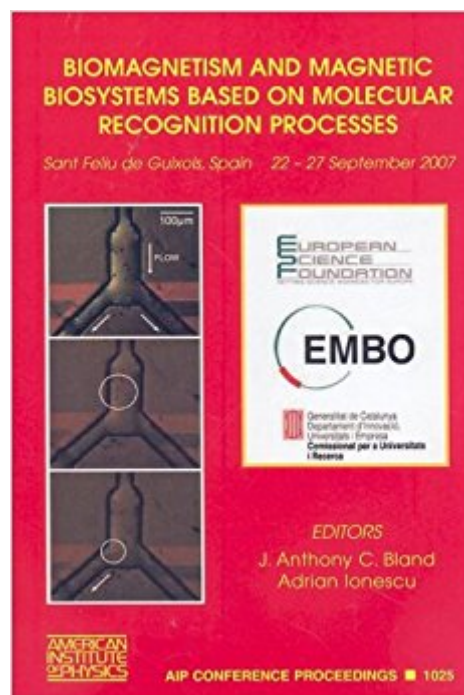




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Synopsis

All papers have been peer-reviewed. Point-of-care medical diagnostics could be accelerated by a new generation of lab-on-drip devices exploiting nanoscale magnetic effects. The Conference encompassed biomagnetism, biomolecular sensors based on manipulation/detection of magnetic entities and the associated surface chemistry. It publicized research highlights in nanomagnetism, biology, medicine, chemical engineering, and bioinformatics, while establishing vital links between workers in the emerging interdisciplinary field of "Biomagnetronics".

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