

**ACADEMIC  
CURRICULUM VITAE**

**1. Name - Surname:** Niyazi Şentürk

**2. Title:** Dr.

**3. Educational Background:**

| Degree     | Department/Program              | University                       | Year |
|------------|---------------------------------|----------------------------------|------|
| Bachelor's | Biomedical Engineering          | Near East University             | 2021 |
| Master's   | Biomedical Engineering          | Near East University             | 2018 |
| PhD        | Information Systems Engineering | Eastern Mediterranean University | 2016 |

**4. Master's / PhD Thesis**

**4.1. Master's Thesis Title:** Developing an Online Portal for Unraveling Genomic Signature of Archaic DNA that are Related to Modern Human Genetic Disease.

**4.2. PhD Thesis Title:** *BRCA* Variations Risk Assessment in Breast Cancers using Different Artificial Intelligence Models

**5. Academic Titles:**

Date of Assistant Professorship:

Date of Associate Proferssorship:

Date of Professorship:

**6. Supervised Master's and PhD Theses:**

**6.1. Master's Theses**

**6.2. PhD Theses**

**7. Publications**

**7.1. Articles Published in International Peer-Reviewed Journals (SCI,SSCI, AHCI, ESCI, Scopus)**

- Küçükçiloğlu, Y., Şekeroğlu, B., Adalı, T., & **Şentürk, N.** (2023). Prediction of osteoporosis using MRI and CT scans with unimodal and multimodal deep-learning models. Diagnostic and Interventional Radiology (Ankara, Turkey). **(SCIE)**
- Nurçin, F. V., **Şentürk, N.**, Imanov, E., Thalmann, S., & Fagg, K. (2023). Automated Tasmanian devil segmentation and devil facial tumour disease classification. Wildlife Research. **(SCIE)**
- “BRCA Variations Risk Assessment in Breast Cancers Using Different Artificial Intelligence Models”, Genes, Vol. 12(11) 1774. (2021) (**Niyazi Şentürk**, Gulten Tuncel, Berkcan Dogan, Lamiya Aliyeva, Mehmet S. Dünder, Sebnem Sag, Gamze Mocan, Sehime G. Temel, Munis Dunder, Mahmut Çerkez Ergören) **(SCIE)**
- “Online medicine tracking system of pharmacy’s in North Cyprus”, Cyprus journal of Medical Sciences, Vol. 6(3), pp. 244-248. (2021) (**Niyazi Şentürk**)
- “Developing an online portal for determining the genomic signature of Archaic DNA that are associated to modern human genetic diseases: A meta-analysis study”, The Eurasian Journal of Medicine, Vol. 52(2), pp. 153-160. (2020) ( **Niyazi Şentürk**, Mahmut Çerkez Ergören)
- “Developing an in silico analysis portal for unrevealing genomic signature of Archaic DNA that are related to modern human genetic diseases”, Journal of Biotechnology, Vol. 256, pp.53-54. (2017) (**Niyazi Senturk**, Mahmut Cerkez Ergoren)
- “Evaluating Cancer Treatment Alternatives using Fuzzy PROMETHEE Method”, International Journal of Advanced Computer Science and Applications, Vol. 8, pp. 177-182 (2017) (Dilber Uzun Ozsahin, Berna Uzun, Musa Sani Musa, Abdulkader Helwan, Chidi Nwekwo Wilson, Fatih Veysel Nurçin, **Niyazi Şentürk**, Ilker Ozsahin)
- “Evaluating nuclear medicine imaging devices using fuzzy PROMETHEE method”, Procedia Computer Science, Vol. 120, pp. 699-705 (2017) (Dilber Uzun Ozsahin, Berna Uzun, Musa Sani Musa, **Niyazi Şentürk**, Fatih Veysel Nurçin, Ilker Ozsahin)

## 7.2. Articles Published in Other International Peer-Reviewed Journals

## 7.3. Papers Presented at International Scientific Conferences and Published in Conference Proceedings

- **Niyazi Senturk** and Mahmut Cerkez Ergoren. How Neanderthal are you? In silico model-based analysis of Introgressed Neanderthal Ancestry in modern humans. Second

International Biomedical Engineering Congress (IBMEC 2018) 24th-27th May 2018 Nicosia, Cyprus

- **Senturk N** and Ergoren MC. Developing an in silico analysis portal for unrevealing genomic signature of Archaic DNA that are related to modern human genetic diseases Journal of Biotechnology Volume 256, Supplement, Pages S1-S116 (30 August 2017)

#### 7.4. National/international Books or Book Chapters

#### 7.5. Articles Published in National Peer-Reviewed Journals

### 8. Art and Design Activities

### 9. Projects

### 10. Administrative Responsibilities

### 11. Memberships in Scientific and Professional Organizations

### 12. Awards

2021 Near East University Science Award

### 13. Undergraduate and Graduate Courses Taught in the Last Two Years

| Academic Year | Semester                     | Course Name                        | Weekly Hours |           | Number of Students |
|---------------|------------------------------|------------------------------------|--------------|-----------|--------------------|
|               |                              |                                    | Theoretical  | Practical |                    |
| 2021 - 2022   | Fall                         | Biomedical Sensors                 | 4            | 2         |                    |
|               | Fall                         | Bioinformatics                     | 3            | 2         |                    |
|               | Fall                         | Biyomedikal Enstürmantasyon I      | 4            | 2         |                    |
|               | Spring                       | Biyolojik Sistemlerin Modellenmesi | 4            | 2         |                    |
|               | Spring                       | Biyoinformatik                     | 3            | 2         |                    |
|               | Spring                       | Staj II                            | 2            | -         |                    |
|               | Spring                       | Elektromanyetik Teoriler           | 4            | -         |                    |
|               | Spring                       | Staj I                             | 2            | -         |                    |
|               | Spring                       | Biyoistatistik                     | 4            | -         |                    |
|               | Summer                       | Biomedical Sensor                  | 4            | 2         |                    |
| Summer        | Biomedical Instrumentation I | 4                                  | 2            |           |                    |
| 2022 - 2023   | Fall                         | Biomedical Sensors                 | 4            | 2         |                    |
|               | Fall                         | Bioinformatics                     | 3            | 2         |                    |
|               | Fall                         | Biyomedikal Enstürmantasyon I      | 4            | 2         |                    |
|               | Fall                         | Biyomedikal Sinyal İşleme          | 4            | -         |                    |
|               | Fall                         | Biyomedikal Sensörler              | 4            | 2         |                    |
|               | Fall                         | Staj I                             | 2            | -         |                    |
|               | Fall                         | Staj II                            | 2            | -         |                    |
|               | Spring                       | Biyolojik Sistemlerin Modellenmesi | 4            | 2         |                    |
|               | Spring                       | Biyoinformatik                     | 3            | 2         |                    |

Update date: DD/MM/YYYY

|  |               |                          |   |   |  |
|--|---------------|--------------------------|---|---|--|
|  | <b>Spring</b> | Biyoistatistik           | 4 | - |  |
|  | <b>Spring</b> | Elektromanyetik Teoriler | 4 | - |  |
|  | <b>Spring</b> | Bioinformatics           | 3 | 2 |  |
|  | <b>Summer</b> | Bioinformatics           | 3 | 2 |  |
|  | <b>Summer</b> | Biostatistics            | 4 | - |  |