



# Prof. Dr. Ayşegül GÖLCÜ



Analytical and bioanalytical studies are carried out in our laboratory. These are drug release systems and interaction studies of small molecules with dsDNA.

We have joint projects with theoretical working research groups (ITU and Kocaeli University). At the same time, Ankara University and New Jersey State University, and our work continues.



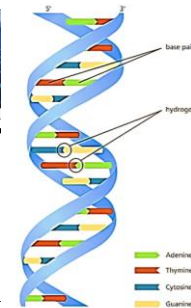
Journal of Drug Delivery Science and Technology 71 (2022) 103328

Contents lists available at ScienceDirect

**Journal of Drug Delivery Science and Technology**

journal homepage: [www.elsevier.com/locate/jddst](http://www.elsevier.com/locate/jddst)





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Article

## Mechanism of Interactions of dsDNA Binding with Apigenin and Its Sulfamate Derivatives Using Multispectroscopic, Voltammetric, and Molecular Docking Studies

Simon Waihenya, Pelin Şenel, Francis J. Osonga, Taner Erdoğan, Filiz Altay, Ayşegül Gölcü, and Omowunmi A. Sadik\*

Cite This: <https://dx.doi.org/10.1021/acsomega.0c02612>

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## In-vitro release study of Pt(II) and Fe(III) metallocefotaxime drug candidates in pH dependent releasing mediums mimicking human biological fluids

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## Hydrogel Preparation

Bioorganic & Medicinal Chemistry Letters 23 (2013) 2117–2122

Contents lists available at SciVerse ScienceDirect

**Bioorganic & Medicinal Chemistry Letters**

journal homepage: [www.elsevier.com/locate/bmcl](http://www.elsevier.com/locate/bmcl)




## Synthesis, crystal structures, DNA binding and cytotoxicity of two novel platinum(II) complexes containing 2-(hydroxymethyl)pyridine and pyridine-2-carboxylate ligands

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Article

## Elucidation of DNA-Eltrombopag Binding: Electrochemical, Spectroscopic and Molecular Docking Techniques

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