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Surface analytical characterization of Streptavidin/poly(3-hexylthiophene) bilayers for bio-electronic applications

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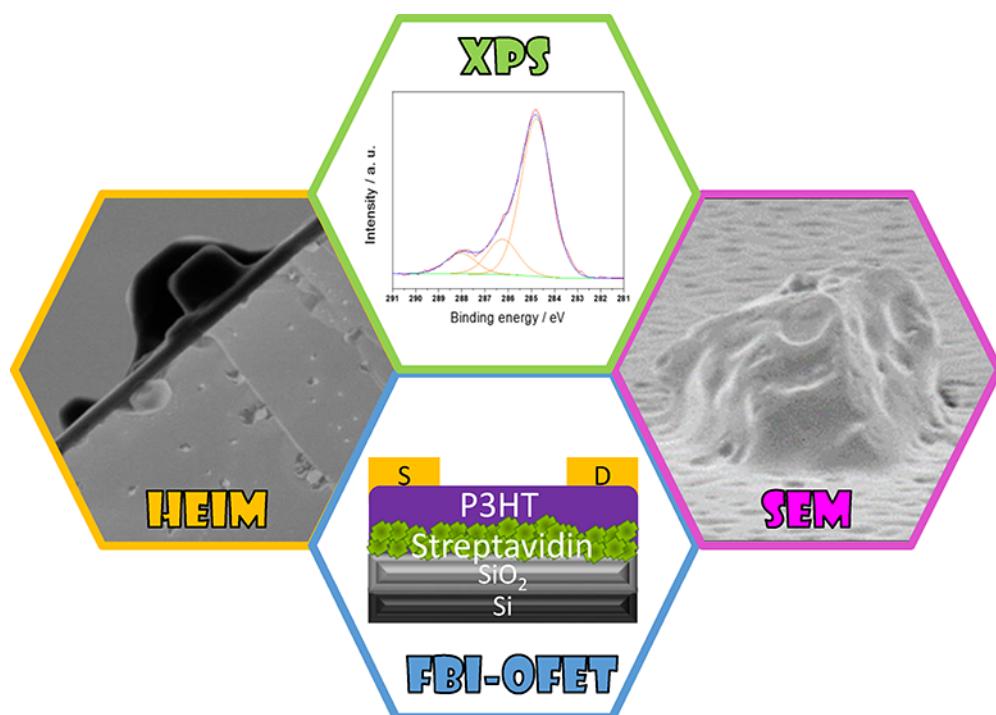
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Graphical abstract



Highlights

- Analytical performance of bioelectronic devices is influenced by fabrication routes;
- Protein deposition protocol can affect biosensor detection limits;
- Spectroscopic and morphological tools were used to study multilayered biosensors;
- Non-destructive depth profiling of multilayers was performed by angle-resolved XPS.

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