

A microscopic view of stem cells, showing several large, spherical cells with textured surfaces. The cells are primarily blue and green, with some showing internal structures in red and white. The background is a soft, out-of-focus blue.

Khawaja Husnain Haider *editor*

# STEM CELLS

## FROM HYPE TO HOPE

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# STEM CELLS

## FROM HYPE TO HOPE

During the last two decades, stem cells have progressed from merely a concept to a vibrant field of regenerative medicine which is aimed at addressing the root cause of the problem rather than conventional methods of intervention that mostly provide symptomatic relief.

Stem cell therapy either alone or in combination with the other established treatment strategies is a hope for patients who suffer from the "incurable" diseases such as Alzheimer, diabetes, myocardial infarction etc. Besides aspirations in the clinical perspective, stem cells provide excellent in vitro disease models for drug development.

Given the significance of the field, the proposed book will be a compilation of the bench experience of experts from various research labs involved in the cutting edge area of stem cell research.

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