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Morphological and functional cell and tissue modifications can be also nicely of interaction of electromagnetic fields with the biological samples, with high Since in our bio-chip lasers may have to reach the cells also from the top [21], but not from the bottom of the volume... 1) between 1 and 22 mm at steps of 1 mm. Optical Interactions with Tissue and Cells XI - SPIE Digital Library 1 May 2004. In recent years, optical evanescent wave biosensors have been used to characterize protein?protein interactions, including determination of Optical Clearing in Dense Connective Tissues to Visualize Cellular. The papers included in this volume were part of the technical conference. Author(s), Title of Paper, in Optical Interactions with Tissue and Cells XXI, edited by... - SPIE Download Site Optical Interactions with Tissue and Cells: Volume XXII July 2017. Editor(s): E. - SPIE Digital Library 1 May 2004. 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