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Sommario/riassunto	This book is based upon cutting-edge research conducted in the authors lab (Cellular Bioengineering), which over the past decade has

developed a number of sophisticated techniques to facilitate use of 3D cell based assays or biosensors. This book uses data from peer-reviewed publications to conclusively justify use of 3D cell cultures in cell-based biosensors (assays) for (HTS). The majority of assays performed in accelerated drug discovery processes are biochemical in nature, but there is a growing demand for live cell-based assays. Unlike biochemical ones, cellular assays are functional approximations of in vivo biological conditions and can provide more biologically relevant information--Provided by publisher.
