Reading list for Biosensor Technology, TFTB34, 2026

YouTube Video: Biosensors: An Introduction by Anthony Turner: http://www.youtube.com/watch?v=KChAkSAizCw

Turner, A.P.F. (2013). Biosensors: sense and sensibility. Chemical Society Reviews 42 (8), 3184-3196. OPEN ACCESS: http://xlink.rsc.org/?doi=C3CS35528D

Newman, J.D. and Turner, A.P.F. (2005). Home blood glucose biosensors: a commercial perspective. Biosensors and Bioelectronics 20, 2435-2453. (available online in LiU)

Handbook of Biosensors and Biochips; Robert S. Marks, Christopher R. Lowe, David C. Cullen, Howard H. Weetall, Isao Karube, (2007) Wiley (available as e-book in LiU)

Chemical sensors and biosensors; Brian R. Eggins (2002) Wiley (available in LiU library)

US Patent: 5,436,161 - Matrix coating for sensing surfaces capable of selective biomolecular interactions, to be used in biosensor systems. Biacore AB.: http://www.google.com/patents/US5436161?dq=Patent+US+5,436,161&hl=en&sa=X&ei=HSf5UZjuLYLPtAbzm4GQDg&ved=0CDQQ6AEwAA

Reviews and articles in the Elsevier journal Biosensors and Bioelectronics (available online in LiU): www.elsevier.com/locate/bios

Biosensors and Bioelectronics Centre website: www.ifm.liu.se/biosensors

PDF files of lectures and accompanying material.