

**BIOBLIOGRAPHY**

1. Agarwal A, **SAID TM**. (2003) Role of sperm chromatin abnormalities and DNA damage in male infertility (**Review**). *Hum Reprod Update*, 9, 331-345.
2. **SAID TM**, Kattal N, Sharma RK, Sikka SC, Thomas AJ, Jr., Mascha E, Agarwal A. (2003) Enhanced chemiluminescence assay versus colorimetric assay for measurement of the total antioxidant capacity of human seminal plasma. *J Androl*, 24, 676-680.
3. Saleh RA, Agarwal A, Sharma RK, **SAID TM**, Thomas AJ, Jr. (2003) Evaluation of nuclear DNA damage in spermatozoa from infertile men with varicocele. *Fertil Steril*, 80, 1431-1436.
4. **SAID TM**, Paasch U, Glander H-J, Agarwal A. (2004) Role of caspases in male infertility (Review). *Hum Reprod Update*, 10, 39-51.
5. Agarwal A, **SAID TM**. (2004) Carnitines and male infertility (Review). *Reprod Biomed Online*, 8, 376-384.
6. **SAID TM**, Agarwal A, Sharma RK, Mascha E, Sikka SC, Thomas AJ, Jr. (2004) Human sperm superoxide anion generation and correlation with semen quality in patients with male infertility. *Fertil Steril*, 82, 871-877.
7. Agarwal A, Nallella KP, Allamaneni SSR, **SAID TM**. (2004) The role of antioxidants in treatment of male infertility: An overview of the literature (Review). *Reprod Biomed Online*, 8, 616-627.
8. Sharma RK, **SAID TM**, Agarwal A. (2004) Sperm DNA Damage and its clinical relevance in assessing reproductive outcome (Review). *Asian J Androl*, 6, 139-148.
9. Agarwal A, Allamaneni SSR, **SAID TM**. (2004) Chemiluminescence technique for measuring reactive oxygen species. *Reprod Biomed Online*, 9, 472-474.
10. Nallella KP, Sharma RK, **SAID TM**, Agarwal A. (2004) Inter-sample variability in post-thaw human spermatozoa. *Cryobiology*, 49, 195-199.
11. Agarwal A, **SAID TM**. (2004) Implications of systemic malignancies on human fertility (Review). *Reprod Biomed Online*, 9, 673-679.
12. **SAID TM**, Agarwal A, Sharma RK, Thomas AJ, Jr., Sikka SC. (2005) Impact of sperm morphology on DNA damage caused by NADPH induced oxidative stress. *Fertil Steril*, 83, 95-103.
13. Agarwal A, **SAID TM**. (2005) Oxidative stress, DNA damage and apoptosis in male infertility – A clinical approach (Review). *BJU International*, 95, 503-507.
14. Grunewald S, Paasch U, **SAID TM**, Sharma RK, Glander H-J, Agarwal A. (2005) Caspase Activation in Human Spermatozoa in Response to Physiological and Pathological Stimuli. *Fertil Steril*, 83 (Suppl. 1), 1106-1112.
15. Hussein MR, Abou-Deif ES, Bedaiwy MA, **SAID TM**, Moustafa MG, Nada E, Ezat A, Agarwal A. (2005) Phenotypic characterization of the Immune and mast cell infiltrates in the human testis showing normal and abnormal spermatogenesis. *Fertil Steril*, 83, 1447-1453.
16. **SAID TM**, Grunewald S, Paasch U, Rasch M, Agarwal A, Glander H-J. (2005) Effects of magnetic-activated cell sorting on sperm motility and cryosurvival rates. *Fertil Steril*, 83, 1442-1446.

17. **SAID TM**, Grunewald S, Paasch U, Glander H-J, Baumann T, Kriegel C, Li L, Agarwal A. (2005) Advantage of combining magnetic cell separation with sperm preparation techniques. *Reprod Biomed Online*, 10, 741-746.
18. **SAID TM**, Aziz N, Sharma RK, Lewis-Jones I, Thomas AJ, Jr., Agarwal A. (2005) A novel association between sperm deformity index and oxidative stress-induced DNA damage in infertile male patients. *Asian J Androl*, 7, 121-126.
19. **SAID TM**, Agarwal A, Faclone T, Sharma RK, Bedaiwy MA, Li L. (2005) Reversibility of tumor necrosis factor (TNF)- $\alpha$  induced toxic effects by Infliximab in human spermatozoa: An in vitro model. *Fertil Steril*, 83, 1665-1673.
20. **SAID TM**, Ranga G, Agarwal A. (2005) Relationship between semen quality and tobacco chewing in men undergoing infertility evaluation. *Fertil Steril*, 84, 649-653.
21. Agarwal A, Prabakaran S, **SAID TM**. (2005) Prevention of oxidative stress injury to the sperm (Review). *J Androl*, 26, 645-660.
22. **SAID TM**, Agarwal A, Grunewald S, Rasch M, Baumann T, Kriegel C, Li L, Glander H-J, Thomas AJ, Jr., Paasch U. (2006) Selection of non-apoptotic spermatozoa as a new tool for enhancing assisted reproduction outcomes: An in-vitro model. *Biol Reprod*, 74, 530-507.
23. Agarwal A, **SAID TM**. (2006) Impaired spermatogenesis in patients treated for Hodgkin's lymphoma. *Leuk Lymphoma*, 14, 1-7.
24. Bedaiwy MA, Agarwal A, **SAID TM**, Goldberg JM, Sharma RK, Worley S, Falcone T. (2006) Differential growth of human embryos in vitro: role of total antioxidant capacity. *Fertil Steril*, 86, 304-309.
25. Grunewald S, Paasch U, **SAID TM**, Rasch M, Agarwal A, Glander H-J. (2006) Magnetic-activated cell sorting before cryopreservation preserves mitochondrial integrity in human spermatozoa. *Cell and Tissue Banking*, 7, 99-104.
26. **SAID TM**, Agarwal A, Grunewald S, Rasch M, Glander H-J, Paasch U. (2006) Evaluation of sperm recovery following annexin V MACS separation. *Reprod Biomed Online*, 13, 336-339.
27. Agarwal A, **SAID TM**, Bedaiwy MA, Banerjee J, Alvarez JG. (2006) Oxidative stress in assisted reproductive techniques setting (Review). *Fertil Steril*, 86, 503-512.
28. Aziz N, **SAID TM**, Paasch U, Agarwal A. (2007) The relationship between human sperm apoptosis, morphology and the sperm deformity index. *Hum Reprod*, 22, 1413-1419.
29. Grunewald S, **SAID TM**, Paasch U, Glander H-J, Agarwal A. (2007) Relationship between sperm apoptosis signaling and oocyte penetration capacity. *Int J Androl*, 31, 325-330.
30. **SAID TM**, Agarwal A, Zborowski M, Grunewald S, Glander H-J, Paasch U. (2008) Utility of magnetic cell separation as a molecular sperm preparation technique. *J Androl*, 29, 134-142.
31. Del Valle AP, Bradley L, **SAID TM**. (2008) Anonymous Semen Donor Recruitment without Reimbursement in Canada. *Reprod Biomed Online*, 17, 15-20.
32. **SAID TM**. (2008) Emotional stress and male infertility. *Indian J Med Res*, 128, 228-230.
33. Mahfouz R, Sharma RK, **SAID TM**, Erenpreiss J, Agarwal A. (2009) Association of sperm apoptosis and DNA ploidy with sperm chromatin quality in human spermatozoa. *Fertil Steril*, 91, 1110-1118.
34. Grunewald S, Reinhardt M, Blumenauer V, **SAID TM**, Agarwal A, Abu Hmeidan F, Glander H-J, Paasch U. (2008) Increased sperm chromatin decondensation in selected non-apoptotic spermatozoa of

patients with male infertility. *Fertil Steril* [Epub Ahead of Print].

35. **SAID TM**, Tellez S, Evenson DP, Del Valle AP. (2009) Assessment of sperm quality, DNA integrity and cryopreservation protocols in men diagnosed with testicular and systemic malignancies. *Andrologia (In Press)*.
36. Mahfouz R, **SAID TM**, Agarwal A. (2009) Potential roles of poly (ADP-ribose) polymerase (PARP) in male reproduction. *Archives of Medical Science (In Press)*.
37. Mahfouz R, **SAID TM**, Agarwal A. (2009) The diagnostic and therapeutic applications of flow cytometry in male infertility. *Archives of Medical Science (In Press)*.

### Book Chapters:

1. Agarwal A, **SAID TM**. Sperm Chromatin Assessment. In: Textbook of Assisted Reproductive Techniques, 2<sup>nd</sup> edition, Editors: DK Gardner, A Weissman, CM Howles, Z Shoham, Martin Dunitz, London, UK, Chapter 7, pp. 93-106.
2. Agarwal A, **SAID TM**. Impact of Sperm Chromatin Damage On Assisted Reproduction Outcome. In: Infertility ART & Endoscopy – Lessons learnt & Future Challenges, Editors: G Allahbadia, H Verhoeven, R De Wilde, R Merchant. BI Publishers, New Delhi, 2006, pp 296-306.
3. Agarwal A, **SAID TM**. Fertility Issues in Hematological Malignancies. In: Clinical Malignant Hematology, Editors: MS Sekeres, ME Kalaycio, BJ Bolwell. McGraw Hill, New York, Chapter 108, pp. 1169-1176.
4. Agarwal A, **SAID TM**. Tests for sperm antibodies. In: Immune infertility, Editors: R Naz and W Krauze. Springer, Philadelphia, PA (*In press*).

### Oral Presentations:

1. **SAID TM**, Grunewald S, Paasch U, Sharma RK, Glander H-J, Agarwal A (2004): Assessment of spermatozoal caspases in oxidative stress mediated apoptosis. In: 60th Annual Meeting of the American Society for Reproductive Medicine, October 16-20, 2004, Philadelphia, PA, Abstract # 04-A-311
2. **SAID TM**, Aziz N, Sharma RK, Lewis-Jones I, Thomas, AJ, Jr., Agarwal A (2004): A novel association between sperm deformity index and oxidative stress-induced DNA damage in infertile male patients. In: 60th Annual Meeting of the American Society for Reproductive Medicine, October 16-20, 2004, Philadelphia, PA, Abstract # 04-A-314
3. **SAID TM**, Agarwal A, Sharma RK (2004): A novel method to predict cryosurvival rates in an artificial insemination donor program. In: 60th Annual Meeting of the American Society for Reproductive Medicine, October 16-20, 2004, Philadelphia, PA, Abstract # 04-A-214
4. Parekattil SJ, Teloken P, **SAID TM**, Naughton CK, Pasqualotto FF, Thomas, AJ, Jr. (2004): Size matters in nonobstructive azoospermic men - Model to predict sperm at testicular sperm extraction. In: 60th Annual Meeting of the American Society for Reproductive Medicine, October 16-20, 2004, Philadelphia, PA, Abstract # 04-A-549

5. **SAID TM**, Grunewald S, Paasch U, Baumann T, Agarwal A, Glander H-J (2005): Increased sperm oocyte penetration capacity following magnetic cell separation. In: 30<sup>th</sup> Annual Meeting of the American Society of Andrology, April 02-05, Seattle, WA
6. Grunewald S, **SAID TM**, Paasch U, Kriegel C, Li L, Glander H-J, Agarwal A (2005): Correlation of apoptosis markers with the sperm oocyte penetration capacity. In: 21<sup>st</sup> Annual Meeting of ESHRE, June 19-22, Copenhagen, Denmark
7. **SAID TM**, Paasch U, Grunewald S, Rash M, Glander H-J, Agarwal A (2005): Impact of apoptosis and DNA damage on sperm chromatin decondensation following intracytoplasmic injection. In: 61<sup>st</sup> Annual Meeting of the American Society for Reproductive Medicine, October 15-19, 2005, Montreal, Canada, Abstract # 05-A-540
8. Agarwal A, **SAID TM**, Seifarth K, Evenson DP, Short RA (2005): Changes in sperm motility and chromatin integrity following contact with vagina I lubricants. In: 61<sup>st</sup> Annual Meeting of the American Society for Reproductive Medicine, October 15-19, 2005, Montreal, Canada, Abstract # 05-A-285
9. Varghese AC, Chakraborty MK, Battacharyya AK, **SAID TM**, Battacharyya SM, Agarwal A (2005): Enhancement of sperm motility by inclusion of acetyl-L-carnitine in processing media. In: 61<sup>st</sup> Annual Meeting of the American Society for Reproductive Medicine, October 15-19, 2005, Montreal, Canada, Abstract # 05-A-508
10. Aziz N, **SAID TM**, Lewis-Jones I, Paasch U, Grunewald S, Glander H-J, Agarwal A (2006): Impact of Apoptosis on Sperm Morphology and the Sperm Deformity Index. In: 22<sup>nd</sup> Annual Meeting of ESHRE, June 18-21, Prague, Czech Republic
11. **SAID TM** (2006). Plenary Lecture: Role of caspases in male infertility. In: XVIII FIGO World Congress of Gynecology & Obstetrics. November 5-10, Kuala Lumpur, Malaysia (*Invited Speaker*).
12. **SAID TM** (2006). Plenary Lecture: Human sperm nuclear DNA damage. In: XVIII FIGO World Congress of Gynecology & Obstetrics. November 5-10, Kuala Lumpur, Malaysia (*Invited Speaker*).
13. Grunewald S, Blumenauer V, Reinhardt M, Agarwal, A, **SAID TM**, Abu Hmeidan F, Glander H-J, Paasch U. Improved sperm chromatin decondensation rates in hamster-oocyte ICSI after annexin-V-MAC in infertility patients. In: 31<sup>st</sup> Annual Meeting of the American Society of Andrology, April 21-24, Tampa Bay, FL

#### Poster Presentations:

1. **SAID TM**, Agarwal A, Saleh, RA, El-Beheiry, AH, El-Shafei, AE, Hafez, SF (2002): Which test of sperm quality is clinically useful in the subsequent evaluation of normozoospermic infertile men? In: 59<sup>th</sup> Annual Meeting of the American Society for Reproductive Medicine, October 12-17, Seattle, WA, Abstract #100109.
2. Agarwal A, Park NC, **SAID TM**, Park HJ, Lee W, Seo YJ. (2003): Evaluation of the protective effect of l-carnitine and acetyl-l-carnitine on human spermatozoa during freezing and thawing. In: 19<sup>th</sup> annual meeting, European Society of Human Reproduction and Embryology, 29 June – 2 July, Madrid, Spain, Abstract # 2251.
3. Havelka P, Oborna I, Lichnovsky V, Kubinyova M, Fingerova H, **SAID TM**, Agarwal A (2003): Comparison of the level of apoptosis in the mid-secretory human endometrium. In: 19<sup>th</sup> Annual

Meeting, European Society of Human Reproduction and Embryology, June 29-July 2, Madrid, Spain, Abstract # 2297.

4. **SAID TM**, Sharma RK, Sikka SC, Thomas AT, Jr., Agarwal, A (2003): Effect of exogenous  $\beta$ -nicotinamide adenine dinucleotide phosphate reduced (NADPH) on sperm DNA integrity. In: 59th Annual Meeting of the American Society for Reproductive Medicine, October 11-15, San Antonio, TX, Abstract # 03-A-893.
5. Aziz N, **SAID TM**, Sharma RK, Rama S, Thomas AT, Jr., Agarwal, A (2003): Sperm deformity index: correlation with quality and apoptotic markers of ejaculated spermatozoa. In: 59th Annual Meeting of the American Society for Reproductive Medicine, October 11-15, San Antonio, TX, Abstract # 03-A-324.
6. Bedaiwy MA, **SAID TM**, Agarwal A, Pasqualotto E (2003) Relationship of follicular fluid growth factors with IVF outcome. In: 59th Annual Meeting of the American Society for Reproductive Medicine, October 11-15, San Antonio, TX, Abstract # 03-A-1373.
7. Bedaiwy MA, Goldberg JM, **SAID TM**, Barber M, Sharma RK, Falcone A (2003): Relationship between growth factors and the embryotoxicity of hydrosalpingeal fluid. In: 59th Annual Meeting of the American Society for Reproductive Medicine, October 11-15, San Antonio, TX, Abstract # 03-A-885.
8. **SAID TM**, Paasch U, Grunewald S, Sharma RK, Allamaneni SSR, Thomas AJ, Jr., Agarwal A, Glander H-J (2004): Caspase autoactivation pattern in ejaculated human spermatozoa. In: 29th Annual Meeting of the American Society of Andrology, April 17-20, Baltimore, MD, Abstract # 17.
9. **SAID TM**, Agarwal A, Sharma RK, Sikka S, Thomas AJ Jr (2004): Oxidative stress mediated sperm DNA damage in normozoospermic infertile patients – role of NADPH. In: 29th Annual Meeting of the American Society of Andrology, April 17-20, Baltimore, MD, Abstract # 23.
10. Sharma RK, Allamaneni S, Cunningham N, Sekhon L, **SAID TM**, Agarwal A (2004): Identifying factors impacting the recovery of total motile sperm after semen preparation for intrauterine insemination. In: 29th Annual Meeting of the American Society of Andrology, April 17-20, Baltimore, MD, Abstract # 78.
11. Allamaneni S, Nallella KP, **SAID TM**, Mascha E, Agarwal A (2004): Correlation of reactive oxygen species (ROS) levels with fertilization rate following in vitro fertilization (IVF): a meta-analysis. In: 29th Annual Meeting of the American Society of Andrology, April 17-20, Baltimore, MD, Abstract # 74.
12. **SAID TM**, Grunewald S, Paasch U, Sharma RK, Allamaneni SSR, Thomas AJ, Jr., Agarwal, A, Glander, H-J (2004): Induction of externalization of phosphatidylserine (EPS) in ejaculated human spermatozoa but not caspase activation using two models of oxidative stress. In: 29th Annual Meeting of the American Society of Andrology, April 17-20, Baltimore, MD, Abstract # 81.
13. **SAID TM**, Allamaneni S, Nallella KP, Sharma RK, Thomas AJ Jr, Agarwal, A. (2004): Prediction of sperm DNA damage in human semen by a novel reactive oxygen species-total antioxidant capacity score. In: 29th Annual Meeting of the American Society of Andrology, April 17-20, Baltimore, MD, Abstract # 143.
14. Grunewald S, **SAID TM**, Paasch U, Sharma RK, Allamaneni SSR, Thomas AJ, Jr., Glander H-J, Agarwal A (2004): Mitochondrial apoptosis and inflammasome activation in capacitated sperm. In: 29th Annual Meeting of the American Society of Andrology, April 17-20, Baltimore, MD, Abstract # 120.
15. Parekattil SJ, **SAID TM**, Falcone T, Agarwal A, Thomas, AJ Jr (2004): Pregnancy outcome prediction model for couples undergoing intrauterine insemination. In: 29th Annual Meeting of the American Society of Andrology, April 17-20, Baltimore, MD, Abstract # 79.

16. Paasch U, Grunewald S, **SAID TM**, Sharma RK, Allamaneni SSR, Thomas AJ, Jr., Glander H-J, Agarwal A (2004): Induction of type I and type II apoptosis in human spermatozoa. In: 29<sup>th</sup> Annual Meeting of the American Society of Andrology, April 17-20, Baltimore, MD, Abstract # 155.
17. Nallella KP, Allamaneni S, **SAID TM**, Sharma RK, Parekattil S, Thomas AJ Jr., Agarwal, A (2004): Role of semen quality score and reactive oxygen species levels in diagnosing male factor infertility. In: 29<sup>th</sup> Annual Meeting of the American Society of Andrology, April 17-20, Baltimore, MD, Abstract # 84.
18. Allamaneni S, Nallella KP, **SAID TM**, Sharma RK, Thomas AJ Jr, Agarwal A (2004): Defining reactive oxygen species (ROS) levels in mature and immature spermatozoa in healthy volunteers. In: 29<sup>th</sup> Annual Meeting of the American Society of Andrology, April 17-20, Baltimore, MD, Abstract # 71.
19. **SAID TM**, Nallella KP, Allamaneni S, Sharma RK, Thomas AJ Jr, Agarwal A (2004): Prediction of sperm cryosurvival rates in cancer patients. In: 99<sup>th</sup> Annual Meeting of the American Urological Association, May 8-13, San Francisco, CA, Abstract #04-AB-1354 (Discussed poster).
20. **SAID TM**, Allamaneni S, Nallella KP, Sharma RK, Bedaiwy MA, Thomas AJ Jr, Agarwal A (2004): Role of seminal growth factors in infertile men with varicocele. In: 99<sup>th</sup> Annual Meeting of the American Urological Association, May 8-13, San Francisco, CA, Abstract # 04-AB-1350 (Discussed poster).
21. **SAID TM**, Allamaneni S, Nallella KP, Sharma RK, Parekattil SJ, Thomas AJ Jr, Agarwal, A (2004): Prediction of spermatozoal DNA damage by a novel semen quality score. In: 99<sup>th</sup> Annual Meeting of the American Urological Association, May 8-13, San Francisco, CA, Abstract #04-AB-1342 (Discussed poster).
22. Nallella KP, Allamaneni S, **SAID TM**, Sharma RK, Parekattil SJ, Thomas AJ, Jr, Agarwal A (2004): Identifying infertile men with male-factor infertility with a novel semen quality (SQ) score. In: 99<sup>th</sup> Annual Meeting of the American Urological Association, May 8-13, San Francisco, CA, Abstract # 04-AB-1380 (Discussed poster).
23. Allamaneni S, Nallella KP, **SAID TM**, Sharma RK, Thomas AJ Jr, Agarwal, A (2004): Measurement of ROS levels in neat semen for assessment of seminal oxidative stress status. In: 99<sup>th</sup> Annual Meeting of the American Urological Association, May 8-13, San Francisco, CA, Abstract #04-AB-1377 (Discussed poster).
24. **SAID TM**, Grunewald S, Paasch U, Sharma RK, Glander H, Agarwal A (2004): Pathogenesis of spermatozoal apoptosis in response to anti-cancer treatment with betulinic acid. In: 60<sup>th</sup> Annual Meeting of the American Society for Reproductive Medicine, October 16-20, Philadelphia, PA, Abstract # 04-A-313.
25. **SAID TM**, Sharma RK, Bedaiwy MA, Agarwal A, Falcone T (2004): Toxicity of tumor necrosis factor (TNF)- $\alpha$  on human spermatozoa - possible role in endometriosis associated infertility. In: 60<sup>th</sup> Annual Meeting of the American Society for Reproductive Medicine, October 16-20, Philadelphia, PA, Abstract # 04-A-387.
26. **SAID TM**, Agarwal A, Sharma RK, Bedaiwy MA, Falcone T (2004): Reversibility of tumor necrosis factor (TNF)- $\alpha$  induced toxic effects by infliximab in human spermatozoa. In: 60<sup>th</sup> Annual Meeting of the American Society for Reproductive Medicine, October 16-20, Philadelphia, PA, Abstract # 04-A-399.
27. Grunewald S, Paasch U, **SAID TM**, Sharma RK, Agarwal A, Glander H (2004): Modulation of mitochondrial mediated apoptosis in ejaculated human spermatozoa and its impact on sperm motility.

In: 60th Annual Meeting of the American Society for Reproductive Medicine, October 16-20, Philadelphia, PA, Abstract # 04-A-303.

28. Grunewald S, **SAID TM**, Paasch U, Sharma RK, Agarwal A, Glander H (2004): Apoptosis signal transduction in ejaculated human spermatozoa following physiological and pathological stimuli. In: 60th Annual Meeting of the American Society for Reproductive Medicine, October 16-20, Philadelphia, PA, Abstract # 04-A-310.
29. Ranga G, **SAID TM**, Agarwal A (2004): Relationship between semen quality and tobacco chewing in infertile men. In: 60th Annual Meeting of the American Society for Reproductive Medicine, October 16-20, Philadelphia, PA, Abstract # 04-A-301.
30. Bedaiwy MA, Agarwal A, **SAID TM**, Worley S, Thornton J, Falcone T (2004): Evidence of transforming growth factor  $\beta$ -1 production by human embryos in conventional IVF cycles. In: 60th Annual Meeting of the American Society for Reproductive Medicine, October 16-20, Philadelphia, PA, Abstract # 04-A-207.
31. Bedaiwy MA, Agarwal A, **SAID TM**, S. Worley S, Thornton J, Falcone T (2004): Differential growth of human embryos *in vitro*: role of total antioxidant capacity. In: 60th Annual Meeting of the American Society for Reproductive Medicine, October 16-20, Philadelphia, PA, Abstract # 04-A-205.
32. **SAID TM**, Grunewald S, Paasch U, Kriegel C, Li L, Glander H-J, Agarwal A (2005): Increased sperm oocyte penetration capacity following magnetic cell separation. In: 30th Annual Meeting of the American Society of Andrology, April 02-05, Seattle, WA, Abstract # 21.
33. **SAID TM**, Paasch U, Grunewald S, Baumann T, Li L, Glander H-J, Agarwal A (2005): Advantage of combining magnetic cell separation with sperm preparation techniques. In: 30th Annual Meeting of the American Society of Andrology, April 02-05, Seattle, WA, Abstract # 55.
34. **SAID TM**, Paasch U, Grunewald S, Rasch M, Li L, Glander H-J, Agarwal A (2005): Enhancement of sperm cryosurvival rates by magnetic cell sorting. In: 100th Annual Meeting of the American Urological Association, May 21-26, San Antonio, TX, Abstract # 2978, (Discussed poster).
35. **SAID TM**, Paasch U, Grunewald S, Rash M, Glander H-J, Agarwal A (2005): Sperm recovery evaluation following magnetic cell sorting. In: 61st Annual Meeting of the American Society for Reproductive Medicine, October 15-19, 2005, Montreal, Canada, Abstract # 05-A-536.
36. **SAID TM**, Aziz N, Paasch U, Grunewald S, Glander H-J, Agarwal A (2005): The relationship between the Sperm Deformity Index (SDI), apoptosis and sperm penetration capacity. In: 61st Annual Meeting of the American Society for Reproductive Medicine, October 15-19, 2005, Montreal, Canada, Abstract # 05-A-745.
37. **SAID TM**, Aziz N, Paasch U, Grunewald S, Glander H-J, Agarwal A (2005): Elimination of apoptotic sperm as a measure for enhancing morphological quality as assessed by the Sperm Deformity Index (SDI). In: 61st Annual Meeting of the American Society for Reproductive Medicine, October 15-19, 2005, Montreal, Canada, Abstract # 05-A-809.
38. **SAID TM**, Agarwal A, Sharma RK, Thomas AJ, Jr. (2005): CD117 expression as a marker for germ cell isolation. In: 61st Annual Meeting of the American Society for Reproductive Medicine, October 15-19, 2005, Montreal, Canada, Abstract # 05-A-595.
39. **SAID TM**, Agarwal A, Sharma RK, Thomas AJ, Jr. (2005): Enhancing the maturational potential of male germ cells by a Sertoli cell co-culture system. In: 61st Annual Meeting of the American Society for Reproductive Medicine, October 15-19, 2005, Montreal, Canada, Abstract # 05-A-646.

40. Aziz N, **SAID TM**, Paasch U, Grunewald S, Glander H-J, Agarwal A (2005): Impact of apoptosis on sperm morphology indices. In: 61<sup>st</sup> Annual Meeting of the American Society for Reproductive Medicine, October 15-19, 2005, Montreal, Canada, Abstract # 05-A-698.
41. Agarwal A, Sharma RK, **SAID TM** (2005): Precision of SQA-V sperm quality analyzer in comparison with manual method of semen analysis. In: 61<sup>st</sup> Annual Meeting of the American Society for Reproductive Medicine, October 15-19, 2005, Montreal, Canada, Abstract # 05-A-620.
42. Sharma RK, **SAID TM**, Agarwal A (2005): Comparison of sperm motility measurement using SQA-V automated sperm analyzer and conventional manual methods. In: 61<sup>st</sup> Annual Meeting of the American Society for Reproductive Medicine, October 15-19, 2005, Montreal, Canada, Abstract # 05-A-156.
43. Paasch U, Grunewald S, **SAID TM**, Baumann T, Agarwal A, Glander H-J (2005): Maintenance of oocyte penetration capacity in non-apoptotic spermatozoa. In: 13th World Congress on In Vitro Fertilization Assisted Reproduction & Genetics, Istanbul, Turkey, May 25-29, Abstract #4.IVF.000097
44. Grunewald S, Paasch U, **SAID TM**, Rasch M, Agarwal A, Glander H-J (2005): Preservation of mitochondrial integrity and improvement of cryosurvival rates by magnetic cell sorting. In: 13th World Congress on In Vitro Fertilization Assisted Reproduction & Genetics, Istanbul, Turkey, May 25-29, Abstract #4.IVF.000098
45. **SAID TM**, Sharma RK, Thomas AJ, Jr., Agarwal A (2005): Impact of apoptosis and DNA damage on sperm chromatin decondensation following intracytoplasmic sperm injection. Cleveland Clinic Research Day, November 28, 2005, Cleveland, Ohio.
46. **SAID TM**, Sharma RK, Gupta S, Sundaram A, Bansal S, Thomas AJ, Jr., Agarwal A (2006): Standardizing optimum concentration of dichlorofluorescein-diacetate (DCFH-DA) in measuring intracellular hydrogen peroxide (H<sub>2</sub>O<sub>2</sub>) using flow cytometry (FCM). In: 31<sup>st</sup> Annual Meeting of the American Society of Andrology, April 08-11, Chicago, IL, Abstract # 106.
47. **SAID TM**, Sharma RK, Agarwal A (2006): evaluation of automated sperm concentration assessment using SQA-V sperm quality analyzer. In: 31<sup>st</sup> Annual Meeting of the American Society of Andrology, April 08-11, Chicago, IL, Abstract # 23.
48. Sharma RK, **SAID TM**, Agarwal A (2006): Normal sperm morphology assessment by SQA-V analyzer and manual method: a comparison of 2 methods. In: 31<sup>st</sup> Annual Meeting of the American Society of Andrology, April 08-11, Chicago, IL.
49. Grunewald S, Baumann T, **SAID TM**, Agarwal A, Glander H-J, Paasch U (2006): Presence and cleavage of poly-ADP-ribose polymerase-1 in human spermatozoa. In: 31<sup>st</sup> Annual Meeting of the American Society of Andrology, April 08-11, Chicago, IL, Abstract # 67.
50. **SAID TM**, Aziz N, Paasch U, Grunewald S, Rasch M, Glander H-J, Thomas AJ, Jr., Agarwal A (2006): The impact of sperm morphology and apoptosis on sperm chromatin decondensation following intracytoplasmic sperm injection using an animal model. In: 31<sup>st</sup> Annual Meeting of the American Society of Andrology, April 08-11, Chicago, IL, Abstract # 50.
51. **SAID TM**, Agarwal A, Erenpreiss J, Mahfouz R, Giwercman A, Evenson, DP (2006) Association of early apoptosis with the nuclear integrity and maturity in different seminal fractions. In: 62nd Annual Meeting of the American Society for Reproductive Medicine, October 21-25, 2006, New Orleans, Louisiana, Abstract # P-985.

52. **SAID TM**, Agarwal A, Erenpreiss J, Mahfouz R, Giwercman A, Evenson, DP (2006) Evaluation of seminal fractions using the Toluidine blue test and sperm chromatin structure assay In: 62<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine, October 21-25, 2006, New Orleans, Louisiana, Abstract # P-986.
53. **SAID TM**, Mahfouz R, Erenpreiss J, Giwercman A, Sharma RK, Agarwal A (2006) Association of intermediate staining patterns using the Toluidine blue test with late apoptosis and necrosis in human spermatozoa In: 62<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine, October 21-25, 2006, New Orleans, Louisiana, Abstract # P-988.
54. Mahfouz R, **SAID TM**, Erenpreiss J, Giwercman A, Evenson, DP, Agarwal A (2006) Comparison of DNA contents of apoptotic sperm cells in neat and processed semen In: 62<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine, October 21-25, 2006, New Orleans, Louisiana, Abstract # P-989.
55. Aziz N, **SAID TM**, Paasch U, Grunewald S, Sharma RK, Agarwal A. The cause why apoptotic sperm have poor morphology profile as assessed by the sperm deformity index (SDI): A prospective study In: 62<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine, October 21-25, 2006, New Orleans, Louisiana, Abstract # P-1002.
56. **SAID TM**, Tellez S, Del Valle AP. Evaluation of cryopreservation protocols and remote collection in cancer patients. In: 32<sup>nd</sup> Annual Meeting of the American Society of Andrology, April 21-24, 2007, Tampa Bay, FL. Poster # 84.
57. **SAID TM**, Tellez S, Del Valle AP. Sperm quality and cryopreservation tolerance in men diagnosed with testicular and systemic malignancies – a comparative study. In: 31<sup>st</sup> Annual Meeting of the American Society of Andrology, April 21-24, 2007, Tampa Bay, FL. Poster # 101.
58. Grunewald S, Blumenauer V, Reinhardt M, Agarwal, A, **SAID TM**, Abu Hmeidan F, Glander H-J, Paasch U. Improved sperm chromatin decondensation rates in hamster-oocyte ICSI after annexin-V-MAC in infertility patients. In: 32<sup>nd</sup> Annual Meeting of the American Society of Andrology, April 21-24, 2007, Tampa Bay, FL. Poster # 72.
59. **SAID TM**, Tellez S, Del Valle AP. Correlation of sperm cryosurvival rates with pre-freeze motility in cancer patients. In: 53<sup>rd</sup> Annual meeting of the Canadian Fertility and Andrology Society, September 26-29, 2007, Halifax, Nova Scotia. Poster # FP-10.
60. Del Valle AP, **SAID TM**, Kirchhof D, Tellez S. The efficacy and safety of transabdominal puncture for oocyte retrieval in patients with difficult vaginal access: A novel technique. In: 53<sup>rd</sup> Annual meeting of the Canadian Fertility and Andrology Society, September 26-29, 2007, Halifax, Nova Scotia. Poster # FP-14.
61. **SAID TM**, Tellez S, Evenson DP, Kasperson K, Del Valle AP. Assessment of sperm DNA integrity and chromatin maturity in patients with testicular and systemic Malignancies. 63<sup>rd</sup> Annual Meeting of the American Society for Reproductive Medicine, October 13-17, 2007, Washington, D.C., Abstract # P-688.
62. Mahfouz R, Agarwal A, **SAID TM**, Erenpreiss J, Giwercman A, Sharma RK. Evaluation of fertility potential by Toluidine blue test and the sperm chromatin structure assay. 63<sup>rd</sup> Annual Meeting of the American Society for Reproductive Medicine, October 13-17, 2007, Washington, D.C., Abstract # 951126.

63. **SAID TM**, Del Valle AP. Anonymous sperm donor recruitment under the Canadian regulations. In: 54th Annual meeting of the Canadian Fertility and Andrology Society, November 25-29, 2008, Calgary, Alberta. Poster # TP-03.
64. **SAID TM**, Chalah T, Del Valle AP. Number of motile sperm in donor insemination vials: Should industry standards be revisited? In: 54th Annual meeting of the Canadian Fertility and Andrology Society, November 25-29, 2008, Calgary, Alberta. Poster # FP-01.