



## Mustafa Köktürk

Hasanpaşa Mah., Gişeler Sokak No:3, Byconcept Sitesi A11,  
Sultanbeyli-Istanbul, TURKIYE

### EDUCATION

**9/05-7/13** Marmara University, Istanbul, Turkey PhD., Organic Chemistry

**9/02-8/05** Middle East Technical University (METU), Ankara, Turkey M.S.,  
Organic Chemistry

**9/97-6/02** Middle East Technical University (METU), Ankara, Turkey B.S.,  
Chemistry

**9/90-6/97** Zonguldak Atatürk Anatolian High School, Zonguldak, Turkey

### PROFESSIONAL and WORK EXPERIENCE

**05/21-current** R&D Director, Biofarma Pharmaceuticals R&D Center, Istanbul, Turkiye

- Creating the R&D Center budget and controlling compliance with the budget.
- Ensuring the development of new generic products that does not infringe patents, following pilot productions, bioequivalence studies and CTD file preparations.
- Ensuring that the launch production of new licenced products are completed.
- Leading the implementation and ensuring the sustainability of the 'Medicus' software developed within Biofarma, which enables the effective tracking of the processes of new products.
- Making technical, profitability and cash flow evaluations regarding potential products in new product pool.
- Organizing the CTD preperation of market products for export projects within the framawork of current regulations.
- To lead the managers and executives of Pharmaceutical R&D, Analytical R&D, Technical Documentation, Clinical Research and Patent departments.
- Ensuring sustainability as the responsible person of R&D Center approved by the Ministry of Industry.

**10/19-04/21** R&D Manager, Ali Raif Pharmaceuticals R&D Center, Istanbul, Turkiye

- Planning analytical studies for new generic drugs and organizing R&D team members.
- Planning formulation development studies for new generic drugs and organizing R&D team members.

**03/19-09/19** R&D Analytical Manager, Bilim Pharmaceuticals R&D Center, Istanbul, Turkiye

- Planning analytical studies for new generic drugs and organizing R&D team members.

**10/15-03/19** R&D Pharmaceutical Manager, Nobel Pharmaceuticals R&D Center, Duzce, Turkiye

- Planning analytical studies for new generic drugs and organizing R&D team members.
- Planning formulation development studies for new generic drugs and organizing R&D team members.

**07/13-09/15** R&D Pharmaceutical Supervisor, FARGEM, Duzce, Turkiye

- Planning analytical studies for new generic drugs and organizing R&D team members.
- Planning formulation development studies for new generic drugs and organizing R&D team members.
- Leading to formulation development team leaders (3 team leaders and 25 team members including formulation development and analytical method development specialists).

**07/08-06/13** R&D Analytical Chief, FARGEM, Duzce, Turkiye

- Planning analytical studies for new generic drugs and organizing R&D Analytical team members.

**04/08-06/08** R&D Analytical Chief, Kocak Pharma, Cerkezkoy, Turkiye

- Planning analytical studies for new generic drugs and organizing R&D Analytical team members.

**06/04- 04/08** Method Development Specialist, Eczacibasi Health Products, Luleburgaz, Turkiye

- Developing and validating new analytical methods for new generic drugs

**10/02-06/04** Teaching Assistant Chemistry Department, METU

- General Chemistry Laboratory for Chemistry students

**7/02-10/02** Trainee in University of Maryland, Chemistry & Biochemistry Department

- Participated in Research Group of Asst. Prof. Dr. Andrew Morehead (University of Maryland Summer Fellowship Program)

## **PROJECTS AND PAPERS**

- Undergraduate Research Project: Synthesis of ferrocene-IPDI-based burning rate catalysts for composite rocket propellants (Supervisor: Prof. Dr. Metin Zora)
- Investigation on the ring enlargement reactions of cyclobutenones with metal carbenes (Supervisor: Prof. Dr. Metin Zora)
- Asymmetric Hydroacylation Reactions and Its Application Toward Total Synthesis of SB-209670 & SB-217242 (Supervisor: Asst. Prof. Andrew Morehead Jr.)
- 230th National Meeting of American Chemical Society, Washington, DC, USA; August 28-September 1, 2005; ORGN 536. "Synthesis of 2-ferrocenylidene-4-cyclopentene-1,3-diones as potential antitumor substances")
- METU Scientific Research Project (BAP) 'Synthesis of Ferrocenylquinone derivatives

- Zora M., Kokturk M., Eralp T., (2006) Synthesis of 2-ferrocenylidene-4-cyclopenten-1,3-diones. Tetrahedron, 62, 10344-10351
- Kokturk M, Erdem S. S, Saan M.T., Vracko M., Novic M., Minovski N. (2011) QSAR study of pyrazole derivatives as monoamine oxidase inhibitors. 6th International Symposium on Computational Methods in Toxicology and Pharmacy Integrating Internet Resources- CMTPI 2011, Maribor, Slovenia
- Kokturk M, Erdem S. S, Saan M.T., Vracko M., (2010) QSAR study of xanthone derivatives as monoamine oxidase inhibitors. QSAR 2010, 24-28 th May, Montreal, Canada
- Abdullah Uslu, İlksen Dikmen, Mustafa Köktürk, Serdar Ünlü, Seda Ünsalan, İclal akıcı, Sami Eren, Berrak Kılın, Onursal Saėlam, Muradiye Nacak, Ömer Ocak (2014) Bioequivalence Study of a Fixed Dose Combination of Irbesartan/Amlodipine/Hydrochloride Film Coated Tablet Manufactured in Turkey. Nobel Medicus, 10, 2014
- Seda Unsalan, İclal akıcı, Abdullah Uslu, Mustafa Köktürk, Nihan Bozkurt, Hale Aydonat, Aydın Erenmemişoėlu, (2015) Bioequivalence Study of Memantine Hydrochloride XR 28 mg Micropellet Capsules in Comparison with Namneda XR 28 mg Extended Release Capsules in Healthy Male Subjects Under Fasting Conditions, Poster Presentation at GPSS, Antalya
- Aytekin Y. S. , Kokturk M., Zaczek A., Korter T. M. , Heilweil E. J. , Esentürk O., Optical properties of Meloxicam in the far-infrared spectral region, CHEMICAL PHYSICS, 512, pp.36-43, 201
- Aytekin Y. S. , Köktürk M., Zaczek A., Korter T., Heilweil E., Esentürk O., Optical Properties of Active Pharmaceutical Ingredients in Terahertz Region, 44th International Conference on Infrared, Millimeter, and Terahertz Waves (IRMMW-THz), Paris, France, 1 - 06 September 2019, pp.1
- 17 patents and patent applications for R&D projects
- 7 TEYDEB projects are involved as ‘Deputy Project Coordinator’ and 4 TEYDEB projects as ‘Project Coordinator’.

#### **COMPUTER SKILLS**

- All Microsoft operating systems, Word, Excel, PowerPoint.
- LC-GC softwares: Empower, Chromquest, Chromeleon, Chemstation, LabSolutions, PC 1000
- Computational Chemistry softwares: Gaussian, Spartan, Dragon

#### **LANGUAGE SKILLS**

- Fluent in English.

### **Dr. Mustafa Köktürk**

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