APYONKARAHISAR SAGLIK BILIMLERI ÜNIVERSITESI CURRICULUM VITAE AND PUBLICATIONS LIST

CURRICULUM VITAE

Name and Surname:	ŞEYDA NUR SAMANCI
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Degree	Department/Program	University	Year
Doctorate	ANALİTİK KİMYA (DR)	Ankara University	Continues
Bachelor's Degree	Pharmacy	Ankara University	2022

PUBLICATIONS

A. Articles published in international peer-reviewed journals:

- A1. "Advanced sensor technologies for niraparib detection: A comparative study of molecularly imprinted polymer and nanosensor systems", Talanta, 2025.
- A2. "Recent advancements in novel electrochemical sensors for disease-associated molecule determination", Journal of Pharmaceutical and Biomedical Analysis Open, 2025.
- A3. "Molecularly imprinted micro-extraction of pharmaceuticals in biological samples", Microchemical Journal, 2025.
- A4. "A review: electrochemical analysis and application of anticancer drugs with MIP-based sensors and nanosensors", Essential Chem. 2025.
- A5. "Electrochemical behaviour and determination of niraparib using glassy carbon and boron-doped diamond electrodes", Diamond and Related Materials, 2025.
- A6. "The Importance and Use of Polydopamine in Molecularly Imprinted Polymer-Based Electrochemical Sensor Design", Critical Reviews in Analytical Chemistry, 2025.
- A7. "Electrochemical Determination of Anti-Cancer Drug Pazopanib with High Selectivity and Sensitivity Using Molecularly Imprinted Polymer-Modified Glassy Carbon Electrode", Journal of the Electrochemical Society, 2024.
- A8. "Approaches and Challenges for Biosensors for Acute and Chronic Heart Failure", Biosensors, 2023.

B. Papers presented at international scientific meetings and published in proceedings:

- B1. "Evaluation and comparison of two different sensors developed for the PARP inhibitor drug", NANOBALKAN2024 International Conference, 2024.
- B2. "Development of a Molecular Imprinted Polymer Sensor Designed by Electropolymerization for Anticancer Drug Detection", 6th INTERNATIONAL CONGRESS ON BIOSENSORS, 2024.
- B3. "ZnO/AuNPs Nanocomposite-designed Nanosensor for Highly Sensitive Electrochemical Detection of Niraparib", Workshop on Biosensors and Bioanalytical Microtechniques in Environmental, Food and Clinical Analysis (BBMEC), 2024.
- B4. "Comparison of Bare Glassy Carbon Electrode and ZnO/AuNPs Nanocomposite Designed Nanosensor for Highly Sensitive Electrochemical Detection of Niraparib", 13rd Annual Symposium on Physical and Analytical Chemistry, 2024.
- B5. "Electrochemical Investigation of Niraparib: Voltammetric Assay in Human Serum using glassy carbon electrode and boron-doped diamond", 12. Drug Chemistry Conference, 2024.
- B6. "Highly Selective Molecularly Imprinted Polymer-Based Electrochemical Sensor for The Determination of Pazopanib", 33rd International Symposium on Pharmaceutical and Biomedical Analysis, 2023.

C. National/international books written or chapters in books:

C2. Chapters in national/international books written:

- C2.1. "Handbook of Carbon Sensors", CRC Press, 2025.
- C2.2. "Handbook of Carbon Sensors", CRC Press, 2025.