Preface to the Third Edition

Rapid advances in nanobiotechnology and increasing translation into clinical nanomedicine have necessitated a new edition since the second edition in 2012. The chapter titles have been retained along with some basic information, which still holds, but most of the material has been replaced with new developments. Important classical references were left in, while new ones have been added. Most of the advances have occurred in nanopharmaceuticals, particularly drug delivery using nanobiotechnology. Nanooncology remains the major therapeutic area, although considerable advances have been made in other therapeutic areas. Several new nanobiotechnology-based products have been approved and some are in clinical trials. There is still an ongoing discussion of regulatory issues. Nanobiotechnology continues to play an increasingly important role in personalized medicine. The style of previous editions has been maintained, and the terminology is kept simple for a varied audience consisting of physicians, scientists, and other interested persons.

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Basel, Switzerland

Kewal K. Jain
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Jain, K.K.
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