

CURRICULUM VITAE Prof. Nedime SERAKINCI, Ph.D. Medical Geneticist

Born: Nicosia, 1970

Citizenship: Turkish Republic of Northern Cyprus (TRNC)

Languages: Turkish, English, Danish & poor German and Italian

Marital Status: Married

EDUCATION AND ACADEMIC DEGREES

PhD Degree:

Marmara University, Medical Faculty Department of Medical Biology and Genetics, Istanbul, Turkey, "Investigation on the Relationship of Telomeres with Cancer and Aging by using advanced Molecular Cytogenetic Techniques", Feb.1994-Marc.1999

Master's study and Degree:

Istanbul University, Istanbul Medical Faculty, Department of Internal Medicine, Division of Medical Genetics and Prenatal Diagnosis and Genetic Counseling Unit Istanbul, Turkey, "Variations of chromosome heteromorphism in early recurrent abortions and significance of especially Y- chromosome heteromorphism", Sept., 1992-Oct., 1993.

Bachelor study in Biological Sciences:

Istanbul University, Faculty of Science, Department of Biology, Division of Genetics, Istanbul, Turkey, Sept.,1988-July,1992.

ACADEMIC POSITIONS

Oct. 2010- Present, Professor and Department leader of Medical Genetics, Near East University, Faculty of Medicine, Lefkosa- KKTC (Turkish Republic of Northern Cyprus)

May 2007- 2011, Associate Professor, Institute for Regional Health Services- (IRS), Telomere and Aging Group, University of Southern Denmark & Department of Clinical Genetics, Vejle County Hospital, Vejle, Denmark.

Feb. 2005- May 2007, Assistant Professor, Institute of Medical Biology, Dept. of Anatomy and Neuroscience, University of Southern Denmark

Feb 2005- Dec 2007, Guest Associate Professor, Institute of Human Genetics, Aarhus University

May 2003- Feb 2005 Associate Professor, Institute of Human Genetics, Aarhus University, sponsored by Danish Cancer Society (Junior Stipend).

Jan. 2003-May 2003 Assistant Professor, Institute of Human Genetics, Aarhus University, sponsored by Danish Cancer Society (Junior Stipend).

Jan. 2002- Dec.2002 Assistant Professor, Institute of Human Genetics, Aarhus University, sponsored by Aarhus Universitets Forskningsfond.

Jan.2001-Dec.2002 Research Assist. Professor, Aarhus Amtssygehus, Cancercytogenetics laboratory, Aarhus, Denmark.

Apr. 1999-Dec.2000 Post-doctoral research fellow at Danish Cancer Society, Department of Cytogenetics, in Aarhus, Denmark.

Nov. 1997-Sept.1998 Research fellow at Danish Cancer Society, Department of Cytogenetics, in Aarhus, Denmark,

Feb. 1994-Apr. 1999 Research fellow at Marmara University, School of Medicine, Department of Medical Biology and Genetics, Istanbul, Turkey.

Sept. 1992- Feb. 1994 Research Scientist at Istanbul University, Istanbul School of Medicine, Department of Internal Medicine, Division of Medical Genetics and Prenatal Diagnosis Unit, Cytogenetics Lab. and Genetic Counseling Unit Istanbul, Turkey.

SCIENTIFIC PRODUCTION:

Published 38 papers in international journals (abstracts are not included) and 7 book chapter. Presented 25 oral presentations and 18 posters and gave **more than 30 invited talks and/or seminars.**

SUPERVISION:

Master Students

External supervisor and/or co-supervisor for 5 international Ph.D.- students and several undergraduate students and 5 post-docs.

INTERNATIONAL INVITED LECTURE, SEMINAR & COURSES in 2013-15:

- Invited speaker at IBMEC'15, International Biomedical Engineering Congress, 12-14 March ,2015, Nicosia, North Cyprus
- Invited speaker at 1st EMU Genomics & Proteomics research meeting, 21 November, 2014, Famagusta, North Cyprus
- Invited speaker and chair person, at 1st international participation stem cell&cellular therapy congress, Kocaeli, Turkey, 20-23, March 2014
- Invited speaker at XI National Medical Genetic Congress, September 24-27 2014, İstanbul, Turkey
- Invited speaker at XIII National Biology and Genetic Congress, October 27-30 2013, İzmir, Turkey
- Invited speaker at XXV. National Biochemistry Congress, September 3-6 2013, İzmir, Turkey
- Invited speaker at 2. International Students Stem Cell Congress, May 25-26 2013, İzmir, Turkey
- Invited lecturer at 9 Eylül university, 24 May, 2013,İzmir,Turkey

INTERNATIONAL INVITED LECTURE, SEMINAR & COURSES in 2011:

- Invited speaker at XII. National with International participation Medical Biology and Genetics Congress, October 26-30 2001, Antalya, Turkey

INTERNATIONAL INVITED LECTURE, SEMINAR & COURSES in 2006-10:

- Invited lecturer at Genomic instability and Aging Course, Aarhus university, 2nd March, 2010 Aarhus, Denmark
- Invited speaker at 5th Aegean Genetic Symposium, Aging and Genetics, 19 February 2010 Izmir, Turkey
- Invited speaker at XI. National with International participation Medical Biology and Genetics Congress, October 28-31 2009 Bodrum Turkey.
- Invited lecturer at international PhD course on imaging techniques, theory alternating with practical demonstrations, Odense & Copenhagen Denmark, June 17-19 2009
- Invited speaker at mini-symposium on Genome maintenance and aging, Aarhus, Feb 6, 2008
- Invited speaker at SPTC-SFTG, Paris, France, May, 25-26, 2005.
- Invited speaker/teaching at Cancer Academy course, Stem Cells and Telomerase as Targets for Cancer Therapy, Umeå, March 13-14, 2006

INTERNATIONAL INVITED LECTURE, SEMINAR AND COURSES 2002-2006:

- Seminar, at Ecole Normale Supérieure Laboratoire de Biologie Moléculaire et Cellulaire - CNRS 5161, Lyon, France, January 2004.
- Serial seminars Baylor College of Medicine and University of Texas, Barshop Center, March, 2004
- APS Genes as Medicines 2004, April, 2004
- Teaching at the summer School on Cell biology and Mathematical Modelling, Croatia, June, 2004.
- Teaching in course Ateliers de formation No 144, INSERM, Exploration of telomeres and telomerase: from fundamental research to medical applications, Phase I-Critical assessment, phase II- Practical course June-September, 2003.
- *Teaching in course Ateliers de formation No 144, INSERM, Telomeres and Telomerase: from basic research to clinical applications phase II- Practical course, September, 2003*
- Invited speaker at 8th world congress on Advances in Oncology and 6th International symposium on molecular Medicine Crete, Greece October 16-18, 2003.
- Invited speaker at British Cancer Research Meeting, Bournemouth, UK, July 2-5, 2003.
- Seminar, Unite INSERM 496, Institut Universitaire d'Hématologie Hopital Saint-Louis, Paris, France, March 2002.
- Invited speaker at international IVF Symposium, Ankara Turkey, April 2002.
- Workshop on Telomeres and Telomerase in Cancer and Aging, Aarhus, Denmark, June 19-20, 2002.

ORGANIZATION OF MEETINGS AND CONFERENCES:

- Workshop on Telomeres and Telomerase in Cancer and Aging, Aarhus Denmark, June, 2002

- Stem Cells & Telomerase: Targets for transformation & therapeutic applications, October, 2004
- Symposium on Genetics from Laboratory Bench to Clinics, 20 May, 2014

REFEREE ACTIVITIES:

- 1- Reviewed several papers for Cancer Research, Neoplasia, Nucleic Acid Research, International Journal of Cancer, Oncogene, Mechanisms of Aging and Development, cellular and molecular neurobiology and many others.
- 2- Reviewed several grant application for EC, Research and development support agency of Slovakia, Cancer research UK and the Health Research Board, Ireland.
- 3- Member of the American Society of Human Genetics (ASHG) and The National Human Genome Research Institute (NHGRI) Mentor Network

GRANT SUPPORT:

Danish Medical Research Council: Post-doc stipendium **2001-2002**, Identification and characterization of expected telomerase inhibitor,

Danish Cancer Society: **2002-2005**, Junior Stipend, the double-faced role of Telomeres in the development of mesenchymal tumors,

EU grants: **1- 5th Framework Programme 2002-2005:** *Telomeres and radiosensitivity of individuals*. **TELOSENS. Coordinator: Laure Sabatier, Paris, France.**

2- **6th Framework Programme 2003-2008:** DNA damage responses, genomic instability and radiation-induced cancer: the problem of risk at low and protracted doses, RISK-RAD. Coordinator: Laure Sabatier, Paris, France.

3- **6th Framework Programme (shared costs) 2004-2008:** “Developing Molecular Medicines For Cancer In The Post-Genome Era”. Coordinator: Rob Newbold, London, UK.

4- **6th Framework Programme, BIOACE, Coordinator Sukran Vardar, Izmir, Turkey**

Danish Medical Research Council: **2004**, Delivery of telomerase-targeted gene therapy vectors to sites of tumour stroma formation by tumour-homing mesenchymal stem cell based carriers.

Grosseren M Brogaard og Hustrus Mindefond. 2005: Short and long term effect of gamma irradiation of adult human mesenchymal stem cells

Danish Research Agency: **2005:** “Forskningsprogrammet for ikke-ioniserende stråling” Effects of non-ionizing radiation on neural development and mature brain. An experimental study employing human and rodent, organotypic brain slice cultures and neural stem cells. Shared cost, partner in joint project. Coordinator Jens Zimmer Rasmussen, SDU, Denmark.

Højberg fonden 2007: Telomere length as prognostic marker in lung cancers,

Region Syddanmarks Forskningspulje 2008, “Telomerforkortning og DNA-skader i lungevæv ved KOL”

Region Syddanmarks Forskningspulje 2009, co-applicant “Telomere shortening in lung epithelial cells in patients with chronic obstructive pulmonary disease (COPD)”

TUBİTAK 2011, co-applicant “The effect of TRF2 knockdown on radiosensitivity of human mesenchymal stem cells”

Awards:

1-Best publication and year’s young investigator award by Scientific and Technical Research Council of Turkey, TUBİTAK, 1998

2-Successful young investigator award by Scientific and Technical Research Council of Turkey, TUBİTAK, 1999

3- Celal Bayar Üniversitesi 1. Ulusal Tıp Öğrencileri Proje Yarışması, Türkiye, Mart 2013

PEDAGOGICAL TRAINING:

Oct.1992-Jan.1993, Istanbul University, Istanbul. Turkey.

Received pedagogic training, based on the following subjects:

- 1- Measurements and evaluations in Education’s
- 2- Methodology of teaching; teaching methods
- 3- Student psychology 1
- 4- Student psychology 2
- 5- Material preparations for education and teaching followed by 2 hour written exam for each subject. At the end of semester, I had 6 weeks internship at a High school, where I taught biology supervised by a high school teacher. In total 60 hours in one semester.

Aug. 10-13, 2004 **Aarhus Universitets pædagogik for adjunkter og vejledere,** Sanbjerg Gods, intensive course, qualifying for “adjunkpædagogikum”

MEMBERSHIP OF SCIENTIFIC SOCIETIES:

- American Society of Human Genetics
- American society of Gene therapy
- European Cytogenetics Association
- European Society of Human Genetics

PUBLICATIONS (excluding abstracts)

1. Kalkan R., Serakinci N., Human mesenchymal stem cells in cancer therapy, in press, Critical Reviews™ in Eukaryotic Gene Expression.
2. “Partial knockdown of TRF2 increase radiosensitivity of human mesenchymal stem cells”, Orun O¹, Mega Tiber P¹, Serakinci N² International Journal of Biological Macromolecules in press,
3. Kalkan R, Özdağ N, Bundak R, **Serakinci N.** A unique mosaic Turner syndrome patient with Androgen Receptor gene derived marker chromosome. Systems Biology in Reproductive Medicine, In press,
4. Near East University Genetic Mutation Database (NEU-GD): The first mutation database of Northern Cyprus, Mahmut Cerkez Ergoren · Rameez Hassan Pirzada · Mustafa Arici · Nedime **Serakinci**, Gene June 2015; 571(1)
5. A late onset tremor and ataxia syndrome; FXTAS and it's ignored peripheral nervous system findings in diagnostic criteria , Amber Eker · Umut Fahrioglu · Nedime **Serakinci**, Archives of Neuropsychiatry, February 2015, [Epub ahead of print]
6. The Ocean Sampling Day Consortium. Anna Kopf, Mesude Bicak, Renzo Kottmann, Julia Schnetzer, ..., Wayne J. Fuller, Ilkay Salihoglu, **Nedime Serakinci**, Mahmut Cerkez Ergoren, Eileen Bresnan, Juan Iriberry, Paul Andres Fronth Nyhus , Edvardsen Bente, Hans Erik Karlsen , Peter Golyshin, Josep M Gasol, Snejana Moncheva, Nina Dzhembekova, Zackary Johnson, Christopher David Sinigalliano, Maribeth Louise Gidley , Adriana Zingonel, Roberto Danovaro , George Tsiamis, Melody S. Clark, Ana Cristina Costa, Monia El Bour, Ana M. Martins, R. Eric Collins, Anne-Lise Ducluzeau, Jonathan Martinez , Mark J. Costello¹¹⁸, Linda A. Amaral-Zettler, Jack A. Gilbert, Neil Davies, Dawn Field, Frank Oliver Glöckner. Gigascience. 2015 Jun 19;4:27. doi: 10.1186/s13742-015-0066-5.
7. Kronik Lenfositik Lösemide Progresif Multifokal Lökoensefalopati: Olgu Sunumu ve Literatürün Gözden Geçirilmesi. A. Eker, **N. Serakinci**, HK. Süer, D. Granit, Ö. Tosun. Türkiye Klinikleri J Case Rep 2015;23(2).
8. “Mesenchymal stem cells, cancer challenges and new directions”. European Journal of Cancer, **Serakinci N**, Fahrioglu U, Christensen R. Eur J Cancer. 2014 Mar 7. pii: S0959-8049(14)00173-7
9. HSV Esophagitis in an immunocompetent elderly patient succesfully treated with valacyclovir, in press
10. BecerE, Mehmetçik G, Bareke H, **Serakinci N.** Association of leptin receptor gene Q223R polymorphism on lipi profiles in comparison study between obese and non-obese subjects. Gene. 2013 Oct 15;529(1):16-20
11. Nedime **Serakinci**^{1,2}, Rikke Christensen^{3,4}, Umut Fahrioglu², Flemming Brandt Sorensen⁵, Frederik Dagnæs-Hansen⁶, Miroslav Hajek¹, Tinna Herløv Jensen⁵, Steen Kolvraa⁷, Nicol W Keith: Mesenchymal stem cells as

- therapeutic delivery vehicles targeting tumor stroma, *Cancer Biotherapy & Radiopharmaceuticals*, *Cancer Biother Radiopharm.* 2011 Dec;26(6):767-73
12. Harbo M, Koelvraa S, **Serakinci N**, Bendix L. Telomere dynamics in human mesenchymal stem cells after exposure to acute oxidative stress. *DNA Repair (Amst)*. 2012 Sep 1;11(9):774-9
 13. Sevgi A.Ozden¹, Hazan Ozyurt¹, Zerrin Ozgen², Olca Kilinc³, Mustafa Oncel⁴, Aylin Gul⁵, Nimet Karadayi⁵, Nedime **Serakinci**⁶, Beki Kan⁷, Oya Orun³, Association of Sensitive-to-Apoptosis Gene (SAG) Expression with Radiosensitivity to Radio/Chemotherapy in Advanced Rectal Cancers, *World Journal of Gastroenterology*, in Press.
 14. Kyle Lafferty-Whyte¹, Claire J. Cairney¹, Malcolm B. Will¹, Nedime **Serakinci**³, Maria-Grazia Daidone², Nadia Zaffaroni² and W. Nicol Keith¹. A gene expression signature classifying telomerase and ALT immortalisation reveals an hTERT regulatory network and suggests a mesenchymal stem cell origin for ALT, *Oncogene*, 2009 Oct 29;28(43):3765-74. Epub 2009 Aug 17.
 15. Rikke Christensen, Jan Alsner, Flemming Brandt Sorensen, Frederik Dagnaes-Hansen, Steen Kolvraa, Nedime **Serakinci**: Transformation of human mesenchymal stem cells in radiation carcinogenesis; Long-term effect of ionizing radiation, *Regen Med.* 2008 Nov;3(6):849-61
 16. Nedime **Serakinci**, Jesper Graakjær, Steen Kolvraa: Telomere stability and telomerase in mesenchymal stem cells, *Review article, Biochimie.* 2008 Jan;90(1):33-40. Epub 2007 Sep 25.
 17. Nedime **Serakinci** & Can Erzik: Rod for understanding cancer stem cells: model cell lines. *Review article, Regen Med* 2007, Nov 2(6),957-965
 18. Jesper Graakjær, Rikke Christensen, Steen Kølvråa, Nedime **Serakinci**: Mesenchymal stem cells with high telomerase expression do not actively restore their chromosome arm specific telomere length pattern after exposure to ionizing radiation. *BMC Mol Biol.* 2007 Jun 13;8(1):49 [Epub ahead of print]
 19. Nedime **Serakinci**, Rikke Christensen, Jesper Graakjær, Claire J. Anderson, W. Nicol Keith, Jan Alsner, Gabriele Saretzki, Steen Kolvraa : Immortalized adult human mesenchymal stem cells are less radiosensitive than their mortal counterpart, *Exp Cell Res.* 2007 Mar 10;313(5):1056-67. Epub 2007 Jan 8.
 20. **Serakinci N**, Keith WN: Therapeutic potential of adult stem cells. *Eur J Cancer.* 42; 1243-1246, 2006
 21. **Nedime Serakinci**, Stacey F. Hoare, Moustapha Kassem, Stuart P. Atkinson, and W. Nicol Keith: Telomerase promoter reprogramming and interaction with general transcription factors in the human mesenchymal stem cell, *Regenerative Med.* 1 (1), 125-131, 2006
 22. Palanduz S, **Serakinci N**, Cefle K, Aktan M, Tutkan G, Ozturk S, Bozkurt G,

- Dincol G, Pekcelen Y, Koch J. A different approach to telomere analysis with ddPRINS in chronic lymphocytic leukemia. *Eur J Med Genet.* 2006 Jan-Feb;49(1):63-9. Epub 2005 Feb 1.
23. W. Nicol Keith, Tom Vulliamy, Jiangqin Zhao, Can Erzik, Alan Bilsland, Cem Ar, Birsen Ulku, Anna Marrone, Philip J Mason*, Monica Bessler, **Nedime Serakinci** and Inderjeet Dokal, A mutation in a functional *Sp1* binding site of the telomerase RNA gene (*hTERC*) promoter in a patient with Paroxysmal Nocturnal Haemoglobinuria, *BMC Blood Disord.* 4(1): 3, 22 Jun 2004
 24. **Serakinci N**, Guldborg P, Burns J, Abdallah B, Shrødder H, Jensen T, and Kassem M The adult human mesenchymal stem cell as a target for neoplastic transformation, *Oncogene*, 23(29): 5095-5099, 2004 (**Awarded with an editorial commentary**).
 25. **Serakinci N**, Ostergaard M, Larsen H, Madsen B, Pedersen B, Koch J.: Multiple chromosome end aberrations in a telomerase positive leukemia patient. *Cancer Genet. Cytogenet* 138,11-16, 2002.
 26. **Serakinci N**, and Koch J.: Telomerase activity in human leukemic cells with or without monosomy 7 or 7q-. *BMC Medical Genetics* 3, 11, 2002.
 27. Simonsen JL, Rosada C, **Serakinci N**, Justesen J, Stenderup K, Rattan SI, Jensen TG and Kassem M Telomerase expression extends the proliferative life-span and maintains the osteogenic potential of human bone marrow stromal cells. *Nature Biotech* 20, 592-596, 2002.
 28. **Serakinci N**, Pedersen B, Koch J.: Expansion of repetitive DNA into cytogenetically visible elements, *Cytogenet. Cell Genet* 92, 182-185, 2001.
 29. Palanduz S, Ozturk S, Cefle K, Karaman B, Tutkan G, Ustek D, Ucur A, **Serakinci N**, Basaran S. A case of Turner syndrome with a rare reciprocal translocation between an autosome and the X chromosome. *BJMG* 3, 45-48, 2000.
 30. Sukru Ozturk, Sukru Palanduz, Melih Aktan, Kivanc Cefle, **Nedime Serakinci**, Yuksel Pekcelen: Sister chromatid exchange frequency in B-cells stimulated by TPA in chronic lymphocytic leukemia. *Cancer Genet. Cytogenet* 123, 49-51, 2000.
 31. Palanduz S, Ozturk S, Cefle K, Tutkan G, Karaman B, Ustek D, Ucur A, **Serakinci N**, Basaran S. A case of mental retardation associated with a partial tetrasomy of chromosome 15. *BJMG*, Vol:3(1), 45-48, 2000.
 32. **Serakinci N**, Koch J.: Telomeric repeats of immortal hamster cells, *Turk J Med Sci* 30, 315-320, 2000.
 33. Palanduz S., Berkman Z., Çefle K., Öztürk S, **Serakinci N.**, Akif Karan M., Tas F.: A family with several members affected by brain tumours, skin

- lesions and renal involvement Tuberous Sclerosis, Medical Bulletin of Istanbul Medical Faculty, 33:1, 62-67, 2000.
34. **Serakıncı N**, Krejci K, Koch J,: Telomeric repeat organization- a comparative in situ study between man and rodent, Cytogenet. Cell Genet. 86, 204-211, 1999.
35. **Serakıncı N**, Koch J: Detection and sizing of telomeric repeat DNA In Situ. Nature Biotech. 17, 200-201, 1999.
36. Palanduz S., Çefle K., Öztürk S., Karan MA, Tas F., **Serakıncı N.**: A Family with Von Hippel-Lindau disease with several members affected by renal involvement and brain tumors, Medical Bulletin of Istanbul Medical Faculty, 32:1, p8992, 1999.
37. **Serakıncı N.**: Investigation on the Relationship of Telomeres with Cancer and Aging by using advanced Molecular Cytogenetic Techniques, Health Science Institute Department of Medical Genetics and Biology, Brief report, Turk J Med Sci, p9882, 1999.
38. **Serakıncı N.**:Variations of chromosome heteromorphism in early recurrent abortions and significance of especially Y- chromosome heteromorphism, Istanbul University, Health Science Institute Department of Medical Genetics, Medical Bulletin of Istanbul Medical Faculty, p687, 1993.

Published Proceeding Papers

1-Vitamin D reseptör gen polimorfizminin metabolik sendrom ve obezitedeki rolü Meral Karafistan Kızıllkanat, Eda Becer, Umut Fahrioğlu, Mahmut Çerkez Ergören, Güldal Mehmetçik, Nedime Serakıncı, Tıbbi Biyoloji ve Genetik Kongresi, 2014, Poster

2-MLD (Metakromatik Lökodistrofi)'de “p.N350S” mutasyonu yeni bir ARSA mutasyonu mu? Umut Fahrioğlu¹, Amber Eker², Süha Akpınar³, Eray Dirik⁴, Nedime Serakıncı^{1*} Tıbbi Biyoloji ve Genetik Kongresi, 2014, Poster

3- İzole Levator Palpebra Superior Kası Hipoplazisine Bağlı Konjenital Blefaropitozis Hakan Tekgüç¹, İpek Akman¹ Ceyhun Dalkan¹, Orgun Deren², Amber Eker³, Nedime Serakıncı⁴, Umut Fahrioğlu⁴, Yüksel Yılmaz Türk Pediatri Kongresi 2011

4-The use of FISH/M-FISH in patients with hematological malignancies for further characterization chromosomal abnormalities detected on conventional cytogenetic analysis. Ucur A, Bayrak A, Serakıncı N, Bagatir G, Palanduz S, Ozturk S, Cefle K, Yavuz S, Nalcaci N, Guncag D. 6th European Cytogenetics Conference, Istanbul, Turkey. 7-10 July, 2007, 7.72-P.

5-Ectopic telomerase expression elongates telomeres while maintaining osteogenic potential of bone marrow stromal cells Serakıncı N, Jensen TG, Kassem M

Conference Information: 6th Annual Meeting of the American-Society-of-Gene-Therapy, JUN 04-08, 2003 WASHINGTON, D.C.

6- Telomerase expression extends the proliferative life-span and maintains the osteogenic potential of human bone marrow stromal cells. Simonsen, J.L., Rosada, C., Serakinci, N., Justesen, J., Stenderup, K., Rattan, S., Jensen, T.G., Kassem, M. 40th Annual Meeting for the European Society of Gene and Cell Therapy, Hannover, Germany, 2002

7- Telomere shortening in patients with chronic lymphocytic leukemia Palanduz Ş, Serakinci N, Çefle K, Aktan M, Tutkan G, Öztürk S, Dinçol G, Pekçelen Y, Koch J. 10th International Congress of Human Genetics, May 15-19, 2001, Vienna, Austria, pp182.

8-A case of Bardet-Biedl syndrome associated with pancytopenia. Çefle K, Palanduz Ş, Öztürk Ş, Karan MA, Erten NB, Esen BA, Sözen AB, Serakinci N, Taşçıoğlu C 10th International Congress of Human Genetics, May 15-19, 2001, Vienna, Austria P380.

9-Two sisters with hemifacial microsomia associated with possible polyglandular autoimmune syndrome type I. K Çefle, Ş Öztürk, Ş Palanduz, R Tanakol, D Türkmen, N Kır, C Baykal, N Boz Erten, MA Karan, C Taşçıoğlu, N Serakinci. European Human Genetics Conference 2000, 27-31 Mayıs 2000, Amsterdam, Hollanda, pp 151.

10- Two siblings with XY gonadal dysgenesis. Ş Palanduz, K Çefle, Ş Öztürk, A Palanduz, N Serakinci, F Silan, G Tutkan, A Uçur, D Üstek European Human Genetics Conference 2000, 27-31 Mayıs 2000, Amsterdam, Hollanda, pp 156.

11- The evaluation of genotoxic potential in chronic lymphocytic leukemia by sister chromatid exchange Ş Öztürk, Ş Palanduz, M Aktan, K Çefle, N Serakinci, Y Pekçelen. European Human Genetics Conference 2000, 27-31 Mayıs 2000, Amsterdam, Hollanda, pp 291.

12- A case of Turner syndrome with a rare reciprocal translocation between an autosome and the X chromosome. Palanduz Ş, Öztürk Ş, Çefle K, G Tutkan, Karaman B, Üstek D, Uçur A, Serakinci N, Başaran S. Cytogenetics and Cell Genetics second European Cytogenetics Conference July 3-6, 1999, Vienna, Austria, pp159.

13- A case of mental retardation associated with a partial tetrasomy of chromosome 15. Palanduz Ş, Öztürk Ş, Çefle K, Tutkan G, Karaman B, Üstek D, Uçur A, Serakinci N, Başaran S. Cytogenetics and Cell Genetics second European Cytogenetics Conference July 3-6, 1999, Vienna, Austria, pp159.

14- Role of telomeres in cancer progression and aging Serakinci N, Koch J Cytogenetics and Cell Genetics second European Cytogenetics Conference July 3-6, 1999, Vienna, Austria, pp159

15- Do chromosome 1,9,16 and Y heteromorphisms increase the risk of recurrent abortion? Serakinci N, Pedersen B, Palanduz S, et al. Cytogenetics and Cell Genetics second European Cytogenetics Conference July 3-6, 1999, Vienna, Austria, pp159

16- Familial reciprocal translocation and derivative chromosome 10 in an abortion material Yirmibes A, Menevse S, Serakinci N, et al. Cytogenetics and Cell Genetics second European Cytogenetics Conference July 3-6, 1999, Vienna, Austria, pp159

Book chapters:

- 1- Essay in Encyclopedia of Cancer. **Rikke Christensen & Nedime Serakinci**, Springer-Verlag Berlin and Heidelberg GmbH & Co. K, Berlin, in Press
- 2- Mesenchymal stem cells in cancer therapy, **Nedime Serakinci & Mahmut Cerkez Ergoren**, Chapter Nr 14, Shanghai Jiao Tong University Press, Shanghai and Springer Sciences Business Media Dordrecht 2015
- 3- Culture of Animal Cells, 5th ed. *Author:* R.I. Freshney; **Nedime Serakinci**, *Chapter No:* 17 Copyright © 2005 Wiley[Imprint], Inc
- 4- Essay in Encyclopedia of Cancer. **Rikke Christensen & Nedime Serakinci**, Springer-Verlag Berlin and Heidelberg GmbH & Co. K, Berlin, UK, 2nd edition 2008.
- 5- Molecular cytogenetic applications in diagnostics and research - an overview **Nedime Serakinci**^{1,2} & Steen Koelvraa^{2,*} Springer-book
- 6- Culture of Animal Cells, 6th ed. *Author:* R.I. Freshney; **Nedime Serakinci** *Chapter No:* 18, Copyright © 2005 Wiley[Imprint], Inc October 2010.
- 7- Cancer Stem Cells, In Tech, *Editor:* Niksa Mandic **Nedime Serakinci**, Umut Fahrioglu, ISBN nr. 978-953-307-225-8
- 8- Culture of Animal Cells, 7th ed. *Author:* R.I. Freshney; **Nedime Serakinci**, *Chapter No:* XX Copyright © 2005 Wiley[Imprint], Inc. in press.
- 9- Mesenchymal Stem Cells in Cancer Therapy, Stem Cells: Basics and Clinical Translation Volume 1 of the series Translational Medicine Research pp 337-360 Date: 15 September 2015
- 10- Role of Mesenchymal stem cells in cancer development and their use in cancer therapy, **Nedime Serakinci**, Pinar Tulay, Rasime Kalkan, Springer Books series 2015 Series Ed.: Pham, Phuc Van ISSN: 2365-4198, STEM CELLS: CLINICAL APPLICATIONS, *Chapter No:*,XX- In press
- 11- Essay in Encyclopedia of Cancer. Rikke Christensesn & **Nedime Serakinci**, Springer-Verlag Berlin and Heidelberg GmbH & Co. K, Berlin, UK, 3rd edition - In press