NanoBioInterface: crossing borders
Organized by C. James Kirkpatrick and William Bonfield

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Nanoparticle interaction with model lung surfactant monolayers
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Oxidative stress and inflammation response after nanoparticle exposure: differences between human lung cell monolayers and an advanced three-dimensional model of the human epithelial airways
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An impaired alveolar-capillary barrier in vitro: effect of proinflammatory cytokines and consequences on nanoparticle interaction
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Targeted drug-delivery approaches by nanoparticulate carriers in the therapy of inflammatory diseases
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Balancing protection and release of DNA: tools to address a bottleneck of non-viral gene delivery
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Bioreponsive nanosensors in medical imaging
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Biological nano-functionalization of titanium-based biomaterial surfaces: a flexible toolbox
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Fluorescence two-dimensional difference gel electrophoresis for biomaterial applications
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A Theme Supplement of Interface
Cross-disciplinary Sciences