

Proteomics Of Spermatogenesis

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Recent developments of experimental techniques in cellular and molecular biology have made it possible to understand the molecular biology of male gametogenesis in greater detail. This book focuses on the description of specialized proteins, which are dominantly and/or specifically expressed in germ cells and localized in spermatozoa. There is an urgent need to classify proteins of spermatogenic cells with a view of their functions, and their applications in the regulation of fertility and in understanding infertility. The understanding of structural properties of male germ cell specific proteins can offer vulnerable points for targeted intervention in testis without generalized effects on stages of spermatogenesis. Besides targeted action in male germ cells, sperm specific proteins and polypeptides may also offer potential application in the development of a contraceptive vaccine. EAN/ISBN : 9780387276557 Publisher(s): Springer, Berlin, Springer US Discussed keywords: Proteom, Spermatogenese Format: ePub/PDF Author(s): Gupta, G. S.

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