

# **ÖZGEÇMİŞ VE ESERLER LİSTESİ**

## **ÖZGEÇMİŞ**

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### **Öğrenim Durumu:**

Derece	Bölüm/Program	Üniversite	Yıl
Lisans	Tıp Fakültesi	Hacettepe Üniversitesi	1993
Doktora/S.Yeterlik/ Tİpta Uzmanlık	Radyasyon Onkolojisi	Hacettepe Üniversitesi	2001
Yüksek Lisans	MBA (Master for Business Administration)	Antalya Bilim Üniversitesi	2014-2016

### **Doktora Tezi/S.Yeterlik Çalışması/Tipta Uzmanlık Tezi Başlığı (özetî ekte) ve Danışman(lar)ı :**

Serviks kanserli 166 hastada postoperatif radyoterapi sonuçları.

**Tez Danışmanı:** Prof.Dr. İ. Lale Atahan

**Yabancı Dil:** İngilizce, Fransızca

### **Görevler:**

Görev Unvanı	Görev Yeri	Yıl
Araştırma Görevlisi	Radyasyon Onkolojisi Anabilim Dalı, Hacettepe Üniversitesi Tıp Fakültesi	Temmuz 2001- Ekim 2004
Araştırma Görevlisi	Avrupa Kanseroloji Diploma Programı (DUERCC), Institute Gustave Roussy, Paris, Fransa	Kasım 2004- Mart 2006
Araştırma Görevlisi	Radyasyon Onkolojisi Anabilim Dalı, Centre Hospitalier Vaudois, Lozan, İsviçre	Nisan 2006- Mart 2007
Visiting Scientist	Protonterapi Merkezi, Paul Scherrer Enstitüsü, Villigen/İsviçre	Ağustos 2007- Mart 2008

<b>Visiting Scientist</b>	<b>Institute Curie Orsay Prototerapi Merkezi, Orsay/Fransa</b>	<b>Nisan 2008- Ekim 2008</b>
<b>Öğretim Görevlisi</b>	<b>Radyasyon Onkolojisi, Başkent Üniversitesi, Adana Kışla Sağlık Yerleşkesi</b>	<b>Ocak 2009- Şubat 2010</b>
<b>Yrd Doç. Dr Doç. Dr.</b>	<b>Radyasyon Onkolojisi, Akdeniz Üniversitesi, Antalya Radyasyon Onkolojisi, Akdeniz Üniversitesi, Antalya</b>	<b>Mart 2010- 9 Nisan 2012</b>
<b>Yeterlilik</b>	<b>Türk Radyasyon Onkolojisi Derneği</b>	<b>2011</b>
<b>Doç. Dr.</b>	<b>Radyasyon Onkolojisi, Memorial Sağlık Grubu, Medstar Antalya Hastanesi</b>	<b>9 Nisan 2012 – Şubat 2015</b>
<b>Doç. Dr.</b>	<b>Radyasyon Onkolojisi, Medical Park Sağlık Grubu Göztepe ve Bahçelievler Hastaneleri Radyasyon Onkolojisi, Altınbaş Üniversitesi</b>	<b>Nisan 2015- Mayıs 2017</b>
<b>Prof. Dr.</b>	<b>Radyasyon Onkolojisi, Medical Park Sağlık Grubu Göztepe ve Bahçelievler Hastaneleri Radyasyon Onkolojisi, Altınbaş Üniversitesi</b>	<b>Mayıs 2017- Haziran 2018</b>
<b>Prof. Dr.</b>	<b>Bahçeşehir Üniversitesi, Radyasyon Onkolojisi</b>	<b>Temmuz 2018-</b>

## Yayınlar

1. Somay E, Topkan E, Bascil S, Kılıç Durankuş N, Senyürek Ş, Ozturk D, **Pehlivan B**, Selek U. Global Immune-Nutrition-Inflammation Index as a novel comprehensive biomarker in predicting the radiation-induced trismus rates in locally advanced nasopharyngeal carcinoma patients. Biomol Biomed. 2024 Jun 10 Global Immune-Nutrition-Inflammation Index as a novel comprehensive biomarker in predicting the radiation-induced trismus rates in locally advanced nasopharyngeal carcinoma patients - PubMed (nih.gov)
2. Topkan E, Kucuk A, Ozturk D, Ozkan EE, Besen AA, **Pehlivan B**, Selek U. Prognostic Value of Novel CARWL Score in Stage IIIC Non-Small-Cell Lung Cancer Patients Undergoing Concurrent Chemoradiotherapy. Can Respir J. 2024 Jun 28;2024:2803044. Prognostic Value of Novel CARWL Score in Stage IIIC Non-

Small-Cell Lung Cancer Patients Undergoing Concurrent Chemoradiotherapy -  
PubMed (nih.gov)

3. Somay E, Topkan E, Selek U, **Pehlivan B**. Comment on 'accelerated hypofractionated chemoradiation for locally advanced head and neck cancer during COVID-19 pandemic: A tertiary care experience'. J Cancer Res Ther. 2024 Apr 1;20(3):1106-1107. Comment on 'accelerated hypofractionated chemoradiation for locally advanced head and neck cancer during COVID-19 pandemic: A tertiary care experience' - PubMed (nih.gov)
4. Somay E, Topkan E, Kucuk A, Ozturk D, Ozkan EE, Ozdemir BS, Besen AA, Mertsoylu H, **Pehlivan B**, Selek U. Pre-chemoradiotherapy high platelet counts predict jaw osteoradionecrosis in locally advanced nasopharyngeal carcinoma patients. J Stomatol Oral Maxillofac Surg. 2024 Mar 20:101838. Pre-chemoradiotherapy high platelet counts predict jaw osteoradionecrosis in locally advanced nasopharyngeal carcinoma patients - PubMed (nih.gov)
5. Somay E, Topkan E, Selek U, **Pehlivan B**. Comment on " Impact of pretreatment quality of life on tolerance and survival outcome in head and neck cancer patients undergoing definitive CCRT". J Formos Med Assoc. 2024 Feb 26:S0929-6646(24)00137-2. Comment on " Impact of pretreatment quality of life on tolerance and survival outcome in head and neck cancer patients undergoing definitive CCRT" - PubMed (nih.gov)
6. Yilmaz B, Somay E, Topkan E, **Pehlivan B**, Besen AA, Mertsoylu H, Selek U. Predictive potential of pan-immune-inflammation value / hemoglobin index as biomarker for osteoradionecrosis risk in locally advanced nasopharyngeal carcinomas. J Stomatol Oral Maxillofac Surg. 2024 Jan 28;125(6):101786.
7. Somay E, Topkan E, Pehlivan UA, Yilmaz B, Besen AA, Mertsoylu H, **Pehlivan B**, Selek U. The Use of Pre-Chemoradiotherapy Total Masseter Muscle Volume as a Novel Predictor of Radiation-Induced Trismus in Locally Advanced Nasopharyngeal Carcinoma Patients. Tomography. 2024 Jan 10;10(1):79-89.

8. Topkan E, Somay E, **Pehlivan B**, Selek U. Comment on Konishi et al. Oral Radiol. 2024 Apr;40(2):327-328.
9. Topkan E, Kucuk A, Ozkan EE, Ozturk D, Besen AA, Mertsoylu H, **Pehlivan B**, Selek U. High pre-chemoradiotherapy pan-immune-inflammation value levels predict worse outcomes in patients with stage IIIB/C non-small-cell lung cancer. Discov Oncol. 2023 Dec 13;14(1):230.
10. Topkan E, Somay E, Selek U, **Pehlivan B**. Letter re: Reduced-dose radiotherapy for Epstein-Barr virus DNA selected staged III nasopharyngeal carcinoma: A single-arm, phase 2 trial. Eur J Cancer. 2024 Mar;200:113459.
11. Yilmaz B, Somay E, Topkan E, **Pehlivan B**, Selek U. Pre-chemoradiotherapy low hemoglobin levels indicate increased osteoradionecrosis risk in locally advanced nasopharyngeal cancer patients. Eur Arch Otorhinolaryngol. 2023 Feb 7.
12. Somay E, Yilmaz B, Topkan E, Kucuk A, **Pehlivan B**, Selek U. Initial neutrophil-to-lymphocyte ratio predicts radiation-induced trismus in parotid gland cancer. Oral Dis. 2022 Nov 8.
13. Somay E, Yilmaz B, Topkan E, Kucuk A, Haksoyler V, **Pehlivan B**, Selek U, Araz K. Hemoglobin-to-platelet ratio in predicting the incidence of trismus after concurrent chemoradiotherapy. Oral Dis 2022 Aug 29.
14. Topkan E, Selek U, Kucuk A, **Pehlivan B**. Low Pre-Chemoradiotherapy Pan-Immune-Inflammation Value (PIV) Measures Predict Better Survival Outcomes in Locally Advanced Pancreatic Adenocarcinomas. J Inflamm Res. 2022 Sep 18;15:5413-5423.
15. Topkan E, Selek U, Haksoyler V, Kucuk A, Durankus NK, Sezen D, Bolukbasi Y, Pehlivan B. Postchemoradiotherapy Neutrophil-to-Lymphocyte Ratio Predicts Distant Metastasis and Survival Results in Locally Advanced Pancreatic Cancers. Int J Clin Pract. 2022 Jan 31;2022:7473649.
16. Yalcin K, **Pehlivan B**, Celen S, Bas EG, Kabakci C, Pashayev D, Daloglu H, Zhumatayev S, Uygun V, Karasu GT, Hazar V, Yesilipek A. Comparison of Total Body Irradiation-based Versus Chemotherapy-based Conditionings for Early Complications of Allogeneic Hematopoietic Stem Cell Transplantation in Children With ALL. J Pediatr Hematol Oncol 2021 Mar 31.

17. Kucuk A, Topkan E, Selek U, Haksoyler V, Mertsoylu H, Besen AA, **Pehlivan B**. High Measures of Pre-Chemoradiotherapy Platelet-to-Albumin Ratio Indicates Poor Prognosis in Locally Advanced Pancreatic Cancer Patients. *Ther Clin Risk Manag.* 2022 Apr 14;18:421-428.
18. Topkan E, Selek U, Küçük A, Haksöyler V, Özdemir Y, Sezen D, Mertsoylu H, Besen AA, Bolükbaşı Y, Özyıldız O, **Pehlivan B**. Prechemoradiotherapy Systemic Inflammation Response Index Stratifies Stage IIIB/C Non-Small-Cell Lung Cancer Patients into Three Prognostic Groups: A Propensity Score-Matching Analysis. *J Oncol* 2021 Jan 23;2021.
19. Küçük A, Ozkan EE, Öztep SE, Mertsoyle H, **Pehlivan B**, Selek U, Topkan E. The Influence of Systemic Inflammation Response Index on Survival Outcomes of Limited-Stage Small-Cell Lung Cancer Patients Treated with Concurrent Chemoradiotherapy. *J Oncol* 2020 Dec 16.
20. Topkan E, Besen AA, Mertsoylu H, Kucuk A, **Pehlivan B**, Selek U. Prognostic Value of C-Reactive Protein to Albumin Ratio in Glioblastoma Multiforme Patients Treated with Concurrent Radiotherapy and Temozolomide. *Int J Inflam.* 2020 Jun 8;2020.
21. Topkan E, Mertsoylu H, Kucuk A, Besen AA, Sezer A, Sezen D, Bolukbasi Y, Selek U, **Pehlivan B**. Low Systemic Inflammation Response Index Predicts Good Prognosis in Locally Advanced Pancreatic Carcinoma Patients Treated with Concurrent Chemoradiotherapy. *Gastroenterol Res Pract.* 2020 Jul 30;2020.
22. Topkan E, Ozdemir Y, Guler OC, Kucuk A, Besen AA, Mertsoylu H, Sezen D, Akdemir EY, Sezer A, Bolukbasi Y, **Pehlivan B**, Selek U. Comparison of Involved Field Radiotherapy versus Elective Nodal Irradiation in Stage IIIB/C Non-Small-Cell Lung Carcinoma Patients Treated with Concurrent Chemoradiotherapy: A Propensity Score Matching Study. *J Oncol.* 2020 Sep 4;2020.
23. Topkan E, Kucuk A, Ozdemir Y, Mertsoylu H, Besen AA, Sezen D, Bolukbasi Y, **Pehlivan B**, Selek U. Systemic Inflammation Response Index Predicts Survival Outcomes in Glioblastoma Multiforme Patients Treated with Standard Stupp Protocol. *J Immunol Res.* 2020 Nov 14;2020.
24. Kucuk A, Ozkan EE, Eskici Oztep S, Mertsoylu H, **Pehlivan B**, Selek U, Topkan E. The Influence of Systemic Inflammation Response Index on Survival Outcomes of Limited-Stage Small-Cell Lung Cancer Patients Treated with Concurrent Chemoradiotherapy. *J Oncol* 2020 Dec 16;2020.

25. Topkan E, Besen AA, Ozdemir Y, Kucuk A, Mertsoylu H, **Pehlivan B** and Selek U. Prognostic Value of Pretreatment Systemic Immune-Inflammation Index in Glioblastoma Multiforme Patients Undergoing Post-neurosurgical Radiotherapy plus Concurrent and Adjuvant Temozolomide. *Mediators Inflamm.* 2020;23;2020.
26. Kucuk A, Topkan E, İkiz ED, Durankuş N, Senyürek S, Aydemir EY, Sezen D, Bolükbaşı Y, Selek U, **Pehlivan B**. Combination of stereotactic radiosurgery with immunotherapy: is it a new treatemnt option for brain metastases? *Int Res J Oncol*, 2020.
27. Topkan E, Küçük A, Şenyürek S, Sezen D, Durankuş NK, Aydemir EY, İkiz ED, Bolükbaşı Y, **Pehlivan B** ve Selek U. Preoperative radiosurgery in management of brain metastases. *J Cancer Tumor Int*, 10(1):1-11, 2020.
28. Topkan E, Küçük A, Sezen D, Senyürek S, Aydemir EY, Durankuş N, İkiz ED, Bolükbaşı Y, **Pehlivan B** ve Selek U. Common prognostic scoring system for patients presenting with brain metastases. *Clin Oncol Res*, 2020.
29. **Pehlivan B**, Topkan E, Küçük A, Okumuş A, Sezen D, Bolükbaşı Y, Selek U. Stereotactic radiosurgery and targeted therapies for brain metastases from solid cancers. *JAMMR*,ISSN:2456-8899.
30. Topkan E, Küçük A, Durankuş NK, Şenyürek Ş, Akdemir EY, Sezen D, İkiz ED, Bolükbaşı Y, **Pehlivan B**, Selek U. Radiosurgical management of brainstem metastasis. *Int Res J Oncol*, 2020 3(1):37-46.
31. Sağlam Y, Bolükbaşı Y, Atasoy Aİ, Karaköse F, Alpan V, Selek U, Küçük A, **Pehlivan B**, Topkan E. Quality assurance in stereotactic radiosurgery and stereotactic body radiotherapy. *Advances in Research* 21 (7), 22-33.
32. Topkan E, Küçük A, Şenyürek Ş, Sezen D, Durankuş NK, Akdemir EY, Sağlam Y, Bolükbaşı Y, **Pehlivan B**, Selek U. Radiosurgery techniques for brain metastases. *JCTI* 2020; 10, 1-14.
33. Bolükbaşı Y, Selek U, Sezen D, Durankuş NK, Akdemir EY, Şenyürek Ş, Küçük A, **Pehlivan B**, Topkan E. Tumor cavity stereotactic radiosurgery for resected brain metastases. *JCTI* 2020, 10(2):15-30.
34. **Pehlivan B**, Sengul K, Yesil A, Nalbant N, Ozturk O, Ozdemir Y, Topkan E. Dosimetric comparison of lung-sparing radiation therapy between volumetric arc therapy and helical tomotherapy for unresectable malignant pleural mesothelioma. *BioMed Res Int*, 2019.
35. **Pehlivan B**, Kucuk A, Mertsoylu H, Topkan E. Current management of brainstem gliomas. *Int. J.Adv. Res.* 7(9), 2019.

36. Topkan E, **Pehlivan B**. Radiation-induced abscopal effects on cardiovascular system. IndJMedResPharmSci, 6(9), 2019.
37. Golusinski P, Di Maio P, **Pehlivan B**, Colley S, Nankivell P, Kong A, Hartley A, Mehanna H. Evidence for the approach to the diagnostic evaluation of squamous cell carcinoma occult primary tumors of the head and neck. Oral Oncol. 2019 Jan;88:145-152.
38. Topkan E, Selek U, Ozdemir Y, Besen AA, Guler OC, Yildirim BA, Mertsoylu H, Findikcioğlu A, Ozyılkan O, **Pehlivan B**. Risk factors for fatal pulmonary hemorrhage following concurrent chemoradiotherapy in stage 3B/C squamous-cell lung carcinoma patients. J Oncol 2018 Nov 1;2018.
39. Topkan E, Yildirim BA, Guler OC, Parlak C, **Pehlivan B**, Selek U. Safety and palliative efficacy of single-dose-8-Gy reirradiation for painful local failure in patients with stage IV non-small cell lung cancer previously treated with radical chemoradiation therapy. Int J Radiat Oncol Biol Phys. 2015 Mar 15;91(4):774-80.
40. Duman E, Cecen Y, Sindir B, Ozdemir B, Yıldırım M, Cecen S, **Pehlivan B**, Yavuz MN. Dosimetric evaluation of Adaptive Therapy in non-small lung cancer patients undergoing palliative thoracic Radiotherapy. Int J Hematol Oncol. 2015, 25:178-185.
41. Mirimanoff RO, Ozsahin M, Thariat J, Ozyar E, Schick, **Pehlivan B**, Krengli M, Pellanda AF, Vess H. Cai L, Scandolaro L, Belacemi Y, Villa S, Igdem S, Lutsyk M, Miller RC. History of rare cancer network and past research. Rare Tumors. 2014 Aug 6;6(3):5462.
42. Sarica FB, Cekinmez M, Tufan K, Sen O, Onal HC, Mertsoylu H, Topkan E, **Pehlivan B**, Erdogan B, Altinors B. Five-year follow-up results for patients diagnosed with anaplastic astrocytoma and effectiveness of concomitant therapy with temozolomide for recurrent anaplastic astrocytoma. Asian J Neurosurg. 2012 Oct;7(4):181-90.
43. Topkan E, Parlak C, Topuk S, **Pehlivan B**. Influence on oral glutamine supplementation on survival outcomes of patients treated with concurrent chemoradiotherapy for locally advanced non-small cell lung cancer. BMC Cancer 2012 Oct 31;12:502.
44. **Pehlivan B**, Ares C, Lomax T, Stadelmann O, Goitein G, Timmermann B, Schneider RA, Hug EB.: Temporal lobe toxicity analysis after proton radiation therapy for skull base tumors. Int J Radiat Oncol Biol Phys 2012 Aug 1;83(5):1432-40.
45. Topkan E, Parlak C, Kotek A, Yuksel O, Cengiz M, Ozsahin M, **Pehlivan B**. Impact of prophylactic cranial irradiation timing on brain relapse rates in patients with stage IIIB

non-small-cell lung carcinoma treated with two different chemoradiotherapy regimens. Int J Radiat Oncol Biol Phys 2012 July 15;83(4):1264-71.

46. **Pehlivan B**, Onal C, Yavuz M.: Retinoblastoma Tedavisinde Eksternal Radyoterapinin Rolü ve Radyoterapi Seçenekleri. Int J. Hematol Oncol. 2012, 22(2):1-9.
47. Topkan E, Parlak C, Kotek A, Yapar AF, **Pehlivan B**. Predictive value of metabolic 18FDG-PET response on outcomes in patients with locally advanced pancreatic carcinoma treated with definitive concurrent chemoradiotherapy. BMC Gastroenterol 2011 10,11:123.
48. Topkan E, Topuk S, Oymak E, Parlak C, **Pehlivan B**. Pseudoprogression in patients with glioblastoma multiforme after concurrent radiotherapy and temozolomide. Am J Clin Oncol 2012; 35(3):284-9.
49. Sarica F, Tufan K, Çekinmez M, Şen O, Onal HC, Mertsoylu H, **Pehlivan B**, Erdogan B, Altınors MN. Effectiveness of temozolomide treatment used at the same time with radiotherapy and adjuvant temozolomid: concomitant therapy of glioblastoma multiforme: multivariate analysis and other prognostic factors. J Neurosurg Sci. 2010; 54(1): 7-19.
50. Ozsahin M, Gruber G, Olszyk O, Karakoyun-Celik O, **Pehlivan B**, Azria D, Roelandts M, Kaanders JH, Cengiz M, Krengli M, Matzinger O, Zouhair A.: Outcome and prognostic factors in olfactory neuroblastoma: a rare cancer network study. Int J Radiat Oncol Biol Phys. 2010 Nov 15;78(4):992-7.
51. Yavuz MN, Topkan E, Yavuz AA, Aydin M, Onal C, Reyhan M, Kotek A, **Pehlivan B**, Yapar AF.: FDG-PET/CT Imaging-based target volume delineation for preoperative conformal radiotherapy for rectal carcinoma. Int J Hematol Oncol 2010, 20(2):067-074.
52. **Pehlivan B**, Topkan E, Onal C, Nursal GN, Yüksel O, Yavuz M, Yavuz A.: Comparison of CT and integrated PET-CT based radiation therapy planning in malignant pleural mesothelioma patients. Radiat Oncol. 2009, 4:35.
53. **Pehlivan B**, Luthi F, Matzinger O, Betz M, Dragusanu D, Bulling S, Bron L, Pasche P, Seelentag W, Mirimanoff RO, Zouhair A, Ozsahin M.: Feasibility and efficacy of accelerated weekly concomitant boost postoperative radiation therapy combined with concomitant chemotherapy in patients with locally advanced head and neck cancer. Ann Surg Oncol. 2009, 16:1337-1343.
54. **Pehlivan B**, Pichenot C, Casting M, Auperin A, Arriagada R, Bourhis J.: Interfractional set-up errors evaluation by daily electronic portal imaging of IMRT in head and neck cancer patients. Acta Oncol. 2009, 48(3):440-5.

55. **Pehlivan B**, Zouhair A, Luthi F, Bron L, Pasche P, Dragusanu D, Azria D, Matzinger O, Mirimanoff RO, Ozsahin M.: Decrease in hemoglobin levels following surgery influences the outcome in head and neck cancer patients treated with accelerated postoperative radiotherapy. Ann Surg Oncol. 2009, 16:1331-1336.
56. Onal C, Arslan G, Topkan E, **Pehlivan B**, Yavuz M, Oymak E, Yavuz A.: Comparison of conventional and CT-based planning for intracavitary brachytherapy for cervical cancer: target volume coverage and organs at risk doses. J Exp Clin Cancer Res. 2009 Jul 1;28:95.
57. Onal C, **Pehlivan B**, Bal N, Topkan E, Kilinc F, Topuk S. : Sarcomatoid Carcinoma of the Urinary Bladder Treated with Adjuvant Radiotherapy: A Case Report. Clinical Medicine: Case Reports 2009:2 39-42.
58. Onal C, Yuksel O, Topkan E, **Pehlivan B** : Bilateral glomus tumor treated with PET-CT based conformal radiotherapy: case report. Cases Journal 2009, 2:8402.
59. Atahan IL, Yıldız F, Ozyar E, **Pehlivan B**, Genç M, Köse M, Tulunay G, Ayhan A, Yuce K, Güler N, Kucukali T.: Radiotherapy in the adjuvant setting of cervical carcinoma: treatment, results, and prognostic factors. Int J Gynecol Cancer 2007, 17 (4): 813-820.
60. Garcia R, Bourhis J, **Pehlivan B**, Pichenot C, Alfonsi M.: Intensity modulated radiotherapy for cancers of the upper aerodigestive tract. Cancer Radiother 2007, 11(6-7):353-7.
61. **Pehlivan B**, Topkan E, Yavuz A.: Protontherapy in clinical use. Ege Tıp Dergisi, 50(1):1-6, 2011