

The background of the cover is a microscopic image of cells, possibly stained with a fluorescent dye, showing internal structures and nuclei. A large, semi-circular blue overlay covers the right side of the image, containing the title and author information.

Lucian Mocan

**Molecular and
Cellular Techniques
with Applications in
Nanomedicine**

Molecular and Cellular Techniques with Applications in Nanomedicine

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Preface

During the past decade advances in functionalization chemistry have been one of the driving forces in the development of new classes of novel nanomaterials for applications in biology and medicine. Despite the impressive scientific efforts towards the development of novel nanomediated therapies, at the current time there is a tremendous need for standardizing cellular and molecular protocols used in Nanomedicine. To our best knowledge this is the first attempt to gather in a single book the most common molecular techniques used in Nanomedicine. Since Nanomedicine field is expanding and becomes part of the curricula in many universities, the present book with protocols will be extremely useful for the researchers, students and medical doctors.

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