Nuclear Reprogramming And Stem Cells

DOWNLOAD HERE

Introduction by John Gurdon and Azim Surani.- Introduction by Ian Wilmut.- Inherent Nuclear Reprogramming in Mammalian Embryos.- Epigenetic Reprogramming During Somatic Cell Nuclear Transfer and the Development of Primordial Germ Cells.- Epigenetic Reprogramming with Oocyte Molecules.- Cell Fusion-Mediated Nuclear Reprogramming of Somatic Cells.- Generation of Induced Pluripotent Stem Cells from Somatic Cells.- The Consequences of Reprogramming a Somatic Cell for Mitochondrial DNA Transmission, Inheritance and Replication.- The Function of Nanog in Pluripotency.-The Function of Oct3/4 and Sox2 in Pluripotency.- Generation of Neural Cells from Pluripotent Stem Cells.- Non-Cell Autonomous Reprogramming Towards a Pluripotent State.- Towards Regeneration of Retinal Function Using Pluripotent Stem Cells.- Reprogramming Towards Pancreatic beta-Cells.-Pancreatic Plasticity and Reprogramming Novel Directions Towards Disease Therapy.- Phenotype and Developmental Potential of Cardiomyocytes from Induced Pluripotent Stem Cells and Human Embryonic Stem Cells.- The Generation of Disease Specific Cell Lines and Their Use for Developing Drug Therapies.- Advances in the Culture of Human Embryonic Stem Cells.- Culture adaptation of pluripotent stem cells: challenges and opportunities.- Epilogue EAN/ISBN: 9781617792250 Publisher(s): Springer, Berlin, Humana Press Format: ePub/PDF Author(s): Ainscough, Justin - Yamanaka, Shinya - Tada, Takashi

DOWNLOAD HERE

Similar manuals: