

### INVITED PRESENTATIONS

1. "*Radiation Chemistry of Peptides*". U.S. Department of Agriculture Eastern Regional Center, Philadelphia, PA, March 1980.
2. "*Ion-Exchange HPLC of Peptides*". University of Maryland, Baltimore, October 1981.
3. "*Separation of Peptides by Weak-Anion Exchange HPLC*". University of Delaware, Newark, DE, November 1981.
4. "*Radiation-Induced Products of Peptides and Proteins*". Massachusetts Institute of Technology, Cambridge, MA, October 1982.
5. "*Weak-Anion Exchange HPLC of Peptides*". The Washington Chromatography Discussion Group, Rockville, MD, September 1982.
6. "*Enzymatic Digestibility of Peptides Crosslinked by Ionization Radiation*". Middle East Technical University, Ankara, Turkey, June 1983.
7. "*The Application of GC-MS to Identification of Radiation-Induced DNA Base Damage and DNA Base-Amino Acid Crosslinks*". Hewlett-Packard Company, Baltimore, MD, September 1983.
8. "*The Use of GC-MS for Characterization of Radiation-Induced DNA Base Damage*". Armed Forces Radiobiology Research Institute, Bethesda, MD, April 1985.
9. "*Mechanisms of Free Radical Crosslinking in Biological Model Systems*". The 33rd Annual Meeting of the Radiation Research Society, Los Angeles, CA, May 1985.
10. "*Chemical Analysis of Irradiated Foods*". The Annual Meeting of the American Nuclear Society, Boston, MA, June 1985.
11. "*Mechanisms of Biological Crosslinks in Model Systems*". National Research Council, Ottawa, Canada, September 1985.

12. "*Characterization of Radiation-Induced Damage in DNA*". National Research Council, Ottawa, Canada, September 1985.
13. "*Oxidative Base Damage to DNA*". University of Medicine, New Jersey Medical School, Newark, NJ, October 1985.
14. "*Characterization of Oxidative Base Damage to DNA*". Gerontology Research Center, National Institute of Aging, Baltimore, MD, March 1986.
15. "*The use of Gas Chromatography-Mass Spectrometry for Characterization of DNA Base Damage at Low Radiation Doses*". The 34th Annual Meeting of the Radiation Research Society, Las Vegas, NV, April 1986.
16. "*Radiation-Induced Damage to DNA and Its Detection at Low Radiation Doses*". Health and Safety Research Division, Oak Ridge National Laboratory, Oak Ridge, TN, April 1986.
17. "*Detection of Free Radical-Induced Damage to DNA at Biologically Relevant Levels*". Johns Hopkins University, School of Hygiene and Public Health, Baltimore, MD, May 1986.
18. "*Chemical Characterization of Radiation-Induced Damage to DNA*". Lawrence Berkeley Laboratory, Berkeley, CA July 1986.
19. "*Radiation-Induced Formation of Cyclo-Purine Nucleosides in DNA*". Lawrence Berkeley Laboratory, Berkeley, CA, July 1986
20. "*Chemical Characterization of Radiation-Induced Damage to DNA*". Gray Laboratory, Mount Vernon Hospital, London, U.K., July 1986.
21. "*Radiation Damage to DNA and Its Detection of Low Radiation Doses Using Gas Chromatography-Mass Spectrometry*". University of Rochester Medical Center, Rochester, N.Y., October 24, 1986.
22. "*Free Radical-Induced Damage to DNA*". University of Pennsylvania School of Medicine, Philadelphia, PA, December 17, 1986.

23. "*Characterization of Free Radical-Induced Products in DNA*". University of Pennsylvania School of Medicine, Philadelphia, PA, December 18, 1986.

24. "*Chemical Characterization of Free Radical-Induced Damage to DNA*". Harvard Medical School, Dana Farber Cancer Institute, Boston, MA, June 25, 1987.

25. "*Mechanisms of Free Radical-Induced DNA-Protein Crosslinking in Nucleohistone in vitro*". Gray Laboratory, Mount Vernon Hospital, London, U.K., July 29, 1987.

26. "*Measurement and Significance of Free Radical Damage to DNA*". The Winter Meeting of The Society for Free Radical Research, London, U.K. December 14, 1987.

27. "*Chemical Characterization of Oxidative Damage to DNA*". Bowman Gray School of Medicine, Winston-Salem, NC. May 3, 1988.

28. "*Oxidative Damage to DNA and Its Measurement*". American University, Department of Chemistry, Washington, DC. September 29, 1988.

29. "*Measurement of DNA Base Damage and DNA-Protein Crosslinks*". Symposium on Ionizing Radiation Damage to DNA: Molecular Aspects. Lake Tahoe, CA, January 19, 1990.

30. "*Measurement of free radical-induced DNA lesions in mammalian chromatin*". Workshop on Non-invasive Measures of Oxidative Stress, National Cancer Institute, Bethesda, MD, February 20, 1990.

31. "*Chemistry of Free Radical Action on Mammalian Chromatin*". Hillebrand Address, National Naval Medical Center, Bethesda, MD. March 8, 1990.

32. "*Oxidative DNA damage in mammalian chromatin and its measurement*". Workshop on Role of Nutrition in Cancer Development. National Cancer Institute, Bethesda, MD, March 20, 1990.

33. "*Chemistry of free radical-induced damage to mammalian chromatin in vitro and in vivo*". Max-Planck-Institute for Radiation Chemistry, Mülheim a.d. Ruhr, W. Germany, June 25, 1990.

34. "*DNA damage in mammalian cells caused by free radicals*". Institut Gustave-Roussy, Villejuif, Paris, France, June 28, 1990.
35. "*DNA damage by oxygen-derived free radicals*". Invited talk at the National Meeting of the American Chemical Society, Washington, DC, August 28, 1990.
36. "*Radiation chemistry of DNA*". Georgetown University Medical Center, Washington, DC, September 13, 1990.
37. "*Free radical-induced DNA damage in mammalian chromatin in vitro and in vivo*". City of Hope National Medical Center, Duarte, CA, November 19, 1990.
38. "*Mechanisms of free radical action on mammalian chromatin*". National Cancer Institute, Frederick, MD, January 24, 1991.
39. "*Mechanisms of free radical-induced DNA-protein cross-linking in mammalian chromatin*". National Institutes of Health, Bethesda, MD, March 1, 1991.
40. "*Measurement of DNA damage by gas chromatography-mass spectrometry*". 9th International Congress of Radiation Research, Toronto, Canada, July 10, 1991.
41. "*Is there a relevance of in vitro DNA damage to in vivo DNA damage?*". 9th International Congress of Radiation Research, Toronto, Canada, July 11, 1991.
42. "*Mechanisms of oxidative DNA damage in chromatin in vitro and in vivo*". University of Düsseldorf, Department of Physiological Chemistry, Germany, July 15, 1991.
43. "*DNA damage in chromatin*". Max-Planck-Institute for Radiation Chemistry, Mülheim a.d. Ruhr, Germany, July 17, 1991.
44. "*Free radical-induced DNA damage in chromatin in vitro and in vivo*". Oxygen Club of the Greater Washington Area, National Naval Medical Center, Bethesda, MD, October 8, 1991.
45. "*Measurement of Oxidative DNA damage in mammalian chromatin by GC/MS*". Hewlett-Packard Users' Meeting, Washington, DC, May 31, 1992.

46. "*DNA Base Damage and DNA-Protein Cross-links in Chromatin of  $\gamma$ -Irradiated of  $H_2O_2$ -Treated Cultured Human Cells*". VI Biennial Meeting of the International Society of Free Radical Research, Turin, Italy, June 20, 1992.
47. "*Free Radical-Induced DNA Damage in Mammalian Cells*". Department of Clinical Biochemistry, Medical School, Bydgoszcz, Poland, June 22, 1992.
48. "*Chemical Determination of Free Radical-Induced Damage to DNA*". Institute of Human Genetics of the Polish Academy of Sciences, Poznan, Poland, June 24, 1992.
49. "*DNA Damage by Free Radicals*". Faculty of Pharmacy, University of Ankara, Ankara, Turkey, July 24, 1992.
50. "*Radiation Chemistry*". Georgetown University Medical Center, Department of Radiation Medicine, Washington, DC, September 17, 1992.
51. "*Oxidative DNA Damage in Mammalian Chromatin*". Chromatography Discussion Group, Hewlett-Packard Company, Rockville, MD, November 19, 1992.
52. "*Metal Ion-Mediated Oxidative DNA Damage in Mammalian Chromatin in vitro and in vivo*". Second International Meeting on Molecular Mechanisms of Metal Toxicity and Carcinogenicity. Madonna di Campiglio, Italy, January 10, 1993.
53. "*DNA Damage by Oxygen-Derived Species*". 27th Middle Atlantic Regional Meeting of the American Chemical Society, Hofstra University, Long Island, NY, June 3, 1993.
54. "*Oxidative DNA Damage and Its Measurement by Gas Chromatography-Mass Spectrometry*". European Research Conference on Mechanisms of DNA Repair, Oxidative Damage, Oslo, Norway, June 24, 1993.
55. "*DNA Damage*". Science Award Ceremony, Scientific and Technological Research Council of Turkey, Ankara, Turkey, September 6, 1993.
56. "*Radiation Chemistry of DNA*". Georgetown University Medical Center, Department of Radiation Medicine, Washington, DC, September 24, 1993.

57. "*Oxidative and Radiation Damage to DNA*". The Ancient DNA Conference. Smithsonian Institution, Washington, DC, October 7, 1993.

58. "*DNA Damage and Repair*". Bilkent University, Ankara, Turkey, November 4, 1993.

59. "*Oxidative and Free Radical-induced DNA Damage*". Meeting on Oxidative Stress and Cellular Damage, Turkish Medical Association, University of Ankara, Medical School, Ankara, Turkey, November 5, 1993.

60. "*Determination of DNA Damage and Repair*". 42nd Annual Meeting of Radiation Research Society, Nashville, TN, May 3, 1994.

61. "*Radiation-induced DNA Lesions in Mammalian Cells*". Department of Energy Contractors' Meeting, New Orleans, LO, June 8, 1994.

62. "*DNA Damage in Mammalian Cells*". Gordon Research Conference on Radiation Chemistry, Salva Regina, RI, July 18, 1994.

63. "*Chemistry of Free Radical Damage to DNA and Nucleoprotein*". First International Meeting on Pharmacy & Pharmaceutical Sciences, Istanbul, Turkey, September 5, 1994.

64. "*DNA Damage by Free Radicals*". 4th International Marmara Medical Days, Marmara University Medical School, Istanbul, Turkey, September 7, 1994.

65. "*Chemistry of Oxidative DNA Damage*". The Texas University Medical Branch, Sealy Center for Molecular Science, Galveston, TX, January 24, 1995.

66. "*Free Radical-Induced Lesions in DNA and Their Excision by DNA Repair Enzymes*". National Institute of Aging, Gerontology Research Center, Baltimore, MD, April 5, 1995.

67. "*Free Radical-Induced Lesions in DNA, and Their Biological Consequences and Excision by DNA Repair Enzymes*". 4th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, June 30, 1995.

68. "*Oxidative DNA Damage and Its Enzymatic Repair*". International Congress on Free Radicals in Health and Disease, Istanbul, Turkey, September 7, 1995.

69. "*Oxidative DNA Damage and Repair*". National Cancer Institute, Frederick, MD, October 19, 1995.

70. "*Repair of Products of Oxidative DNA Base Damage in Human Cells*." International Meeting on Oxidative Stress and Redox Regulation. Pasteur Institut, May 21-24, 1996, Paris, France, May 21, 1996.

71. "*Repair of Purine Lesions in DNA by Fpg Protein*." Institut Gustave-Roussy, Villejuif Cedex, France, May 28, 1996.

72. "*Oxidative DNA Damage: Accumulation and Repair*." FASEB Summer Conference "Clonal Senescence and Differentiation." Snowmass Village, Colorado, August 18, 1996.

73. "*Oxidative DNA Damage and Repair*". American Health Foundation, White Plains, NW, February 28, 1997.

74. "*Oxidative DNA Damage and Its Toxicological Consequences*". Second National Congress of Toxicology, Antalya, Turkey, April 3, 1997.

75. "*Oxidative DNA Damage; Its Repair and Biological Consequences*". University of Pennsylvania, Medical School, Department of Radiation Oncology, Philadelphia, PA, May 1, 1997.

76. "*Oxidative DNA Damage and Repair*". University of Maryland at Baltimore, Medical School, Cancer Center, Baltimore, MD, May 23, 1997.

77. "*Levels of DNA Damage from Radiation Compared to Endogenous Levels Resulting from Oxidative Processes*". National Academy of Sciences, Commission on Life Sciences/Board on Radiation Effects Research, Washington, DC, July 21, 1997.

78. "*Mechanisms of Oxidative DNA Damage and Repair: Lesions and Their Measurement*". NATO Advanced Study Institute of DNA Damage and Repair;

Oxygen Radical Effects, Cellular Protection and Biological Consequences, Tekirova-Antalya, Turkey, October 14, 1997.

79. "*Measurement of Oxidized DNA Bases Using Gas Chromatography-Mass Spectrometry*". 4th Annual Meeting of The Oxygen Society, San Fransisco, CA, November 20, 1997.

80. "*Facts About the Artifacts in the Measurement of Oxidative DNA Base Damage by GC/MS*". Copenhagen Free Radical Meeting, Copenhagen, Denmark, May 29, 1998.

81. "*Oxidative DNA Damage and Repair*". Medical School, University of South Alabama, Mobile, AL, July 16, 1998.

82. "*Substrate Specificities of DNA Glycosylases*". IX Biennial Meeting International Society for Free Radical Research. Sao Paulo, Brazil, September 8, 1998.

83. "*Substrate Specificities of DNA Glycosylases for Products of Oxidative DNA Base Damage*". National Institute on Aging, NIH, Baltimore, MD, October, 14, 1998.

84. "*Oxidative DNA Damage*". Special Meeting of the American Association for Cancer Research on Endogenous Mutations. Fort Myers, FL, November 12, 1998.

85. "*The Effect of Experimental Conditions on the Levels of Oxidatively Modified Bases in DNA as Measured by Gas Chromatography-Mass Spectrometry. How Many Modified Bases Are Involved? Prepurification or Not?*" 4th CERLIB Winter Conferences, Biological Markers of Oxidative Stress. Valloire, France, March 24, 1999.

86. "*Substrate Specificities of DNA Glycosylases for Oxidative DNA Base Damage*". Institut Gustav-Roussy, Villejuif, France, March 26, 1999.

87. "*Repair of Oxidative DNA Base Damage by DNA Glycosylases*". Roswell Park Cancer Institute, Buffalo, NY, April 26, 1999.

88. "*Mechanisms of Oxidative DNA Damage*". Department of Biochemistry, University of Gdansk, Gdansk, Poland, June 5, 1999.

89. "*Oxidative DNA Damage and Its Potential Use for Monitoring Oxidative Stress*". NATO Advanced Study Institute on Human Monitoring After Environmental and Occupational Exposure to Chemical and Physical Agents, Tekirova-Antalya, Turkey, October 1, 1999.

90. "*The Application of the GC/MS Technique to the Measurement of DNA Damage and Repair*". Gazi University, Department of Toxicology, Turkey, October 4, 1999.

91. "*Oxidative DNA Damage and Repair*". School of Medicine, Louisiana State University Medical Center, Shreveport, LO, November 30, 1999.

92. "*Mechanisms of Oxidative DNA Damage and Its Processing by Base-Excision Repair*". Department of Radiation Medicine, National Institutes of Health, Bethesda, MD, January 12, 2000.

93. "*Mechanisms of Oxidative DNA Damage and its Processing by Base-Excision Repair*". Department of Cellular Biology, Colorado State University, Fort Collins, CO, February 17, 2000.

94. "*Oxidative DNA Damage; Mechanisms of Product Formation and Repair by Base-Excision Pathway*". Institute of Biochemistry and Biophysics, Polish Academy of Sciences, Warsaw, Poland, April 11, 2000.

95. "*Oxidative DNA Damage; Mechanisms of Product Formation and Repair by Base-Excision Pathway*". The 10th Biennial Meeting of the International Society for Free Radical Research, Kyoto, Japan, October 17, 2000.

96. "*Base-excision repair of oxidative DNA damage: Measurement and substrate specificities*." Banyu Tsukuba Research Institute in Collaboration with Merck Research Laboratories, Tsukuba, Japan, October 23, 2000.

97. "*Oxidative DNA Damage; Mechanisms of Product Formation and Repair by Base-Excision Pathway*". Oxygen Club of the Greater Washington Area, National Institutes of Health, Bethesda, MD, November 21, 2000.

98. "*Measurement of Oxidative DNA Damage by Liquid Chromatography-Mass Spectrometry.*" National Institute on Aging, National Institutes of Health, Baltimore, MD, December 12, 2000.

99. "*Mechanisms and Measurement of Oxidative DNA Damage,*" Second International Meeting on Oxidative Stress and Aging, Maui, Hawaii, April 2, 2001.

100. "*Mechanisms and Measurement of Oxidative DNA Damage and Repair,*" Karmanos Cancer Institute, Medical School, Wayne State University, Detroit, MI, May 9, 2002.

101. "*Mechanisms of Oxidative DNA Damage and Repair*". The Oxygen Club of Greater Washington, D.C. and Society of Experimental Biology & Medicine, Washington, D.C., 2002 Joint Conference entitled "Oxidative Stress: Molecular Mechanisms, Diseases and Therapeutics", National Institutes of Health, Bethesda, MD, June 3, 2002.

102. "*Substrate Specificities and Excision Kinetics of DNA Glycosylases for Repair of Oxidative Damage to DNA Bases,*" 32<sup>nd</sup> Annual Meeting of European Environmental Society, Warsaw, Poland, September 5, 2002.

103. "*Biomarkers of Oxidative DNA Damage used to detect Genetic Changes in Tissue Engineered Skin,*" BIOMED 2002, IXth International Symposium on Biochemical Science & Technology, Kemer, Antalya, Turkey, September 20, 2002.

104. "*Oxidative DNA damage and Repair,*" Ege University, Faculty of Sciences, Izmir, Turkey, September 25, 2002.

105. "*Measurement of Oxidative DNA Damage,*" Consultants Meeting, International Atomic Energy Agency, Vienna, Austria, July 7, 2003.

106. "*Substrate specificities of DNA glycosylases involved in base-excision repair of Oxidative DNA damage,*" Eight International Conference on Mechanisms of Antimutagenesis and Anticarcinogenesis, Pisa, Italy, October 7, 2003.

107. "*Oxidative DNA Damage and Its Repair by Base-excision Repair Pathway,*" Istituto Superiore di Sanita, Rome, Italy, October 10, 2003.

108. "*Oxidative DNA Damage: Mechanisms, Measurement and Enzymic Repair*," NIH Research Festival, NIH, Bethesda, MD, October 15, 2003.

109. "*Repair of Oxidative DNA Damage by Base-excision Repair Enzymes and in Cells*," 1st US-EU DNA Repair Meeting: Endogenous Stress, National Conference Center, VA, October 17, 2003.

110. "*Oxidative DNA Damage: Mechanisms, Repair and Disease*," National Cancer Institute, Division of Cancer Prevention, Cancer Biomarkers Research Group, Bethesda, MD, December 2, 2003.

111. "*Oxidative DNA Damage: Mechanisms, Repair and Biological Consequences*," Tufts University, Human Nutrition Research Center, Vitamins and Carcinogenesis Laboratory, Boston, MA, December 9, 2003.

112. "*Oxidative DNA Damage: Mechanisms, Repair and Disease*," Inaugural Meeting of the Chemical Society of Washington, Washington Section of the American Chemical Society, Wheaton, MD, January 15, 2004.

113. "*Measurement of Oxidative DNA Damage in Plants Treated with Ionizing Radiation and Other Mutagens*," International Atomic Energy Agency, Vienna, Austria, March 3, 2004.

114. "*Oxidative DNA Damage: Mechanisms, Repair and Disease*," Johns Hopkins Medical School, Baltimore, MD, April 28, 2004.

115. "*Basic Radiation Chemistry*," Radiation Epidemiology Course, National Cancer Institute, NIH, Bethesda, MD, May 5, 2004.

116. "*Radiation Chemistry of DNA*," Radiation Epidemiology Course, National Cancer Institute, NIH, Bethesda, MD, May 5, 2004.

117. "*Oxidative DNA Damage: Mechanisms, Repair and Role in Disease*," Faculty of Medicine, Aydin University, Aydin, Turkey, May 11, 2004.

118. "*Oxidative DNA Damage: Mechanisms, Repair and Biological Consequences*," National Symposium on Molecular Diagnosis and Applications, Ege University, Izmir, Turkey, May 12, 2004.

119. "*Oxidative DNA Damage and Repair in Human Genetic Disease*," National Congress of the Turkish Biochemical Society, Trabzon, Turkey, May 15, 2004.

120. "*Oxidative DNA Damage and Repair in Human Genetic Disease*," Gülhane Military Medical Academy, Department of Biochemistry and Clinical Medicine, Turkey, May 20, 2004.

121. "*Oxidative DNA Damage: Mechanisms, Repair and Role in Disease*," Department of Molecular Biology and Genetics, Bilkent University, Ankara, Turkey, May 21, 2004.

122. "*Cellular Repair of Oxidative DNA Damage in Human Genetic Disease*," The 29<sup>th</sup> FEBS Congress, Warsaw, Poland, June 28, 2004.

123. "*Oxidative DNA Damage: Mechanisms, Repair and Role in Disease*," Faculty of Medicine, Dokuz Eylul University, Izmir, Turkey, July 16, 2004.

124. "*Oxidative DNA Damage: Mechanisms, Repair and Role in Disease*," Department of Biochemistry and Biophysics, Heart, Lung and Blood Institute, NIH, Bethesda, MD, September 3, 2004.

125. "*Cellular Repair of Oxidative DNA Damage in Human Genetic Disease*," Annual Meeting of the Society for Free Radical Research Europe, Birmingham, UK, July 10, 2005.

126. "*Measurement of in vivo Oxidative DNA Damage by Liquid Chromatography/Mass Spectrometry*," The 9<sup>th</sup> International Conference on Environmental Mutagens, and the 36<sup>th</sup> Annual Meeting of the Environmental Mutagen Society, San Francisco, CA, September 6, 2005.

127. "*Repair of Formamidopyrimidines*," Mitochondrial DNA Transactions in Health and Disease, Chevy Chase, MD, September 27, 2005.

128. "*Measurement of Oxidative DNA Damage in Plants Treated with Ionizing Radiation and Other Mutagens*," Second Research Coordination Meeting of the International Atomic Energy Agency on Mutagenic Effects on the DNA Sequence in Plants, Seoul, Republic of Korea, November 15, 2005.

129. *"Base Excision Repair of Formamidopyrimidines,"* 2nd EU-US DNA Repair Meeting, Erice, Sicily, Italy, November 29, 2005.

130. *"Oxidative DNA Damage: Mechanisms, Measurement and Repair,"* Trevigen, Inc., Gaithersburg, MD, February 10, 2006.

131. *"Oxidative DNA Damage and Its Repair in Cancer,"* Multidisciplinary Cancer Symposium, Bursa, Turkey, March 12, 2006.

132. *"Oxidative DNA Damage: Mechanisms, Repair and Disease,"* Turkish Academy of Sciences, Istanbul, Turkey, March 20, 2006.

133. *"Base Excision Repair of Formamidopyrimidines in DNA,"* 2nd Baltimore Area Repair Symposium: DNA Damage and Repair in Cancer, Baltimore, MD, March 22, 2006.

134. *"Formation and Repair of Radiation-Induced Formamidopyrimidines in DNA,"* IXth International Workshop on Radiation Damage to DNA, Tekirova, Antalya, Turkey, May 14, 2006.

135. *"Oxidative DNA Damage: Mechanisms, Repair and Disease,"* National Institute on Aging, NIH, Baltimore, MD, October 12, 2006.

136. *"Detection of Low Amounts of Oxidative DNA Damage in Living Organisms Using Mass Spectrometric Techniques,"* Annual Meeting of the Japanese Mutagen Society, Osaka, Japan, November 21, 2006.

137. *"Repair of Oxidative DNA Damage by DNA Glycosylases,"* Hiroshima University, Hiroshima, Japan, November 22, 2006.

138. *"Oxidative DNA Damage: Mechanisms, Repair and Disease,"* Kyoto University, Kyoto, Japan, November 24, 2006.

139. Course on *"Free Radicals, DNA Damage, DNA Repair and Associated Diseases,"* School of Medicine, Dokuz Eylul University, Izmir, Turkey. May 14-17, 2007.

140. *"Oxidative DNA Damage: Mechanisms, Repair and Disease,"* Department of Biochemistry, Dicle University, Diyarbakir, Turkey, May 21, 2007.

141. "*Oxidative Damage to DNA, NEIL1 Repair Enzyme and Disease*," VII. Congress of The Latin American Environmental Mutagen, Carcinogen and Teratogen Society on Genes, Environment and Health, Cartagena, Colombia, August 29, 2007.

142. "*Oxidative DNA Damage: Mechanisms, Measurement, Repair and Disease*," Institute de cancérologie Gustave Roussy, Université Paris-Sud XI, Villejuif, France, March 5, 2008.

143. Course on "*Free Radicals, DNA Damage, DNA Repair and Associated Diseases*," School of Medicine, Dokuz Eylul University, Izmir, Turkey, October 13-17, 2009.

144. "*Oxidative DNA Damage, DNA Repair Enzyme NEIL1, Metabolic Syndrome and Cancer*," XXth National Congress of Turkish Biochemical Society, Cappadocia, Turkey, October 30, 2008.

145. "*Role of NEIL1 Protein in DNA Repair*," US-EU Conference on Repair of Endogenous Genome Repair, Galveston, TX, February 22, 2009.

146. "*DNA Damage and Repair*," Steering Committee Meeting of Early Detection Research Network of National Cancer Institute, Houston, TX, March 30, 2009.

147. "*Oxidative DNA Damage: Mechanisms, Measurement, Repair and Disease*," University of Texas Medical Branch, Galveston, TX, April 2, 2009.

148. "*DNA damage and DNA repair*," Meeting on Effects of Mutagenic Agents on the DNA Sequence in Plants, International Atomic Energy Agency, Vienna, Austria, May 26, 2009.

149. "*DNA repair protein NEIL1, metabolic syndrome and cancer*," Annual Meeting of the Turkish Toxicology Society, Ankara, Turkey, May 30, 2009.

150. "*Oxidative DNA damage: Mechanisms, repair and biological effects*," Annual Meeting of the Turkish Toxicology Society, Ankara, Turkey, May 31, 2009.

151. "*Oxidative DNA damage: Mechanisms, repair and biological effects*," Institute of Biochemistry and Biophysics, Polish Academy of Sciences, Warsaw, Poland, June 2, 2009.

152. "*NEIL1, metabolic syndrome and cancer*," Workshop on A Biological Meaning of Oxidatively Damaged DNA, Bydgoszcz, Poland, June 4, 2009.

153. "*Oxidative stress, DNA damage and DNA repair*," Inaugural talk at the Turkish Academy of Sciences, Istanbul, Turkey, June 5, 2009.

154. "*DNA repair enzyme NEIL1, metabolic syndrome and cancer*," 10<sup>th</sup> International Conference on Environmental Mutagens (ICEM), Florence, Italy, August 23, 2009.

155. "*Repair of radiation-induced products of DNA by the DNA repair enzymes NEIL1 and NEIL3*," The 11<sup>th</sup> International Workshop on Radiation Damage to DNA, Atlanta, GA, May 17, 2010.

156. Course on "*Free Radicals, DNA Damage, DNA Repair and Associated Diseases*," School of Medicine, Dokuz Eylul University, Izmir, Turkey, June 15-18, 2010.

157. "*Oxidative DNA Damage: Mechanisms, repair and biological effects*," International Postgraduate Student Meeting on Pharmaceutical Sciences, Cesme, Turkey, June 25, 2010.

158. "*Measurement of oxidative DNA damage by mass spectrometric techniques*," The 9<sup>th</sup> International Meeting of the International Society for the Study of Xenobiotics, Istanbul, Turkey, September 4, 2010.

159. "*Oxidative DNA damage, DNA repair enzyme NEIL1, polymorphisms and cancer*," The 9<sup>th</sup> International Meeting of the International Society for the Study of Xenobiotics, Istanbul, Turkey, September 7, 2010.

160. "*Repair of radiation-induced products of DNA by DNA glycosylases NEIL1 and NEIL3*," The 56<sup>th</sup> Annual Meeting of the Radiation Research Society, Maui, HI, September 27, 2010.

161. "*Oxidative DNA Damage: Mechanisms, repair and biological effects*," Department of Medicine, Anadolu University, Eskisehir, Turkey, December 7, 2010.

162. "*Oxidative DNA Damage: Mechanisms and measurement*," Department of Radiation Medicine, Lombardi Cancer Center, Georgetown University, Washington, DC, February 23, 2011.

163. "*Oxidative DNA Damage: Mechanisms, repair and disease*," Department of Molecular Biology and Genetics, Kultur University, Istanbul, Turkey, June 2, 2011.

164. "Oxidative DNA Damage: Mechanisms, repair and disease," Department of Medicine, Onsekiz Mart University, Canakkale, Turkey, June 7, 2011.

165. "Oxidative DNA Damage and Repair," 2nd National Chemistry Student Congress, Bolu, Turkey, June 15, 2011.

166. "Oxidative DNA Damage: Mechanisms, repair and disease," San Raffaele Pisana Scientific Institute, Rome, Italy, August 19, 2011.

167. "Oxidative DNA Damage: Mechanisms, repair and disease," Hacettepe University, Medical School, Ankara, Turkey, December 5, 2011.