

## CV

1. Name Surname : Terin Adalı
2. Date of Birthday : 17.11.1960
3. Title : Prof. Dr.
4. Affiliation : Girne American University

Degree	Department	University	Year
Bachelor of Science	Chemistry	Middle East Technical University	1984
Master of Science	Chemistry	Eastern Mediterranean University	1996
Doctor of Philosophy	Chemistry	Eastern Mediterranean University	2007
Doctor of Philosophy	Educational Administration and Supervision	Girne American University	In Progress

### 5. Academic Titles

Assistant Professor Doctor: 2007  
Associate Professor Doctor: 2014 (Biomedical Engineering)  
Professor: 2020 (Biomedical Engineering)

### 6. Supervised Master of Science and Doctor of Philosophy Thesis

#### 6.1. Master of Science Thesis

**6.1.1-Terin Adalı (Supervisor )**, Near East University, Institute of Educational Sciences, Management, Supervision, Economics and Planning of Education Department, Master of Science, **ORTAÖĞRETİM OKULLARINDA YARATICI ÖRGÜT KÜLTÜRÜNÜ OLUŞTURAN YÖNETİCİ TUTUMLARI (KKTC Örneği)**, Zenal Sözcün, February (2010).

**6.1.2-Terin Adalı (Supervisor)**, Near East University, Institute of Educational Sciences, Management, Supervision, Economics and Planning of Education Department, Master of Science, **MODÜLER EĞİTİM SİSTEMİ'NİN ÇOKLU ZEKA KURAMI İLE UYGULANMASI: OKUL ÖNCESİ EĞİTİM (KKTC Örneği)**, Buket Aktuç. (2011)

**6.1.3-Terin Adalı (Supervisor), Nagib Elmarzugi (Co-supervisor)** Near East University, Graduate School of Applied Science, Department of Biomedical Engineering, Master of Science, **CONFORMATIONAL CHANGES AND SPECTROSCOPIC STUDY OF POLYETHYLENE GLYCOL AND CALF THYMUS DNA COMPLEX**. Ali M. Bentaleb.(2012)

**6.1.4- Terin Adalı (Supervisor)**, Near East University, Graduate School of Applied Science, Department of Biomedical Engineering, Master of Science, **NON-THROMBOGENIC SILK FIBROIN /N, N' METHYLENE DIACRYLAMIDE SCAFFOLDS**, Safwan Mohammad Ali Hassan. (2013)

**6.1.5- Terin Adalı (Supervisor),** Near East University, Graduate School of Applied Science, Department of Biomedical Engineering, Master of Science, **SILK FIBROIN/N, N’ METHYLENE DIACRYLAMIDE BLEND FILMS.** Ali Faisal Majeed Almansor. (2013).

**6.1.6- Terin Adalı (Supervisor),** Near East University, Graduate School of Applied Sciences, Department of Biomedical Engineering, Master Program, **ELECTRICALLY CONDUCTIVE SILK FIBROIN / GLYCERINE / POLYPYRROLE BIOFILMS FOR BIOMEDICAL APPLICATIONS.** Eyyup Kavalcı. (2014).

**6.1.7 Terin Adalı (Supervisor),** Near East University, Graduate School of Applied Sciences, Department of Food Engineering, Department of Food Engineering, Master of Science, **PESTICIDE RESIDUES IN GROUND WATER OF NORTHERN CYPRUS.** Beste Oymen. (2014).

**6.1.8 Terin Adalı (Supervisor), Kaya Süer (Co-supervisor),** Near East University, Graduate School of Applied Sciences, Department of Biomedical Engineering, Master of Science, **ANTI-MICROBIAL ACTIVITY OF CHITOSAN – SEA URCHIN BIOCERAMIC FOR TISSUE ENGINEERING APPLICATIONS.** Deborah Osi-Goyeyi Francis. (2015).

**6.1.9 Terin Adalı (Supervisor),** Near East University, Graduate School of Applied Sciences, Department of Biomedical Engineering, Master Program, **PREPARATION AND CHARACTERIZATION OF SILK FIBROIN / CIPROFLOXACIN SCAFFOLDS.** Emmanuel Olaoluwa Mayegun - Adeola (2015).

**6.1.10 Terin Adalı (Supervisor), Hüseyin Kaya Süer (Co-supervisor),** Near East University, Graduate School of Applied Sciences, Department of Biomedical Engineering, Master Program, **ANTIMICROBIAL PROPERTIES OF SILK FIBROIN MICROPARTICLES.** Chidi Wilson Nwekwo. (2016).

**6.1.11 Terin Adalı (Supervisor), Murat Uncu (Co-supervisor)** Near East University, Graduate School of Applied Sciences, Department of Biomedical Engineering, Master Program, **BLOOD COMPATIBILITY STUDIES OF SILK FIBROIN / ETHYLENE GLYCOL DIMETHACRYLATE BIOFILMS.** Vivian Chisom Okafor. (2016).

**6.1.12 Terin Adalı (Supervisor),** Near East University, Graduate School of Applied Sciences, Department of Biomedical Engineering, Master Program, **SWELLING PROPERTIES OF BLENDED SILK FIBROIN BIOFILMS,** Akpobome Abijah Uyoh (2016).

**6.1.13 Terin Adalı (Supervisor),** Near East University, Graduate School of Applied Sciences, Department of Biomedical Engineering, Master Program, **IRON (III) ABSORPTION OF BLENDED SILK FIBROIN MICROPARTICLES,** Lewis Odje Goru (2016).

**6.1.14 Terin Adalı (Supervisor),** Near East University, Graduate School of Applied Sciences, Department of Biomedical Engineering, Master Program, “ **SYNTHESIS AND CHARACTERIZATION OF CHITOSAN MICROPARTICLE AND BLOOD COMPATIBILITY STUDIES**”, Binta Yahaya Lawan (2017).

**6.1.15 Terin Adalı (Supervisor)**, Near East University, Graduate School of Applied Sciences, Department of Biomedical Engineering, Master Program, “**ANTIMICROBIAL ACTIVITY AND HEMOCOMPATIBILITY OF CHITOSAN COATED SILK FIBROIN MICRO-PARTICLES**”, Pwadubashiyi Coston Pwavodi (2017).

**6.1.16 Terin Adalı (Supervisor)**, Near East University, Graduate School of Applied Sciences, Department of Biomedical Engineering, Master Program, “**CHARACTERIZATION, SOLUBILITY, HEMOCOMPATIBILITY TESTS OF POLYETHYLENE GLYCOL DIMETHACRYLATE COATED SILK FIBERS**”, Fatma Zor (2017).

**6.1.17 Terin Adalı (Supervisor)**, Near East University, Graduate School of Applied Sciences, Department of Biomedical Engineering, Master Program, “**GEOGRAPHIC MAPPING OF GROUND WATER IN NORTHERN CYPRUS**”, Hüseyin Uzunkoşar (2018).

**6.1.18 Terin Adalı (Supervisor)**, Near East University, Graduate School of Applied Sciences, Department of Biomedical Engineering, Master Program (Non-thesis), “**ORGANIZATION OF VETERINARY CLINIC VIEW OF BIOMEDICAL ENGINEERING**”, Alper Yousouf (2018).

**6.1.19 Terin Adalı (Supervisor)**, Near East University, Graduate School of Applied Sciences, Department of Biomedical Engineering, Master Program, “**SYNTHESIS AND CHARACTERIZATION OF SILK FIBROIN / CHITOSAN / EGG SHELL HYBRID SCAFFOLD AND BIOFILM**”, Leila Karimizarandi (2018).

**6.1.20 Terin Adalı (Supervisor)**, Near East University, Graduate School of Applied Sciences, Department of Biomedical Engineering, Master Program, “**A NOVEL CREATININE BIOSENSOR MODIFIED WITH PURE SILK FIBROIN BASED ON PENCIL GRAPHITE ELECTRODE (PGE)**”, Ubong Lois Abia (2018).

**6.1.21 Terin Adalı (Supervisor), Ayşe A. Sarıoğlu (Co-supervisor)**, Near East University, Graduate School of Applied Sciences, Department of Biomedical Engineering, Master Program, “**DESIGN OF A H5N1 ELECTROCHEMICAL BIOSENSOR**”, Alemu Abibi Mekonen (2019).

**6.1.22 Terin Adalı (Supervisor)**, Near East University, Institute of Graduate Studies, Department of Biomedical Engineering, Master of Science Program, “**BIOCOMPATIBILITY STUDIES OF LAYER-BY-LAYER POLYELECTROLYTE COMPLEXES FOR BIOMEDICAL APPLICATIONS**”, Mthabisi T. G. Moyo (2020).

**6.1.23 Terin Adalı (Supervisor)**, Near East University, Institute of Graduate Studies, Department of Biomedical Engineering, Master of Science Program, “**IN-VITRO VIABILITY ANALYSIS OF BREAST CANCER MCF-7 CELLS BY USING PULLULAN-ACETYL SALICYLIC ACID AND SILK FIBROIN-ZCETYL SALICYLIC ACID MICRO/NANOPARTICLES.**” Maryama Chama (2020).

**6.1.24 Terin Adalı (Supervisor)**, Near East University, Institute of Graduate Studies, Department of Biomedical Engineering, Master of Science Program, “**BIBLIOMETRIC ANALYSIS OF THERANOSTIC NANOPARTICLES FOR CANCER APPLICATIONS**” Abdullah Rafi Shtaiyat (2020).

**6.1.25 Terin Adalı (Supervisor).** Near East University, Institute of Graduate Studies, Department of Biomedical Engineering, Master of Science Program, **“BIBLIOMETRIC ANALYSIS OF LIVER TUMOR DETECTION WITH ARTIFICIAL INTELLIGENCE IN NUCLEAR MEDICINE”** Valarie Oru Agbor (2021).

**6.1.26 Terin Adalı (Supervisor),** Boran Şekeroğlu (Co-supervisor). Near East University, Institute of Graduate Studies, Department of Biomedical Engineering, Master of Science Program, **“AUTOMATIC PRIMARY HEPATIC TUMORS SEGMENTATION IN CT IMAGES USING CONVOLUTIONAL NEURAL NETWORKS”**, Khalid Hani Abushahla (2022).

**6.1.27 Terin Adalı (Supervisor),** Near East University, Institute of Graduate Studies, Department of Biomedical Engineering, Master of Science Program, **“BIBLIOMETRIC ANALYSIS OF AUTONOMIC PHARMACOLOGY IN BIOMEDICAL ENGINEERING RESEARCH”**, Maram Arto (2022).

**6.1.28 Terin Adalı (Supervisor),** Near East University, Institute of Graduate Studies, Department of Biomedical Engineering, Master of Science Program, **“ARTIFICIAL INTELLIGENCE APPLICATION TO DENTAL IMPLANTS”**, Gabriel Ayuk Ndifon (2023).

**6.1.29 Terin Adalı (Supervisor) )** Near East University, Institute of Graduate Studies, Department of Biomedical Engineering, Master of Science Program, **“Bibliometric Studies of Application of Artificial Intelligence on Metabolic Syndrome”**, Tatenda Marata (2023).

**6.1.30 Terin Adalı (Supervisor)** Near East University, Institute of Graduate Studies, Department of Biomedical Engineering, Master of Science Program, **“STEM CELL – NATURAL BIOPOLYMERS INTERACTION ANALYSIS IN TISSUE ENGINEERING AND REGENERATIVE MEDICINE”**, Farah S. Masoud Ghathi (2024).

## **6.2. Doctor of Philosophy**

**6.2.1 Terin Adalı (Supervisor), Rasime Kalkan (Co-supervisor),** Near East University, Graduate School of Applied Sciences, Department of Biomedical Engineering, Doctorate program, **“Anticoagulation Activity of Silk based Injectable Hydrogels”**, Chidi Wilson Nwekwo (2021).

**6.2.2 Pınar Tulay (Supervisor), Terin Adalı (Co-supervisor),** Near East University, Graduate School of Applied Sciences, Department of Biomedical Engineering, Doctorate program, **“*In vitro* MCF-7 Cells Apoptosis Analysis of Carboplatin Loaded Silk Fibroin Microparticles”**, Nanyak Galam (2020).

**6.2.3 Terin Adalı (Supervisor),** Near East University, Graduate School or Applied Sciences, Department of Biomedical Engineering, Doctorate program, **“Alzheimer’s Disease Targeted Nano-Based Drug Delivery Systems”**, Gülcem Altınoğlu (2021)

**6.2.5 Terin Adalı (Supervisor),** Near East University, Graduate School of Applied Sciences, Department of Biomedical Engineering, Doctorate program, **“Injectable hydrogel for Retinal Disease Therapy”**, Kassahun Alula Akulo (2022)

**6.2.6 Terin Adalı (Co-Supervisor), Pinar Tulay (Supervisor)** Near East University, Institute of Graduate Studies, Department of Biomedical Engineering, Doctorate Program, **“Gellan Gum Based Hydrogels for Cell Culturing”**, Mthabisi Talent George Moyo (In progress).

**6.2.7 Terin Adalı (Co-Supervisor), Süleyman Aşır (Supervisor)** Near East University, Institute of Graduate Studies, Department of Biomedical Engineering, Doctorate Program, **“Design of an Electrochemical Biosensor for Detection of Vitamin D”**, Valarie Oru Agbor (In progress)

## **7. Scientific Papers**

### **7.1. SCI, SCIE, SSCI, Arts and Humanities**

**7.1.1 Yılmaz E., Adalı T., Yılmaz O., Bengisu M., ‘Grafting of Poly(Triethylene glycol dimethacrylate) onto chitosan by ceric ion initiation.’** Reactive and Functional Polymers, 67,(2007) 10-18.

**7.1.2 Adalı T., Haydar A., “Neural Network Applied to Multifunctional Materials”,** Journal of Optoelectronics and Advance Materials, Vol. 9, No.6, (2007), 1618-1622

**7.1.3 Adalı T., Yılmaz E., “Synthesis/Characterization, Biodegradability and Biocompatibility Studies of Chitosan-graft-poly(EGDMA)”**, Carbohydrate Polymers, (2009) 77(1), pp 136-141.

**7.1.4 Adalı T., “Synthesis and Characterization of noncytotoxic and biodegradable polymethacrylates grafted chitosan gels”**. Biomedical Materials and Engineering, 23 (2013) 349-359.

**7.1.5 Adalı T., Bentaleb A., Elmarzugi N., Hamza A. M., “PEG-calf thymus DNA interactions: Conformational, morphological and spectroscopic thermal studies”,** Journal of Biological Macromolecules, 61 (2013) 373-378.

**7.1.6 Elmarzugi, N. A., Adalı T., Bentaleb A. M., Mohamed A.T., Hamza A. M. “Spectroscopic characterization of PEG-DNA biocomplexes by FTIR”,** Journal of Applied Pharmaceutical Science, 4(8) (2014) 6-10.

**7.1.7 Adalı T., Uncu M., “Silk fibroin as a non-thrombogenic Biomaterial”,** J. Biol. Macromol., 90 (2016) 11-19.

**7.1.8 Pinar Tulay, NanyakGalam, Terin Adalı, “The Wonders of Silk Fibroin Biomaterials in the Treatment of Breast Cancer”,** CriticalReviews™ in Eukaryotic Gene Expression, 28 (2), P. 129-134 (2018).

**7.1.9 Rasime Kalkan, Chidi Wilson Nwekwo, Terin Adalı, “The usage of Scaffolds in Cartilage Regeneration”,** CriticalReviews™ in Eukaryotic Gene Expression, 28(4) 343 – 348. DOI: 10.1615/CritRevEukaryotGeneExpr.2018024574 (2018).

**7.1.10 Terin Adalı, Rasime Kalkan, Leila Karimizarandi, “The chondrocyte cell proliferation of a chitosan/silk fibroin/eggshell membrane hydrogels.”** International Journal of Biological Macromolecules 124, P. 541 – 547 (2019).

7.1.11 Ehsan Bahramzadeh, Elvan Yilmaz, Terin Adali, *Chitosan-graft-poly(N-hydroxyethylacrylamide) copolymers: Synthesis, characterization and preliminary blood compatibility in vitro*. International Journal of Biological Macromolecules, 123, P. 1257 - 1266 (2019).

7.1.12 Gulcem Altinoglu, Terin Adali, **Alzheimer's Disease Targeted Nano-Based Drug Delivery Systems**, Current Drugs Targets, 21(2) (2019).

7.1.13 Nanyak Galam, Pinar Tulay, Terin Adali, **In vitro MCF-7 Cells Apoptosis Analysis of Carboplatin loaded Silk Fibroin Particles**. Molecules, Molecules, 25(5), 1110.

7.1.14 Chidi Wilson Nwekwo, Rasime Kalkan, Terin Adali (2021) **The suitability of Silk Fibroin Based Biofilms for Cartilage Tissue Engineering**. Cyprus Journal of Medical Sciences, 6(2), 124-128.

7.1.15 Kassahun Alula Akulo, Terin Adali, Mthabisi Talent George Moyo, Tulin Bodamyali (2022) **"Intravitreal Injectable Hydrogels for Sustained Drug Delivery in Glaucoma Treatment and Therapy"**. Polymers, 14 (12) 2359.

7.1.16 Kassahun Alula Akulo, Terin Adali, Oguzhan Edebal (2022) **"Preparation characterization and blood compatibility studies of Silk Fibroin / Gelatin / Curcumin Injectable Hydrogels."** Bio-Medical Materials and Engineering, 34 (1) 1-17.

7.1.17 Yasemin Küçükciöğlu, Boran Şekeroğlu, Niyazi Şentürk, Terin Adalı (2024) **"Prediction of Osteoporosis Using MRI and CT Scans with Unimodal and Multimodal Deep Learning Models"**. Diagnostic and Interventional Radiology, 30(1) 9-20. DOI: 10.4274/dir.2023.232116.

7.1.18 M.T.G. Moyo, T. Adali, O.H. Edebal, E. Bayır, A. Şendemir (2023) **"Hemocompatibility Studies of Layer-by-Layer Polyelectrolyte Complexes for Bio-based Polymers."** Materials and Technology, 57(5) 525. DOI: 10.17222/mit.2023.922.

7.1.19 M.T.G. Moyo, T. Adali, Pinar Tulay (2024) **"Exploring gellan gum-based hydrogels for regenerating human embryonic stem cells in age-related macular degeneration therapy: A literature review."** Regenerative Therapy 26 (2024) 235 -250. DOI: 10.1016/j.reth.2024.05.018.

## 7.2. Papers published in International Journals

7.2.1 Adali T., Silman F. **"Assessing Team Leader Effectiveness in Higher Education Institution of North Cyprus"**. Procedia-Social and Behavioural Science, 1(2009) 2073-2076.

7.2.2 Adali T. **"Accreditation in e-Learning: North Cyprus Higher Education case"**. Procedia-Social and Behavioural Science, 1 (2009) 2077-2080.

7.2.3 Adali T., Sekeroglu B., **"Analysis of microRNAs by Neural Networks for Early Detection of Cancer."** Procedia Technology, 1 (2012) 449-452.

7.2.4 Mekonen A.A., Abebe S.A., Adali T., **“Microfluidics Devices Manufacturing and Biomedical Applications”**, Journal of Biosensors & Bioelectronics (2019) 10: 1, P:1-9. DOI: 10.4172/2155-6210, 1000265.

### **7.3. International Conferences, Cogress and Symposium Presentations and publications.**

7.3.1 Nagash, H. J., Adali T., Hacıoglu B., Yagci Y., Okay O., **‘Gel formation in Free-radical crosslinking copolymerization.’** Europhysics Conference on Gels, P79 (1995).

7.3.2 Adali T., Hacıoglu B., **‘Network formation in free-radical polymerization.’** Turkish Spoken Countries 4th Polymer symposium., S50 (1996).

7.3.3 Adali T., Hacıoglu B., **‘Divinyl Loop formation in vinyl - divinyl copolymerization.’** 36th IUPAC Congress, P76 (1997).

7.3.4 Adali T., Haydar A., **‘Monitoring High-Speed photopolymerization of HEMA by using Real-Time Recurrent Neural Network.’** P82, IX th International Symposium of Biomedical Science and Technology Congress, (2002)

7.3.5 Adali T., Yılmaz E., **‘Grafting of Methacrylic Acid on to Chitosan.’** 6th International Conference of the European Chitin Society, Poland (2004).

7.3.6 Adali T., Haydar A., **‘Application of Neural Networks for Biotechnology.’** 1st International Symposium on Information Technologies, S32 (2005).

7.3.7 Adali T., Dogan H., **‘Connectivism Learning Theory Applied to Instructional Design’**, 6th International Educational Technologies Conference, S16, April 2005.

7.3.8 Adali T., Haydar A., **‘Neural Networks applied to Multifunctional Polymers.’** Romanian Conference on Advance Materials, September 2006.

7.3.9 Adali T., Yılmaz E., **‘Biodegradability and dissolution studies on Ethylene Glycol Dimethacrylate Crosslinked Poly(2-Hydroxyethyl Methacrylate)-graft-Chitosan.’** European Polymer Conference, Slovenia, June 2007 ,14.

7.3.10 Adali T., Haydar A., **“A Role of Pedagogical agents on Virtual Learning Environment”**, 2<sup>nd</sup> International Conference on Innovations in Learning for the Future 2008:e-learning. 27 March 2008.

7.3.11 Adali T., Haydar A., **“Application of Self Organizing Feature Maps (SOFM) in creating Group Profile Agents of Intelligent Tutoring System Architecture.”** 2<sup>nd</sup> International Computer and Instructional Technologies Symposium, P12-19 (2008).

7.3.12 Adali T., Doğan H., **“Globalization and Distance Education”**, International Symposium on Globalization As A Source of Conflict or Cooperation”, 14 May 2008 Turkish Republic of Northern Cyprus.

7.3.13 Adali T., Yılmaz E., Yalınca Z., **“Iron(III) Ion Adsorption on Polymethacrylate Grafted Chitosan Beads.”** 15<sup>th</sup> International Biomedical Science and Technology Symposium, 2009.

7.3.14 **T. Adali**, E. Yilmaz, Z. Yalinca, **“Iron (III) Ion Adsorption on Polymethacrylate Grafted Chitosan Beads”**, BIOMED 2009 15th International Biomedical Science and Technology Symposium, 16-19 August 2009, Middle East Technical University Northern Cyprus Campus, Güzelyurt, North Cyprus. 13.

7.3.15 **Adali T.**, Taneri B., **“Alternative Splicing and Human Embryonic Stem Cells”**, BEC 2010-5<sup>th</sup> International Bioengineering Conference, June 2010.

7.3.16 **Adali T.**, **“Chitosan and its derivatives for BioMEMS Applications.”**, International Symposium on Advances in Applied Mechanics and Modern Information Technology (Proceedings), (2011), 69-73.

7.3.17 Elmarzugi N., BenTaleb A., Hamza A., Lila A., **Adali T.**, **“Conformational Changes and Spectroscopic Study of Polyethylene Glycol and ctDNA Biocomplexes in Various environment Conditions”**. 4th International Conference on Biotechnology for the Wellness Industry” Wellness and Productivity: New Trends Challenges and Opportunity. Malesia. (2012).

7.3.18 Hamza A., BenTaleb A., Alsabry S., Elmarzugi N., Issa Y., **Adali T.**, **“FTIR Spectroscopic study of polyethylene glycol and calf thymus DNA complex in different incubation time.”** 4th International Conference on Biotechnology for the Wellness Industry” Wellness and Productivity: New Trends Challenges and Opportunity. Malesia.(C1-11) (2012).

7.3.19 **Adali T.**, Uncu M., **“Non-thrombogenic Silk Fibroin-graft-Poly(TriEGDMA) Biofilms.”** European Biotechnology Congress 2013, Slovakia. Journal of Current Opinions in Biotechnology, Volume 24, Supplement 1, S47.

7.3.20 **Adali T.**, Kavalci E., **“Electrically Conductive Silk Fibroin / Glycerine / Polypyrrol Biofilms For Biomedical Applications.”** European Biotechnology Congress 2014, Italy, Journal of Biotechnology (2014).

7.3.21 **Adali T.**, **“Silk Fibroin as a Non-Thrombogenic Biomaterial”** International Biomedical Engineering Congress, North Cyprus, 2015, P. 51.

7.3.22 Conkbayır C., **Adali T.**, Özgöçmen C., **“Modelling of the rate of Blood flow throuh Cardiovascular System”** International Biomedical Engineering Congress, North Cyprus, 2015, P. 69

7.3.23 **Adali T.**, Kaba. S., Uncu M., **“Blood Compatibility Properties of Silk Fibroin / N’N Methylene Diacrylamide Biofilms”** International Biomedical Engineering Congress, North Cyprus, 2015, P. 70

7.3.24 **Adali T.**, Suer, K., Francis D., Arikan A., **“Anti-Microbial of Chitosan-Sea Urchin Bioceramic for Tissue EngineeringApplications”** International Biomedical Engineering Congress, North Cyprus, 2015, P. 72

7.3.25 **Adali T.**, Suer K., Nwekwo C. W., Guler E., Ozdenefe M., **“Antimicrobial Activity of ilk Fibroin Micrparticles”** International Biomedical Engineering Congress, North Cyprus, 2015, P. 92.

7.3.26 **Adali T.**, Ugur B., Bulakbası N., **“Synthesis of Silk Fibroin - Folic Acid - Fe<sup>+3</sup> Nanoparticles for Molecular Imaging”** International Biomedical Engineering Congress, North Cyprus, 2015, P. 93



7.3.27 **Adali T.**, Kavalcı E., Kurt I., Muslu T., “**Silk Fibroin-Glycerine-Polypyrrole Biofilms for iomedical Applications**” International Biomedical Engineering Congress, North Cyprus, 2015, P. 94.

7.3.28 **Adali T.**, Suer K., Francis D., “**Antimicrobial properties of chitosan-sea urchin bioceramics for biomedical applications**”, VII. International Bioengineering Congress (BEC 2015), İzmir, Turkey, P 38.

7.3.29 Hasan UlaşYavuz, Pınar Tulay, Tolga Fuatlı, **TerinAdali**, “**Characterization studies of Silk Fibroin-eggshell Microparticles**”, Journal of Biotechnology, 256S (2017) S44-S116.

7.3.30 **Terin Adali**, Pwadubashiyi Coston Pwavodi, Emrah Guler, Kaya Suer, “**Antimicrobial Activity of Chitosan Coated Silk Fibroin Micro-Fibers**”, Journal of Biotechnology, 256S (2017) S44-S116.

7.3.31 FatmaZor, Rasime Kalkan, Eda Becer, Tamer Sanlıdag, **Terin Adali**, “**Blood Compatibility Studies of Silk Fibroin-Polyethylene Glycol DimethacrylateMicrfibers**”, Journal of Biotechnology, 256S (2017) S44-S116.

7.3.32 **Terin Adali**, Leila Karimizarandi, Chidi Wilson Nwekwo, Dudu Özkum Yavuz, “**Synthesis and Characterization of Silk Fibroin Microparticles Containing Linseed Oil**”, 3rd Mediterranean Symposium on Medicinal and Aromatic Plants (MESMAP-3), 2017 North Cyprus.

7.3.33 **(INVITED Talk) Terin Adali**, “**Antimicrobial and Blood Compatibility Studies on Modified Silk Fibroin**”, European Materials on Nanotechnology (EMN) Milano Meeting, 14-18 August 2017.

7.3.34 **Adali T.**, “**Accreditation Processes: Case Study: NEU Biomedical Engineering ASIIN & EUR-ACE**”, 2nd International Biomedical Engineering Congress (IBMEC-2018), North Cyprus, P. 89, 2018.

7.3.35 Galam N., **Adali T.**, Tulay P., “**Synthesis and Characterization of Silk Fibroin-Carboplatin Nanoparticles**”, 2nd International Biomedical Engineering Congress (IBMEC-2018), North Cyprus, P. 112, 2018.

7.3.36 Oymen B., **Adali T.**, Haydar T., “**Endocrine Disrupting Chemicals In Ground Water of North Cyprus**”, 2nd International Biomedical Engineering Congress (IBMEC-2018), North Cyprus, P. 113, 2018.

7.3.37 Kalkan R., Nwekwo, C. W., **Adali T.**, “**The Effects of Silk Fibroin Based Biofilms for Cartilage Tissue Engineering**”, 2nd International Biomedical Engineering Congress (IBMEC-2018), North Cyprus, P. 116, 2018.

7.3.38 Kalkan R., Karimizarandi L., **Adali T.**, “**Evaluation of the Cell Proliferation Activity of a CHITOSAN/EGGSHELL/SILK FIBROIN for Tissue Engineering**”, 2nd International Biomedical Engineering Congress (IBMEC-2018), North Cyprus, P. 120, 2018.

7.3.39 Abia L. U., **Adali T.**, Aşır S., Özsöz M., “**A Novel Creatinine Biosensor Modified With Pure Silk Fibroin Based on Pencil Graphite Electrode (PGE)**”, 2nd International Biomedical Engineering Congress (IBMEC-2018), North Cyprus, P. 130, 2018.

7.3.40 Kavalcı E., Adali T., “Electrically Conductive, Biodegradable and Modified Silk Fibroin Blend Biofilms”, 2nd International Biomedical Engineering Congress (IBMEC-2018), North Cyprus, P. 131, 2018.

7.3.41 Karimizarandi L., Adali T., Yavuz U., “Platelet Adhesion Studies on Silk Fibroin / Egg Shell Blended scaffolds and Films”, 2nd International Biomedical Engineering Congress (IBMEC-2018), North Cyprus, P. 132, 2018.

7.3.42 Coston P.P., Adali T., Suer K., Guler E., “Antimicrobial Activity of Chitosan Coated Braided Silk Fibroin Micro-Fibers”, 2nd International Biomedical Engineering Congress (IBMEC-2018), North Cyprus, P. 133, 2018.

7.3.43 Bahramzadeh E., Yılmaz E., Adali T., “Chitosan-g-Poly(N-Hydroxy Ethyl Acrylamide) Copolymers: Synthesis, Characterization, Anticoagulant Activity”, 2nd International Biomedical Engineering Congress (IBMEC-2018), North cyprus, P. 148, 2018.

7.3.44 Altinoğlu G., Oymen B., Başer K.H.C., Adali T., “Encapsulation of Rose Oil in Silk Fibroin Microparticles: Synthesis and Characterization”, 2nd International Biomedical Engineering Congress (IBMEC-2018), North cyprus, P. 151, 2018.

7.3.45 Akulo K., Fisseha R., Umar A. U., Moyo M.T. G., Adali T., “Bilayer & TriLayer Alginate and Silk Fibroin Biofilms: Synthesis, Characterization and Platelet Adhesion Studies”, 2nd International Biomedical Engineering Congress (IBMEC-2018), North cyprus, P. 153, 2018.

7.3.46 Adali T., Yavuz D. O., “Silk Fibroin Microparticles Containing Linseed Oil”, 2nd International Biomedical Engineering Congress (IBMEC-2018), North Cyprus, P. 154, 2018.

7.3.47 Uzunkoşar H., Adali T., “Geographic Mapping of Ground Water Database System In North Cyprus”, 2nd International Biomedical Engineering Congress (IBMEC-2018), North cyprus, P. 160, 2018.

7.3.48 T. Adali, P. Tulay, G. Altinoglu, “Micro-encapsulation of anticancer drug carboplatin in silk fibroin and chitosan nano/microparticles as a breast cancer treatment”, PP-APR12-054, Journal of Biotechnology 3055 (2019) S33 – S88.

7.3.49G. Altinoglu, T. Adali, P. Tulay, “Silk fibroin-encapsulated ibuprofen micro-particles: synthesis, characterization, and anticancer activity.” PP-APR12-055, Journal of Biotechnology 3055 (2019) S33 – S88.

7.3.50 T. Adali, A. Abibi, A. Arian, T. Sanlidag, “Synthesis and Electrochemical Characterization of Silk Fibroin Micro / Nano Particles”, PP\_APR11-027, Journal of Biotechnology 3055 (2019) S33 – S88.

7.3.51 Terin Adali, İhsan Çalış, Chidi W. Nwekwo, Erdal Sanlıdag, Azmi Hanoglu, “Anticoagulant Activities of Silk Fibroin / Curcumin Based Injectable Hydrogels”, 24th International Biomedical Science & Technology Symposium 2019, Turkey P-16, P 117. (2019)

7.3.52 (Invited Speaker) Terin Adali, Alemu Abibi Mokenon, Ayşe Sarıoglu, Tamer Şanlıdag, “Silk based biosensor for AIV H5N1 Detection”, 24th International Biomedical Science & Technology Symposium 2019, Turkey, P 34 (2019).

7.3.53 **(Invited Speaker) Terin Adalı**, “Curcumin Loaded Pullulan nano/micro particles for In vitro apoptosis analysis of MCF-7 Breast Cancer Cells.”, Bio-Türkiye 2020.

7.3.54 **Terin Adalı**, Mthabisi Talent George Moyo, “ Blood Biocompatibility of Silk Fibroin Based Polyelectrolyte Complexes.” European Biotechnology Congress 2020.

7.3.55 **Terin Adalı (Attendance)**, International Symposium of cellular therapies and cancer from lab bench to clinic. (19-20 May 2021)

7.3.56 **Terin Adalı (Attendance)**, International Symposium of cellular Therapies and Regenerative Medicine from Lab bench to clinic. (21-22 May 2021)

7.3.57 **Terin Adalı (Attendance)**, International Online Ege Radiation Symposium (Intelligent Perspectives in Radiation Oncology) (27 May 2021)

7.3.58 **Terin Adalı (Attendance)**, Therapeutic advances in ophthalmology (EU for Health) (28 May 2012).

7.3.59 Mthabisi Talent George Moyo, **Terin Adalı**, Oğuzhan Edebal, Aylin Şendemir (2022) **Hemocompatibility studies of Layer – by – Layer Polyelectrolyte Complexes for Biobased Polymers**. 8th ICNTC (International Conference on New Trends in Chemistry) Conference 16 – 17 May 2022.

7.3.60 **Terin Adalı (2022)** “4D-Printed, Dynamic Materials in Biomedical Applications: Chemistry, challenges and Future Perspectives.” 4D ADDITIVE MANUFACTURING AND REGENERATIVE MEDICINE SYMPOSIUM”, (ONLINE) 4th of JULY 2022.

7.3.60 **(Invited Speaker), Terin Adalı** (2023) “Sustainable Development Goals: Strategies and Actions of NEU.” SDG SUMMIT, NEU (2023).

7.3.61 **Terin Adalı**, Fatoş Silman, Oya Ertoğruloğlu (2024) “ Sürdürülebilir Kalkınma Amaçlarının Tıp ve Sürdürülebilir Sağlık Hizmetleri Eğitim ve Öğretimlerine Entegrasyonu”, International Conference on Quality in Higher Education, 1-8 March 2024, Karadeniz Technical University, Türkiye.

#### 7.4. Papers published in National Journals

7.4.1 Birol C., **Adalı T.**, Sözü Z., “Yaratıcı Örgüt Kültürünü Oluşturan Yönetici Tutumlarına ilişkin Yönetici ve Öğretmen Görüşleri.” Atatürk Üniversitesi Kazım Karabekir Eğitim Fakültesi Dergisi / Journal of Kazım Karabekir Education Faculty, Sayı 20 (2010).

7.4.2 **Terin Adalı**, Zenal Sözü, Yaratıcı Örgüt Kültürünü Oluşturan Yönetici Tutumları, KKTC Milli Eğitim Bakanlığı, Eğitim Raporu, Mart 2010.

#### 7.5. Research Presentations and Papers published in National Congress and Symposium

7.5.1 **Adalı T.**, Yılmaz E., “Polimetakrilatların Kitosan Üzerine Aşılması”, National Polymer Congress, April 2008 Turkey.

**7.5.2 Adalı T., Yılmaz E., ‘Aşı Ürünlerin Biyobozunma Özellikleri’, XXII. National Chemistry Congress, October 2008 Turkey.**

**7.5.3 Altınoğlu G., Adalı T., ‘İpek Fibroin Proteini Kaplı İbuprofen Mikropartiküllerin Sentez ve Karakterizasyonu’, 23. BIOMED 2018, Türkiye, P.092.**

**7.5.4 (Invited Speaker) Adalı T., ‘Biyolojik Makromoleküllerde Biyouyumluluk Çalışmaları’, 23. BIOMED 2018, Türkiye, (2018).**

**7.5.5 Terin Adalı, ‘3D printing and Bioinks’, 3D Printing and Medical Applications, 05 June 2019, NEU Hospital Hall No: 101.**

## **8.0 Projects**

**8. 1 Hıfzı Doğan (Project Manager), Terin Adalı, Ali Haydar, Aytekin Işman, ‘Akıllı Ajanların e-öğretim Ders Yönetiminde Kullanımı’, May 2005-May 2007. KKTC Eğitim Bakanlığı, Yüksek öğrenimde Bilimsel Araştırmaları Destekleme Programı. (Tamamlandı).**

**8. 2 Terin Adalı ( Project Manager), Boran Şekeroğlu, ‘Early Detection of Prostate and Breast Cancer by using Unsupervised and Supervised Neural Networks’.(2010-2012). KKTC Eğitim Bakanlığı, Yüksek Öğrenimde Bilimsel Araştırmaları Destekleme Programı. (Tamamlandı).**

**8. 3- Terin Adalı (Coordinator), Ali Benthalep, Nagib Elmarzugli, ‘Conformational Changes and Spectroscopic Study of Polyethylene Glycol and Calf thymus DNA Complex’.Supported by National Medical Research Center ( Libya) (2011-2012).**

**8.4- SAG-2016-2-024 ‘Kreatin tayinine yönelik Enzim Temelli İpek Fibroin / Kitozan Hibrid Biyosensörünün Geliştirilmesi’ Project Supervisor: Prof. Dr. Terin Adalı, Researchers: Prof. Dr. Tamer Şanlıdağ, Ubong Lois Abia. (2016-2018)**

**8.5- SAG-2017-01-056 ‘Farklı Gözenek Boyutlarında 3B-İpek İskelesi ile Yapay Kıkırdak Yapısı Oluşturmak’ Proje Supervisor: Prof. Dr. Terin Adalı, Researchers: Prof. Dr. Rasime Kalkan, Chidi Wilson Nwekvo. (2017-2019)**

**8.6. SAG-2017-02- 096 ‘Karboplatin yüklü ipel fibroin parçacıkları ile meme hücrelerinde apoptotik ve antikanser potansiyeli çalışması’ Project Supervisor: Prof. Dr. Pınar Tulay, Co-supervisor: Prof. Dr. Terin Adalı; Researcher: Nanyak Galam (2017-2019).**

**8.7. SAG-2017-02- 015 ‘Influenza A H5N1 virüsü Tanısında İpek Fibroin Nano parçacık Tabanlı Direk Yük Transfer Biyosensörü Tasarımı (NEU AIV BİYOSENSÖRÜ tasarımı)’ Proje Supervisor: Prof. Dr. Tamer Şanlıdağ, Co-supervisor: Prof. Dr. Terin Adalı, Researcher: Assoc. Dr. Ayşe A. Sarioğlu (2019-2020).**

**8.8. SAG-2019-1-004 ‘Design of a Novel Multi-sensing Electrochemical Immunosensor Array for the Early Detection of Amyloid –Beta Peptides in Alzheimer’s Disease’, Project Supervisor: Prof. Dr. Terin Adalı, Researchers: Prof. Dr. Kerem Teralı, Assoc. Dr. Ayşe Sarioğlu, Dr. Raheela rahbari, Dr. Gülcem Altınoğlu (Partner: Welcome Sanger Institute (UK)) (2019-2021).**

**8.9 FEN-2019-2-008 “Human Embryonic Stem Cells Culturing in Silk Fibroin / Curcumin / Alginate Injectable Hydrogel for Tissue Engineering”,** Project Supervisor: Prof. Dr. Terin Adalı, Researcher: Prof. Dr. Seda Vatansever, Prof. Dr. İhsan Çalış, Prof. Dr. Nesrin Hasırcı. (2019-2023).

**9. Editor, Editorial Board Members in journals indexed Web of Science, Expanded –WOS, WOS-Emerging, Scopus data bases.**

**9.1 Co-Editor; 1st International Symposium on Information Technologies, ISIT 2005. (2005), Symposium Proceedings, Free Birds Publishing, ISBN 9944-944-03-3.**

**9.2 Guest Editor; Natural Product Journal, Special Issue; “Bioactive Natural Product Researches on Biomedicine”,** Benhanm Science Publisher, (2012), Volume 3, Number 2. ISSN: 2210-3155 (Print), ISSN: 2210-3163 (Online).

**9.3 Guest Editor; “Special Issue on Biomedical Engineering”,** Elsevier, (September 2016), International Journal of Biological Macromolecules 90

**9.4 Guest Editor; “Second Special Issue on Biomedical Engineering”,** Elsevier, International Journal of Biological Macromolecules. (2019).

**9.5 Editorial Board Member of International Journal of Biological Macromolecules (IF = 9.953, Q1).**

**9.6 Editorial Board Member of Carbohydrate Polymers and Technologies (IF= 6, Q2)**

## **10.0 National Editorials**

**10.1 Editor; “3D Printing and Medical Applications”,** Abstract Book, (2019).

## **11. Administrative Positions**

<b>ADMINISTRATIVE POSITIONS</b>	<b>UNIVERSITY</b>	<b>YEARS</b>
Board Member, GAU Faculty of Medicine	Girne American University	01. 2024 - ....
GAU-Coordinator of Phase I, Faculty of Medicine	Girne American University	01. 2024 - ....
GAU-Member (Representative of Faculty of Medicine) Accreditation Committee of GAU	Girne American University	02. 2024 - ...
GAU- Head, Committee of Scientific Projects of TUBITAK	Girne American University	10. 2023 - ...
GAU- Director, Research and Application of Biomedical Sciences.	Girne American University	11. 2023 - ...
GAU-Ethical Board Member, GAU-Health Ethical Committee	Girne American University	September 2023- .....
Board Member-NEU-Coordination Office of Quality and Accreditation	Near East University	12.2022 - September 2023
NEU-Representative of Quality and Accreditation	Near East University	12.2022 - September 2023

NEU-Center of Excellence – Tissue Engineering and Biomaterials Research Center Director	Near East University	2013 - September 2023
SUNUM-Nanotechnology Research and Application Center Affiliated Researcher	Sabancı University	March 2020 – September 2023
Center of Excellence / Board Member (Representative, Faculty of Engineering)	Near East University	2015-2017
NEU, Center of Excellence, Tissue Engineering and Biomaterials Research Center (Director)	Near East University	2013-2023
Head of Department, Faculty of Engineering, Department of Biomedical Engineering Bölüm Başkanı	Near East University	2013-2018
Deputy Head of Department, Faculty of Engineering, Department of Biomedical Engineering	Near East University	2013-2018
ASIIN Accreditation Board Member,	Near East University	2013 - 2015
Board Member, Institute of Science	Near East University	2011 - 2017
Coordinator, Faculty of Engineering, Department of Biomedical Engineering	Near East University	2010-2013
Head of Department, Faculty of Business and Economics, Department of Management Information System.	Girne American University	2007-2008
Deputy Head of Department, Faculty of Business and Economics, Department of Management Information System.	Girne American University	2004-2007
Board Member, Technopark	Girne American University	2006-2009
Board Member, Distance Education and Research Center	Girne Amerikan University	2006-2009
Faculty Board Member, Faculty of Business and Economics	Girne American University	2004-2006
CISCO Network Academy, Coordinator	Girne Amerikan University	2004-2009
Mikrosoft MSDN Akademik Alliance , ELMS (Web Based Management System), Program Coordinator	Girne Amerikan University	2005-2009
Deputy Head of Department, Faculty of Business and Economics, Department of Management Information System	Girne Amerikan University	2003-2006

Senior Lecturer	Girne American University	1996-2008
Production Manager	Intern Pharmaceutical Industries	1989-1996
Director	Başarı Cram School	1986-1989
Production Manager	Bel Kola Factory	1984-1986

## **12. Memberships**

**12.1 Türkiye Kimya Derneği, Member.**

**12.2 European Biotechnology Thematic Network Association**

## **13. Awards**

**13.1 Certificate of Merit**, Girne American University, 7th Day of June **2007**. (Awarded by the Board of Trustees of Girne American University with Certificate of Merit for Asst. Prof. Terin Adali contribution to the development of the institution. Her services over the years have made an important impact on the development.)

**13.2 Certificate of Merit**, North Cyprus Ministry of Education, Vocational Education Department. **2008**. (Consulting The Ministry of Education on the European Union Benchmarking Project.)

**13.3 Research Award 2009**, Near East University.

**13.4 Prof. Mariapia Viola Magni, EBTNA (European Biotechnology Thematic Network Association) Award of Best Third Oral Presentation. Current Opinion in Biotechnology, Volume 24, Supplement 1 July 2013, S5.**

**13.5 3rd Best Poster Presentation IBMEC 2018.**

**13.6 Near East University, Science Award, 2018.**

**13.7 Near East University, Paper Award, 2018.**

## **14. Other educations / Seminars / Panels /Courses/ Organization and/or Attendance.**

**14.1 CISCO Certified Educator**(Certificates from Istanbul Technical University);

14.1.1 CISCO-CCNA1(Cisco Certified Network Administrator) (2005)

14.1.2 CISCO-CCNA2 (2006)

14.1.3 CISCO-CCNA3 (2007)

14.1.4 CISCO-CCNA4 (2007)

14.1.5 CISCO-IP Telephony (2007)

14.1.6 CISCO-Wireless Networking (2007)

**14.2 Microsoft Server Education (2006)**

**14.3 Havering College Vocational Education (London / England).**

- 14.4 Biotechnology Winter School (Bilkent University) (2010).
- 14.5 Genetics from Laboratory to Clinics (Near East University), 20 May 2014.
- 14.6 Applied Cell Culturing Course, Near East University, DESAM, 03-04 June 2016.
- 14.7 Near East University, Bioinformatic Fall School, DESAM, “Applications in Molecular Basic and Clinical Sciences”, 27 – 29 November 2018.
- 14.8 Sabancı University, SUNUM, “CELL CULTURING BASED PRODUCTION TECHNIQUES COURSE” , 2021
- 14.9 “New Age of Nanoscience & Technology Literature Review” (Sabancı University, SUNUM)
- 14.10 “Nano comes to Life” (Sabancı University, SUNUM)
- 14.11 “Nanomaterials Research Infrastructure, Resources and Services at SUNUM” (Sabancı University, SUNUM)
- 14.12 “Light – matter interaction: Spectroscopic studies and applications.” Sabancı University, SUNUM
- 14.12 “Cleanroom and Nanofabrication infrastructure, resource services at SUNUM.” Sabancı University, SUNUM.
- 14.13 “General Informative Education on Horizon Europe Area”, Sabancı University, SUNUM.
- 14.14 “Horizon Europe Information Days”, Sabancı University, SUNUM.
- 14.15 “Multidisciplinary Peak of Science on Life Sciences: NANOTECHNOLOGY” Sabancı Üniversitesi, SUNUM.
- 14.16 (Invited Speaker) Terin Adalı, “Natural Biomaterials and Biomedical Applications” NEU, ONLINE. (2021).
- 14.17 Terin Adalı (Attendance), “The role of natural products in drug design discovery studies.” (2021).
- 14.18 Terin Adalı (Organization), “Viral Vaccine” (Online) , NEU, Center of Excellence, Tissue Engineering and Biomaterials Research and Application Center (2021).
- 14.19 Terin Adalı (Organization), “Dental Biyomateryaller Söyleşi Günü” (Çevrimiçi) , Center of Excellence, Tissue Engineering and Biomaterials Research and Application Center (2021).
- 14.20 Terin Adalı (Organization), “2. 4D Additive Manufacturing and Regenerative Medicine “ Symposium” Center of Excellence, Tissue Engineering and Biomaterials Research and Application Center (2022).