

# State of the art and recent advances in immunoanalytical systems

Marquette C.A., Blum L.J.

Laboratoire de Génie Enzymatique et Biomoléculaire, UMR 5013, Bât. CPE, 43 Bd. 11 Nov. 1918, 69622  
Villeurbanne, Cedex, France

Abstract: This article is an overview the state of the art and the recent developments in immunosensors. Homogeneous immunosensors, heterogeneous immunosensors, integrated immunosensors and biochip format immunosensors are presented, based on optical, electrochemical, magnetic or mechanical detection/transduction systems. © 2005 Elsevier B.V. All rights reserved.

Author Keywords: Electrochemical; Immuno-chip; Immunosensor; Magnetic; Mechanical; Optical

Year: 2006

Source title: Biosensors and Bioelectronics

Volume: 21

Issue: 8

Page : 1424-1433

Cited by: 72

Link: [Scopus Link](#)

Document Type: Review

Source: Scopus

Authors with affiliations:

1. Marquette, C.A., Laboratoire de Génie Enzymatique et Biomoléculaire, UMR 5013, Bât. CPE, 43 Bd. 11 Nov. 1918, 69622  
Villeurbanne, Cedex, France
2. Blum, L.J., Laboratoire de Génie Enzymatique et Biomoléculaire, UMR 5013, Bât. CPE, 43 Bd. 11 Nov. 1918, 69622  
Villeurbanne, Cedex, France