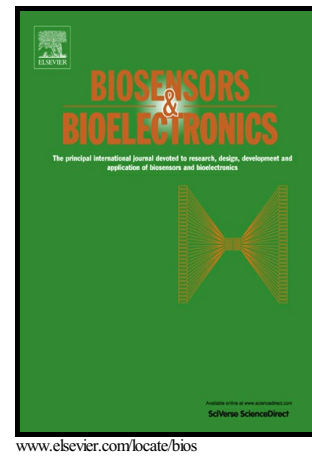


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Porous silicon based photoluminescence immunosensor for rapid and highly-sensitive detection of Ochratoxin A

Valerii Myndrul¹, Roman Viter^{2}, Maryna Savchuk³, Nelya Shpyrka³, Donats Erts², Daniel Jevdokimovs², Viesturs Silamiķelis², Valentyn Smyntyna¹, Arunas Ramanavicius^{4*}, Igor Iatsunskiy^{5*}*

1) Experimental physics department, Odessa National I.I. Mechnikov University, 42, Pastera, 65026, Odessa, Ukraine

2) Institute of Chemical Physics, and Institute of Atomic Physics and Spectroscopy, University of Latvia, 19 Raina Boulevard, LV 1586 Riga, Latvia, roman.viter@lu.lv

3) National University of Life and Environmental Sciences, 15, Geroyiv Oborony, Kyiv 03041, Ukraine

4) State Research Institute Center for Physical Sciences and Technology, Savanoriu ave. 231, LT-01108 Vilnius, Lithuania, arunas.ramanavicius@chf.vu.lt

5) NanoBioMedical Centre, Adam Mickiewicz University, 85 Umultowska str., 61-614, Poznan, Poland, yatsunskiy@gmail.com

Abstract.

A rapid and low cost photoluminescence (PL) immunosensor for the determination of low concentrations of Ochratoxin A (OTA) has been developed. This immunosensor was based on porous silicon (PSi) and modified by antibodies against OTA (anti-OTA). PSi layer was fabricated by metal-assisted chemical etching (MACE) procedure. Main structural parameters

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