

CURRICULUM VITAE

1. **NameLastname** : Mehdi PARTOVI MERAN
2. **Date & Place of Birth** : 10/07/1981 Tabriz
3. **Title** : Asst. Prof.
4. **Education** : PhD in Chemical Engineering

Degree	Field	University	Year
BS	Applied Chemistry	Tabriz University	2006
MS	Chemical/Polymer Eng.	Sahand Technical University	2011
PhD	Chemical Eng.	Istanbul Technic University	2019

5. Academic Titles:

- Assistant :
Lecturer :
Asst. Prof. : 6 Jan. 2020
Assoc. Prof. :
Professor :

6. Management and supported thesis of MS and PhD

6.1. MS Thesis

6.2. PhD Thesis

7. Publications

7.1. Published Articles in International Journals (SCI & SSCI & Arts and Humanities)

1 Mehdi Meran, Pelin Deniz Akkus, Ozge Kurkcuoglu, Elif Baysak, Gurkan Hizal, Ebru Haciosmanoglu, Ayhan Unlu, Nilgun Karatepe, F. Seniha Güner, "Non-covalent Pyrene-PEG Coatings of Carbon Nanotubes Achieve In Vitro Biocompatibility" *Langmuir* (ACS Publications), DOI: 10.1021/acs.langmuir.8b00971

2 Ayhan Ünlü, Mehdi Meran, Bircan Dinc, Nilgün Karatepe, Muhammet Bektaş, F. Seniha Güner "Cytotoxicity of doxorubicin loaded single-walled carbon nanotubes" *Molecular Biology Reports*, DOI 10.1007/s11033-018-4189-5

3 M.K. Razavi Aghjeh, F. Abbasi, Mehdi Meran, M. Mehrabi Mazidi "Processing Characteristics, Rheology, Morphology and Mechanical Properties of Reactive Compatibilized Polyethylene/ Polystyrene Blends via Friedel-Crafts Alkylation Reaction", *Polymer Bulletin*, DOI 10.1007/s00289-012-0751-9

7.2. Published Articles in Other International Journals

7.3. Presented Articles at International Conference (Proceedings)

1 Ayhan Unlu, Mehdi Meran, Bircan Dinc, Yasin Celikok, Işıl Albeniz, F. Seniha Guner "Noncovalent Assembly of Carbon Nanotubes: Toward the Construction of Nanotube-Based Breast Cancer Therapy Nanovectors" The International Conference On Nanomedicine And Nanobiotechnology ICONAN, 2016, Paris

2 Mehdi Meran, F. Seniha Guner, Ozge Kurkcuoglu "Molecular Dynamics Studies of Functionalized Pyrene Adsorption on Single-Walled Carbon Nanotubes with Structural Defects" 5. BAU Drug Desing Congress, 2018, İstanbul

3 Mehdi Meran, Elif Baysak, Ozge Kurkcuoglu, Gurkan Hizal, Nilgun Yavuz, F. Seniha Guner "Pyrene-functionalized Carbon Nanotubes as Emerging Nanocarriers: Insight From Experimental and Molecular Dynamic

Simulation” 1. Biological and Chemical Science Kongresi,2018, Ankara

4 Mehdi Meran, Pelin Deniz Akkus, Ozge Kurkcuoglu, Nilgun Karatepe, Gurkan Hizal, F. Seniha Guner “Doxorubicin Loaded Carbon Nanotubes as Multimodal Nanocarriers for Cancer Treatment” 5. BAU Drug Desing Congress, 2017, İstanbul

5 Mehdi Meran, Bircan Dinç, Ayhan Ünlü “Design of High-affinity PARP-2 Inhibitors by Dynamic Structure-Based Pharmacophore Approach” 5. BAU Drug Desing Congress, 2017, İstanbul

6 Mehdi Meran, Pelin Deniz Akkus, Ozge Kurkcuoglu, Nilgun Karatepe, Gurkan Hizal, F. Seniha Guner “PEG modified single-walled carbon nanotubes: Molecular dynamics simulations and experimental approach” PPM 2017, Kuşadası, İzmir

7 Mehdi Meran, Ayhan Ünlü, Ebru Haciosmanoğlu, Gürkan Hizal, Nilgün Yavuz, Pelin Deniz Akkuş, Özge Kürkcüoğlu, F. Seniha Güner “Preparation of PEG Modified Single-Walled Carbon Nanotubes: CNT and PEG Chain Length Effect” World Polymer Congress 2016, İstanbul

8 Ayhan Ünlü, Mehdi Meran, Gürkan Hizal, Nilgün Yavuz, F. Seniha Güner, “Preparation of PEG Modified Single-Walled Carbon Nanotubes: CNT and PEG Chain Length Effect” World Polymer Congress 2016, İstanbul

7.4. Presented Articles at Nationals Conference

1 Mehdi Meran, Bircan Dinç, Ayhan Ünlü, Metin Budak, Tammam Sipahi “Novel High-affinity PARP-2 Inhibitors Developed by Dynamic Structure Based Pharmacophore Approach” 1. Trakya Sağlık Bilimleri Kongresi, 2017, Edirne

2 Mehdi Meran, Gonca Akdere, Elif Baysak, Gürkan Hizal, Ayhan Ünlü, F. Seniha Güner, “PEG ile Fonksiyonel Hale Getirilmiş Karbon Nanotüp Malzemelerin Sentezi Ve Bağlanma Oraninin İncelenmesi” 12. Ulusal Kimya Mühendisliği Kongresi, 2016, İzmir

7.5. Other Publications

8. Projects

8.1. International Projects

8.2. National Projects

1 217M625 no’lu TÜBİTAK araştırma projesi Koç Üniversitesi, Renkli Sırlı Çin Seramiklerinin Arkeometrik Çalışmaları ve Replika Üretimi, Araştırmacı

2 MGA-2019-41823 no’lu BAP projesi İstanbul Teknik Üniversitesi, Manyetik karbon nanotüplerin kanser tedavisinde ilaç taşıma amaçlı kullanımı, Araştırmacı

3 2018.05.01 Trakya Üniversitesi Hayvan Deneyleri Etik Kurulu Çalışması, PEG ile Kaplanmış Karbon Nanotüplerin Kanda Kalış Süresinin İncelenmesi, Araştırmacı

4 TÜBAP 2017/67 no’lu projesi (Trakya Üniversitesi Tıp Fakültesi), Fonksiyonel Hale Getirilmiş Karbon Nanotüp Malzemelerin Biyolojik Ortamda İncelenmesi, Araştırmacı

5 TÜBİTAK 133S334 no’lu 3501 kariyer geliştirme projesi, Poli ADP-Riboz Polimerazlarda ve ADP-Ribozilleyen Toksinlerde Nikotinamid Adenin Dinükelotidi Tanıyan Ortak Motifin Üç Boyutlu Yapısının Belirlenerek Bu Ortak Motifin Etkileşim Arayüzünün ve Bağlanma Enerjileri Yüksek Sıcak Noktalarının Kuramsal ve Deneysel Yöntemlerle Araştırılması, Araştırmacı

Completed Projects

Continued Projects

9. Administrative Experience

10. Affiliation of Institutes

1 American Chemical Society

11. List of Awards**12. Lessons given for BSc and MS for the last two years**

Academic Year	Semester	Course	Credits		Numer of Students
			Theoretical	Practical	
2019-2020	Spring	Fluid Mechanics	3		44
		Kinetics and Reactor Design	3		36
		Biomaterials	2		37
		Nanoneurobioscience	3		36

13. Contact Information

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