CBRN and toxic industrial agents), 04-05 Mar 2009, İstanbul.
- 23) Training of Trainers on Hospital Disaster Planning of Turkish Ministry of Health, 24-27 Mar 2009, Yalova.
- 24) National Military Medicine Congress, 30 Apr 2009-02 May 2009, İstanbul.
- 25) Medical CBRN Course, 19-23 Oct 2009, 08-12 Oct 2012, 13-15 Nov 2012, Gulhane Medical School Ankara.
- 26) "CBRN Threat, Hospital Preparedness and Civil-Military Coordination” Panel, Hacettepe University, Ankara, 26 Feb 2013
- 27) Medical CBRN Course, (27 Feb-01 Mar 2013/ 05-07 Mar 2013/ 07-09 May 2013/ 08-12 Apr 2013), Gulhane Medical School Ankara. GATA-Ankara
- 28) Çukurova Neurology Days and Practical Approach to Neurological Patients, 13-15 Sept 2013, Gaziantep.

- 29) 2nd National Congress of Disaster and Disaster Training (20-23 Nov 2014), Antalya.
- 30) Medical CBRN Course, (25-27 Feb 2014, 03-07 Mar 2014, 09-13 Mar 2015, 13-17 Apr 2015, 04-08 May 2015), Gulhane Medical School Ankara.
- 31) 27th National Congress of Chemistry (23-28 Aug 2015) Canakkale.
- 32) 27th National Congress of Biochemistry (03-06 Nov 2015) Antalya.
- 33) Course on War Surgery and Trauma (25-27 Nov 2015) Ankara.
- 34) CBRN Awareness Training (21-24 March 2016), Antalya.
- 35) 18th National Congress of Intensive Care (06-10 April 2016), Antalya
- 36) Medical CBRN Course, (05-09 Dec 2016), University of Health Sciences, Ankara
- 37) National CBRN Training Workshop (21-22 Feb 2017), University of Health Sciences, Ankara
- 38) CBRN Training and Education Workshop National Council of Higher Education (26 April 2017, Ankara)
- 39) Training on Awareness for Chemical Weapon Exposure (Based on recent chemical weapon attacks) (18 May 2017, Gaziantep)
- 40) NATO International CBRN Training Curriculum For Trainers of First Responders to CBRN Incidents (Training Instructor), 16-20 October 2017, Disaster and Emergency Training Center, Ankara, Turkey.
- 41) Invited Lecturer for CBRN Lectures, Biruni University, First-aid and Disaster Curriculum, October-December 2017.
- 42) Invited Lecturer and Moderator, Training on Medical CBRN Awareness, by Ministry of Health, 08 December 2017, Ankara, Turkey.
- 43) CBRN Awareness Training (10-12 December 2019), Antalya.