

**MEET THE GUEST EDITOR****Sibel A. Ozkan**

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**Sibel A. Ozkan** studied at Ankara University, from where she received her Pharmacy degree in 1985. She obtained her Master's (1988) and PhD (1994) degrees in the same university, Analytical Chemistry Department. She has become full professor 2003. She has been involved in several analytical chemistry projects related to electroanalytical chemistry and separation techniques on drug active compounds and DNA-Drug interactions. She has organized and participated in organizing committees of a number of international meetings related to Pharmaceutical Sciences (Series of ISOPS-Ankara-Turkey). Her research interest focuses on the electrochemical investigations of pharmaceutically active compounds and their analysis using electroanalytical, chromatographic and spectrophotometric methods, and their validations. Her research area currently moves to the development of DNA biosensors and their interactions with drugs. She is currently a faculty member at the Analytical Chemistry Department at Faculty of Pharmacy, Ankara University.

Prof. Ozkan is active as a referee with *Talanta*, *Electrochimica Acta*, *Analytica Chimica Acta*, *Chromatographia*, *Analytical Letters*, *Sensor and Actuator B*, *Biosensors & Bioelectronics*, *Journal of Separation Science* and etc. She is a member of Editorial Board of *Chromatographia*, *Talanta*, *The Open Analytical Chemistry Journal*, *The Global Journal of Analytical Chemistry*, *Journal of Hacettepe University, Faculty of Pharmacy*, and *Journal of Pharmaceutical Sciences (FABAD)*. She was Vice Editor of the Special Issue of *CHROMATOGRAPHIA* Vol. 66, 2007, "*Application of Separation Techniques in Turkey*" with Dr. Henk LINGEMAN (*CHROMATOGRAPHIA* Editor). She received Ankara University Scientific Promotion Award in 2003 and Turkish Pharmaceutical Association, Academy of Pharmacy Science Award in 2008. Prof. Ozkan is an author of 124 original and review papers. Some selected publications are cited below.

**SELECTED PUBLICATIONS**

- [1] Uslu, B.; **Ozkan, S.A.** Electroanalytical application of carbon based electrodes to the pharmaceuticals. *Anal. Lett.*, **2007**, *40*, 817-853.
- [2] Dogan, B.; Tuncel, S.; Uslu, B.; **Ozkan, S.A.** Selective electrochemical behavior of highly conductive boron-doped diamond electrodes for fluvastatin sodium oxidation. *Diam. Relat.Mater.*, **2007**, *16*, 1695-1704.
- [3] Uslu, B.; **Ozkan, S.A.** Solid electrodes in electroanalytical chemistry: Present applications and prospects for high-throughput screening of drug compounds. *Comb. Chem. High Throughput Screen.*, **2007**, *10*, 495-513.
- [4] Uslu, B.; Dogan-Topal, B.; **Ozkan, S.A.** Electroanalytical investigation and determination of pefloxacin in pharmaceuticals and serum at boron-doped diamond and glassy carbon electrodes. *Talanta*, **2008**, *74*, 1191-1200.
- [5] Dogan-Topal, B.; Uslu, B.; **Ozkan, S.A.**; Zuman, P. Electrochemical determination of HIV drug Abacavir based on its reduction. *Anal. Chem.*, **2008**, *80*, 209-216.
- [6] Onay-Besikci, A.; **Ozkan, S.A.** Trimetazidine revisited: A comprehensive review of the pharmacological effects and analytical techniques for the determination of trimetazidine. *Cardiovasc. Drug Rev.*, **2008**, *26*, 147-165.
- [7] Dogan-Topal, B.; Uslu, B.; **Ozkan, S.A.** Voltammetric studies on the HIV-1 inhibitory drug efavirenz: the interaction between ds DNA and drug using electrochemical DNA biosensor and adsorptive stripping voltammetric determination on disposable pencil graphite electrode. *Biosens. Bioelectron.*, **2009**, *24*, 2358-2364.
- [8] Demiralay, E.C.; Alsancak, G.; **Ozkan, S.A.** Determination of pKa values of non-steroidal anti-inflammatory drug-oxicams by RP-HPLC and their analysis in pharmaceutical dosage forms. *J. Sep. Sci.*, **2009**, *32*, 2928-2936.
- [9] Dogan-Topal, B.; Bozal, B.; Demircigil, B.T.; Uslu, B.; **Ozkan, S.A.** Electroanalytical studies and simultaneous determination of amlodipine besylate and atorvastatin calcium in binary mixtures using first derivative of the ratio-voltammetric methods. *Electroanalysis*, **2009**, *21*, 2427-2439.
- [10] Gumustas, M.; **Ozkan, S.A.** Electrochemical evaluation and determination of antiretroviral drug fosamprenavir using boron-doped diamond and glassy carbon electrodes, *Anal. Bioanal. Chem.*, **2010**, *397*, 189-203.