



BROKERAGE FOR HEALTH

September 3-4 2018, Oslo

Flash presentation



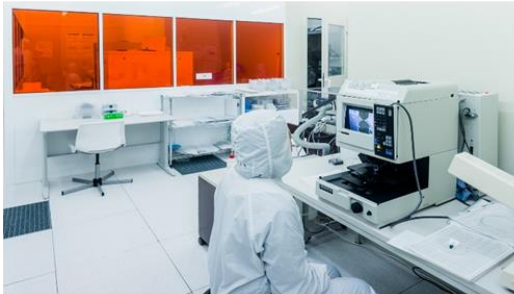
Magneto-resistive platforms for biosensing

Sofia Martins

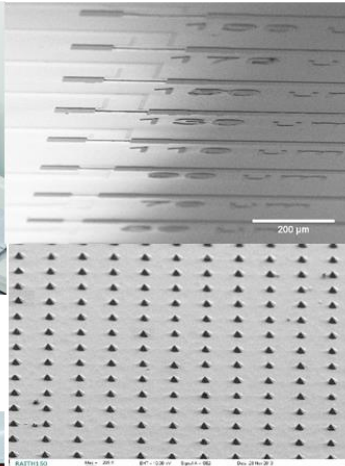
INESC-MN

Portugal

Microfabrication/Electronic integration

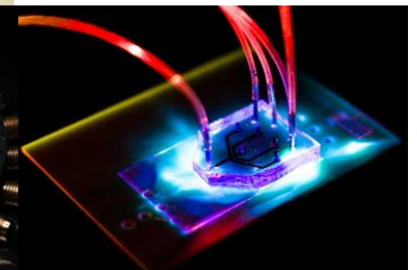
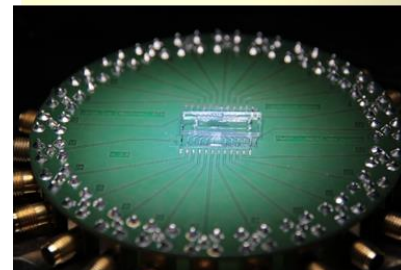
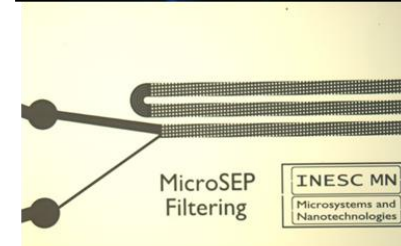
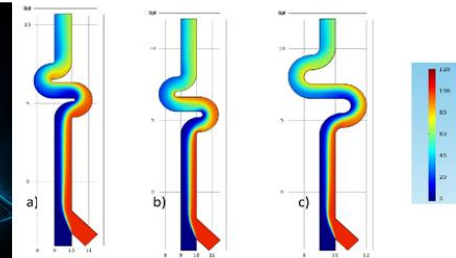
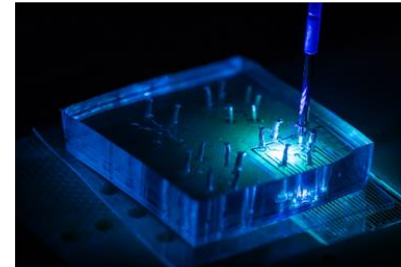


100/10 clean-room



Multidisciplinary team

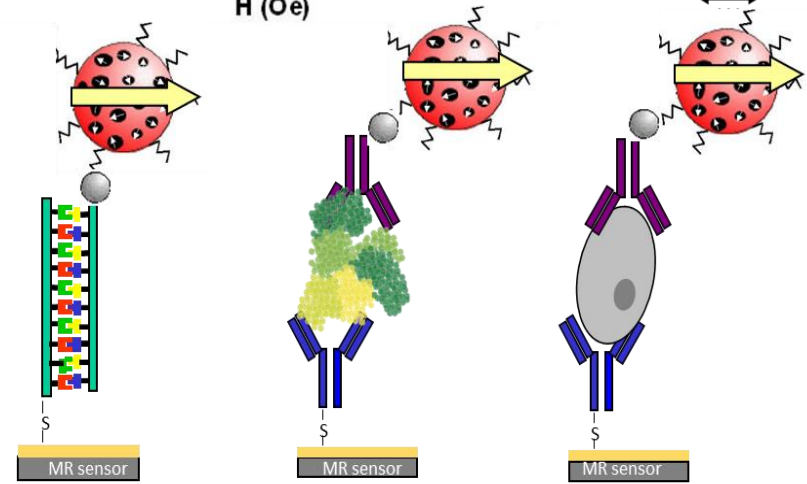
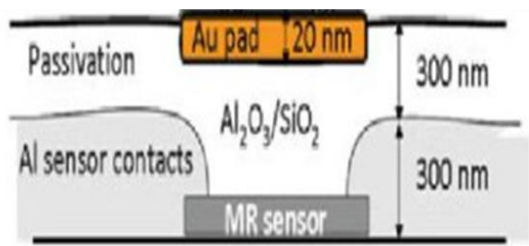
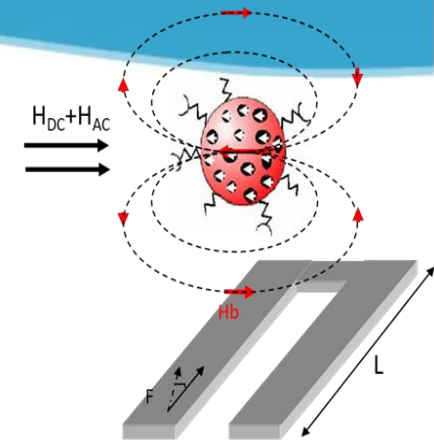
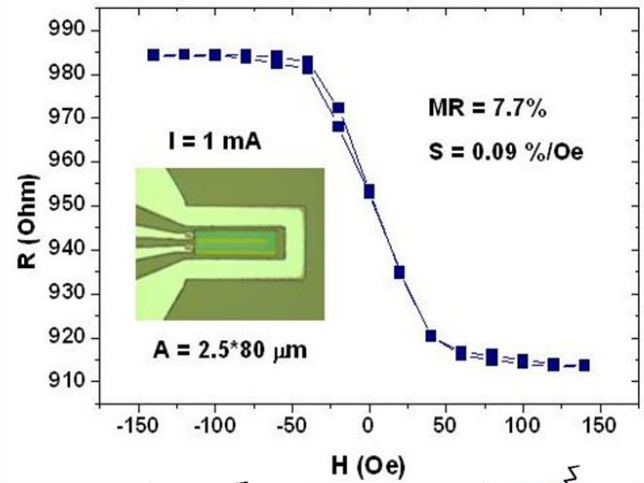
Microfluidics



Magnetoresistive biosensing platforms



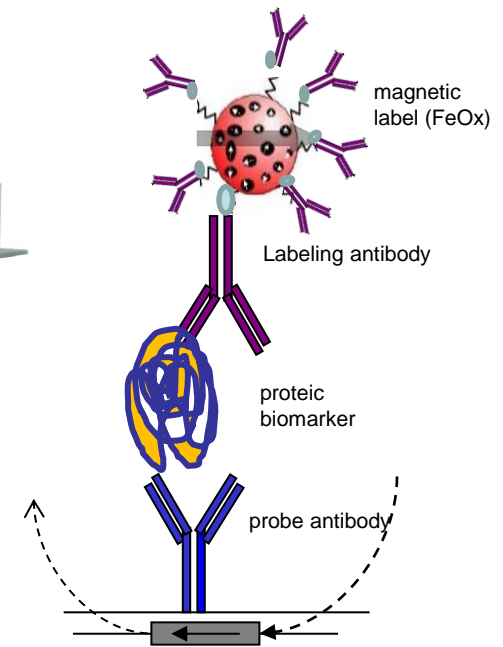
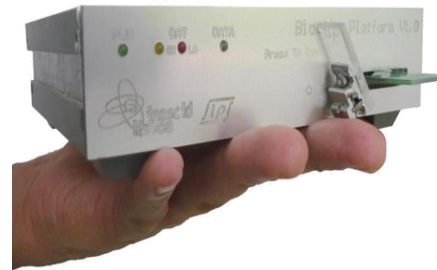
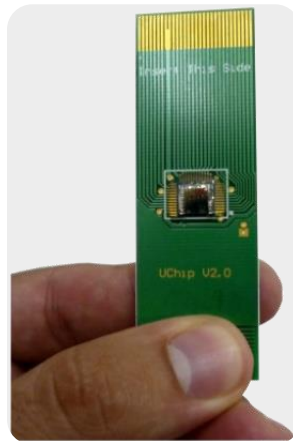
TiW(N)	15nm
Ta	3nm
MnIr	6nm
CoFe	2.5nm
Cu	2.6nm
CoFe	2.5nm
NiFe	3nm
Ta	2nm



Topic

SC1-BHC-25-2019: Demonstration pilots for implementation of personalised medicine in healthcare

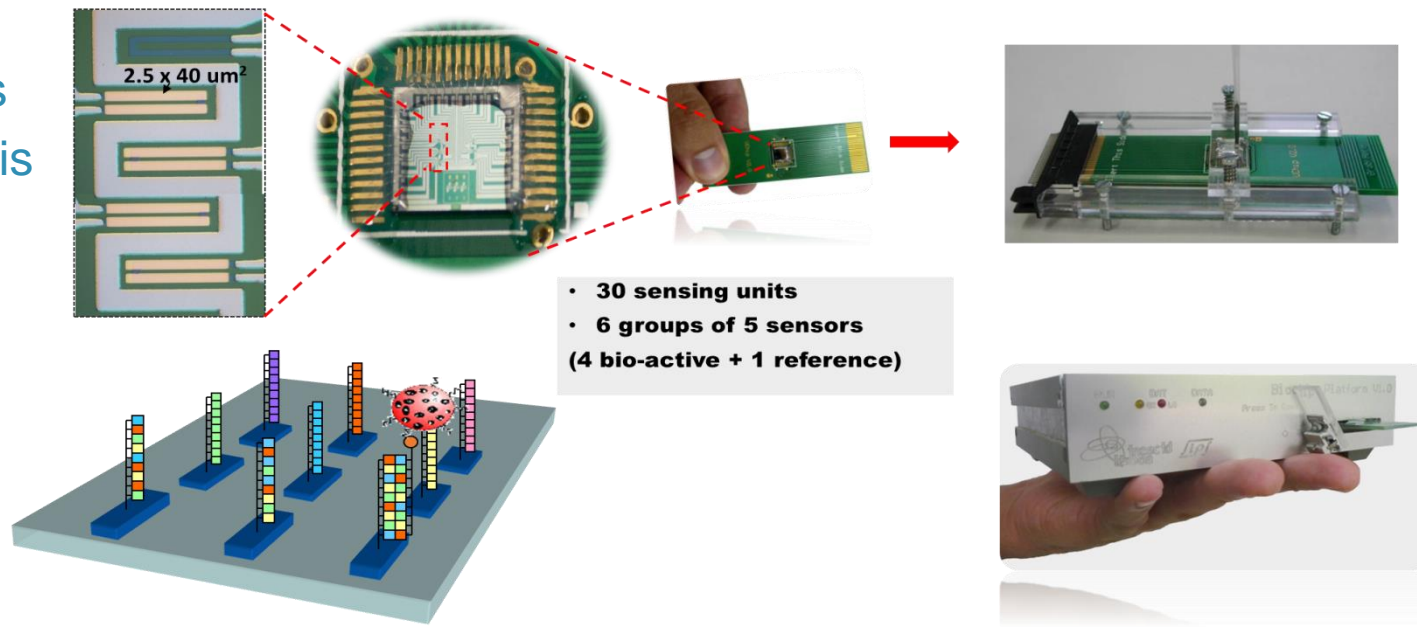
- Ischemic stroke
- Biomarkers
- Stratification
- Treatment decision



Topic

SC1-BHC-14-2019: Stratified host directed approaches to improve prevention, treatment and/or cure of infectious diseases

- Diagnosis
- Host biomarkers
- Multiplex analysis





Contact details

Thank you!

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