**Proteomic Research**

**Proteomic signatures of sperm mitochondria in varicocele: clinical use as biomarkers of varicocele associated infertility.**

**Proteomic analysis of sperm proteins in infertile men with high levels of reactive oxygen species.**

**Evaluation of seminal plasma proteomics and relevance of FSH in identification of nonobstructive azoospermia: A preliminary study.**

**Towards the identification of reliable sperm biomarkers for male infertility: A sperm proteomic approach.**

**The enigmatic seminal plasma: a proteomics insight from ejaculation to fertilization.**

**Update on the proteomics of male infertility: A systematic review.**

**Proteomic signatures of infertile men with clinical varicocele and their validation studies reveal mitochondrial dysfunction leading to infertility.**

**Spermatozoa protein alterations in infertile men with bilateral varicocele.**

**Post-Translational Modifications in sperm Proteome: The Chemistry of Proteome diversifications in the Pathophysiology of male factor infertility.**

**Proteomic analysis of mature and immature ejaculated spermatozoa from fertile men.**
**Sperm proteomics: potential impact on male infertility treatment.**

**Impact of precise modulation of reactive oxygen species levels on spermatozoa proteins in infertile men.** (2015).

**Major protein alterations in spermatozoa from infertile men with unilateral varicocele.**

**Differential proteomic profiling of spermatozoal proteins of infertile men with unilateral or bilateral varicocele.**

**Comparative proteomic network signatures in seminal plasma of infertile men as a function of reactive oxygen species.**

**Proteomics, oxidative stress and male infertility.**

**Power of proteomics in linking oxidative stress and female infertility.**

**Functional proteomic analysis of seminal plasma proteins in men with various semen parameters.**

**Proteomic analysis of human spermatozoa proteins with oxidative stress.**

**Proteomic analysis of seminal fluid from men exhibiting oxidative stress.**

**Two-dimensional differential in-gel electrophoresis-based proteomics of male gametes in relation to oxidative stress.**


Proteomics: a subcellular look at spermatozoa.