

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel in the order listed for Form Page 2.
Follow the sample format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME		POSITION TITLE	
Pasqualotto, Fabio Firmbach		Professor of Urology	
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
Universidade de Caxias do Sul	M.D.	1993	Medicine
Universidade de São Paulo	Ph.D.	2002	Science/ Human Reproduction

A. Positions and Honors.

Positions and Employment

- 1994-1995 Medical Residency, General Surgery, Fundação Faculdade Federal de Ciências Médicas de Porto Alegre, RS, Brazil
- 1996-1997 Medical Residency, Urology, Fundação Faculdade Federal de Ciências Médicas de Porto Alegre, Brazil
- 1998-1999 Research Fellow in andrology and male infertility, Glickman Urological Institute, The Cleveland Clinic Foundation, Cleveland, OH
- 2003 – present Professor of Andrology, Faculdade de Medicina de Jundiaí, SP, Brazil
- 2004- present Professor of Anatomy, Embriology and Urology, Universidade de Caxias do Sul, RS, Brazil

Other Experience and Professional Memberships

- 2002 – present Director, CONCEPTION – Center for Human Reproduction, Caxias do Sul, RS, Brasil
- 2002 – present Member, Brazilian Society for Assisted Reproduction
- 2002 – present Member, Brazilian Society for Human Reproduction
- 2002 – present Andrology section – Brazilian Society for Human Reproduction
- 2002 – present Research Collaborator, Center for Advanced Research in Human Reproduction, Infertility and Sexual Function – The Cleveland Clinic Foundation, Cleveland, OH
- 2004 - present Member, Brazilian Society of Urology
- 2004 - present Article Reviewer, Fertility and Sterility, USA
- 2004 - present Article Reviewer, Human Reproduction, UK
- 2004 - present Article Reviewer, Asian J Androl, China,
- 2004 - present Article Reviewer, J Postgraduate Medicine, India,
- 2004 – present Article Reviewer, Journal of Urology, USA
- 2005 – present Article Reviewer, RBM Online, UK,
- 2005 – present Article Reviewer, Cadernos de Saude Publica, Brazil,
- 2005 – present Article Reviewer, Indian Journal of Urology, India,
- 2006 – present Article Reviewer, Brazilian Journal of Medical and Biological Research, Brazil
- 2007 – present Ethics committee, Universidade de Caxias do Sul, RS, Brazil
- 2007 – present Editorial board, Brazil, Reproduccion Humana, Argentina

Honors

- 1999 Society for Male Reproduction and Urology travel award, American Society for Reproductive Medicine
- 2001 International Society of Andrology travel award

B. Selected (Medline or International) peer-reviewed publications (in chronological order).

1999

1. Kolettis P, Sharma RK, Pasqualotto FF, Nelson DR, Thomas AJ, Jr., Agarwal A: Elevated seminal reactive oxygen species and depressed total antioxidant capacity in infertile men after vasectomy reversal. *Fertility and Sterility*, 71 (2): 249-255, 1999.
2. Potts JM, Pasqualotto FF, Nelson D, Thomas AJ, Jr., Agarwal A: Patients characteristics associated with vasectomy reversal. *J Urol*, 161: 1835-1839, 1999.
3. Zippe CD, Kedia S, Kedia AW, Pasqualotto FF: Viagra following radical prostatectomy - pro side. *Urology*, 54: 583-586, 1999.
4. Pasqualotto FF, Agarwal A, Srivastava M, Thomas, AJ, Jr.: Fertility outcome after repeat-vasoepididymostomy. *J Urol*, 162: 1626-1628, 1999.
5. Sharma RK, Pasqualotto FF, Nelson DR, Thomas AJ, Jr., Agarwal A: ROS-TAC is a novel marker of oxidative stress. *Hum Reprod* 14: 2801-2807, 1999.

2000

6. Zippe CD, Jhaveri FM, Klein EA, Kedia S, Pasqualotto FF, Kedia AW, Agarwal A, Montague DK, Lakin MM: Role of Viagra following radical prostatectomy. *Urology* 55: 241-245, 2000.
7. Pasqualotto FF, Sharma RK, Nelson DR, Thomas AJ, Jr., Agarwal A: Relationship between oxidative stress, semen characteristics and clinical diagnosis in men undergoing infertility investigation. *Fertil Steril* 73: 459-64, 2000.
8. Potts, JM, Sharma RK, Pasqualotto FF, Nelson DR, Agarwal A: Association of *Ureaplasma urealyticum* infection with abnormal seminal reactive oxygen species and absence of leukocytospermia. *J Urol* 163: 1775-78, 2000
9. Pasqualotto FF, Sharma, RK, Potts JM, Nelson DR, Thomas AJ, Jr., Agarwal A: Seminal Oxidative Stress in Chronic Prostatitis Patients. *Urology* 55: 881-885, 2000.
10. Pasqualotto FF, Thomas AJ, Jr.: Detection of testicular cancer in men presenting with infertility. *Urology Times*, 28: 24, 2000.

2001

11. Pasqualotto FF, Agarwal A: Should we offer semen cryopreservation to men with testicular cancer? *Clev Clin J Med*, 68(2): 101-102, 2001.
12. Pasqualotto FF, Sharma RK, Kobayashi H, Nelson DR, Thomas AJ, Jr., Agarwal A: Oxidative stress in normospermic men undergoing fertility evaluation. *J. Androl.*, 22(2): 316-322, 2001.
13. Sharma RK, Pasqualotto FF, Nelson DR, Thomas AJ, Agarwal A: Role of leukocytospermia in oxidative stress. *J. Androl.*, 22(4): 575-583, 2001.
14. Hallak J, Sharma RK, Pasqualotto FF, Ranganathan P, Thomas AJ, Jr., and Agarwal A. The role of Creatine Kinase in oligospermic infertile men. *Urology*, 58(3): 446-51, 2001.
15. Rossi-Ferragut LM, Rocha C, Iaconelli A Jr., Aoki, T., Vieira MEM, Hallak J, Farah L, Joffe R, Medeiros ARC, Pasqualotto FF, Borges E, Jr. News and Views, Pronuclear scoring and chromosomal status. *alpha Scientists in Reproductive Medicine* 24: 13-14, 2001.

2002

16. Pasqualotto FF, Rossi-Ferragut LM, Rocha C, Iaconelli A, Jr., Borges E, Jr. Outcome of in vitro fertilization and intracytoplasmic injection of epididymal and testicular sperm obtained from patients with obstructive and nonobstructive azoospermia. *J Urol*, 167: 1753-56, 2002.
17. Cherullo EE, Ponsky LE, Goyal KK, Pasqualotto F, and Zippe CD. Variable definitions influence the reporting of biochemical failure rates. *Prostate cancer and prostatic diseases*, 5: 54-58, 2002.
18. Silva CAA, Hallak J, Pasqualotto FF, Barba MF, Saito MI, Kiss MHB. Gonadal function in male adolescents and young males with juvenile onset Systemic Lupus Erythematosus. *J. Rheumatol*. 29(9): 2000-5, 2002.
19. Borges E, Jr., Rossi-Ferragut LM, Pasqualotto FF, Santos, D.R., Rocha C, Aoki, T., Iaconelli A, Jr. Testicular sperm results in elevated miscarriage rates compared to epididymal sperm in azoospermic patients. *São Paulo Med J*, 120(4): 122-6, 2002.

2003

20. Pasqualotto FF, Lucon AM, Hallak J, Saldanha LB, Góes PM, Arap S. Induction of spermatogenesis in azoospermic men undergoing varicocele repair. *Hum Reproduction*, 18(1): 108-112, 2003.
21. Rossi-Ferragut LM, Iaconelli A Jr., Aoki, T., Rocha CC, Santos DR, Pasqualotto FF, Borges E Jr. Zygote morphology scoring in male and female factor in ICSI (Intracytoplasmic sperm injection) cycles. *J Assisted Reproduction and Genetics* 20 (1): 1-7, 2003.
22. Borges E Jr., Rossi-Ferragut LM, Pasqualotto FF, Rocha CC, Iaconelli A. Is there a difference between different intervals after vasectomy and the reproductive capacity from vasectomized men? *Journal of Assisted Reproduction and Genetics* 20(1): 33-37, 2003.
23. Pasqualotto FF, Rossi-Ferragut LM, Rocha CC, Iaconelli, A Jr., Ortiz V, Borges, E Jr. Sperm retrieval and fertilization in repeated percutaneous epididymal sperm aspiration. *J Urology* 169: 1779-1781, 2003.
24. Pasqualotto FF, Agarwal A, Pasqualotto EB, Thomas AJ, Jr.: Detection of testicular cancer in men presenting with infertility. *Rev Hosp Clin Fac Med S Paulo* 58(2): 75-80, 2003.
25. Pasqualotto FF, Locambo CV, Athayde KS, Arap S. Measuring male infertility: epidemiological aspects. *Rev Hosp Clin Fac Med S Paulo* 58(3): 173-178, 2003.
26. Potts JM, and Pasqualotto FF. Relationship between chronic prostatitis and oxidative stress. *Andrologia* 35(5): 304-8, 2003.
27. Pasqualotto FF, Lucon AM, Pasqualotto EB, Arap S. Trends in male contraception. *Rev Hosp Clin Fac Med S Paulo* 58(5): 275-283, 2003.
28. Pasqualotto FF, Pasqualotto EB, Agarwal A, Thomas AJ, Jr.: Results of microsurgical anastomosis in men with seminal tract obstruction due to inguinal herniorrhaphy. *Rev Hosp Clin Fac Med S Paulo* 58(6): 305-309, 2003.

2004

29. Agarwal A, Ranganathan P, Kattal N, Pasqualotto FF, Hallak J, Khayal S, Mascha E. Fertility after cancer: a prospective review of assisted reproductive outcome with banked specimens. *Fertil. Steril* 81(2): 342-348, 2004.
30. Pasqualotto FF, Lucon AM, Hallak J, Pasqualotto EB, Arap S. Risks and benefits of hormone replacement therapy in older men. *Rev Hosp Clin Fac Med S Paulo* 59(1): 32-38, 2004.
31. Pasqualotto FF, Pasqualotto EM. The role of biochemical markers in male reproduction. *OBS & GYNAE Today* 9(5): 301-307, 2004.
32. Pasqualotto FF, Lucon AM, Sobreiro BP, Pasqualotto EB, Arap S. Best infertility treatment for the vasectomized men: assisted reproduction or vasectomy reversal? *Rev Hosp Clin Fac Med S Paulo*, 59(5): 312-315, 2004.
33. Nallella KP, Allamaneni SSR, Pasqualotto FF, Sharma RK, Thomas AJ Jr, Agarwal A. Relationship of Interleukin-6 with Semen Characteristics and Oxidative Stress in Patients with Varicocele. *Urology* 64: 1010-1013, 2004.

34. Pasqualotto FF, Ogliari KS, Pasqualotto EB. Atualidades no tratamento do homem infértil com varicocele. *Reproducción Humana*, 2: 31-41, 2004.
35. Pasqualotto FF, Lucon AM, Sobreiro BP, Pasqualotto EB, Arap S. Effects of medical therapy, alcohol, smoking and endocrine disruptors on male infertility. *Rev Hosp Clin Fac Med S Paulo* 59: 375-382, 2004.
- 2005
36. Pasqualotto FF, Lucon AM, Sobreiro BP, Hallak K, Góes PM, Pasqualotto EB, Arap S. Semen profile, testicular volume and hormonal levels in infertile patients with varicocele compared to fertile men with and without varicocele. *Fertil. Steril* 83: 74-77, 2005.
37. Pasqualotto FF, Lucon AM, Sobreiro BP, Hallak K, Góes PM, Pasqualotto EB, Arap S. Testicular growth, sperm concentration, percent motility and pregnancy outcome following varicolectomy based on testicular histology *Fertil. Steril* 83: 362-366, 2005.
38. Pasqualotto FF, Rossi LM, Guilherme P, Ortiz V, Iaconelli, A Jr., Borges, E Jr. Etiology specific outcomes of ICSI in azoospermic patients. *Fertil Steril* 83: 606-611, 2005.
39. Pasqualotto FF, Rossi LM, Guilherme P, Ortiz V, Iaconelli, A Jr., Borges, E Jr. Etiology specific outcomes of ICSI in azoospermic patients – Reply by the authors. *Fertil Steril* 84: 267-268,

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40. Pasqualotto FF, Rossi LM, Guilherme P, Ortiz V, Iaconelli, A Jr., Borges, E Jr. Sperm retrieval techniques in rats with suppressed spermatogenesis by experimental cryptorchidism. *Human Reproduction* 20: 443-447, 2005.
41. Sobreiro BP, Lucon AM, Pasqualotto FF, Hallak H, Athayde KS, Arap S. Semen analysis in fertile patients undergoing Vasectomy in the Hospital das Clinicas of the São Paulo State University: Values of reference and variations according to age, period of sexual abstinence, period of the year, smoking habits and consumption of caffeine. *São Paulo Med J* 123: 161-166, 2005.
42. Pasqualotto EB, Pasqualotto FF, Sobreiro BP, Lucon AM. Female sexual dysfunction. *Clinics* 60: 49-58, 2005.
43. Pasqualotto FF, Pasqualotto EB. Banco de sêmen e reprodução assistida para casais após tratamento do cancer no homem. *Reproduccion Humana* 1: 21-30, 2005.
44. Pasqualotto FF, Pasqualotto EB. Indicação de reversão de vasectomia e reprodução assistida no homem vasectomizado. *Reproduccion Humana* 5: 23-28, 2005.
45. Pasqualotto FF, Pasqualotto EB, Umezu FM, Salvador M. Níveis de antioxidantes enzimáticos no plasma seminal de homens férteis e inférteis. *Reproduccion Humana* 3: 11-18, 2005.
46. Pasqualotto FF, Lucon AM, Sobreiro BP, Pasqualotto EB, Arap S. Effects of medical therapy, alcohol, smoking and endocrine disruptors on male infertility. (In press, *Rev Hosp Clin Fac Med S Paulo*, 2005).
47. Pasqualotto FF, Sobreiro BP, Hallak J, Pasqualotto EB, Lucon AM. Sperm concentration and normal sperm morphology decrease and follicle-stimulating hormone increases with age. *British Journal of Urology* 96: 1087-1091, 2005.
48. Pasqualotto FF. Re: Testicular histopathological diagnosis as a predictive factor for retrieving spermatozoa for ICSI in non-obstructive azoospermic patients. *Int Braz J Urol* 31: 587-588, 2005.
49. Pasqualotto FF, Lucon AM, Góes PM, Sobreiro BP, Hallak J, Pasqualotto EB, Arap S. Is it worthwhile to operate subclinical right varicocele in patients with grade II-III varicocele in the left testicle? *Journal of Assisted Reproduction and Genetics* 22: 227-231, 2005.
50. Pasqualotto FF, Lucon AM, Góes PM, Sobreiro BP, Hallak J, Pasqualotto EB, Arap S. Relationship between the number of vein ligated in a varicolectomy with testicular volume, hormonal levels and semen parameters outcome. *Journal of Assisted Reproduction and Genetics* 22: 245-249, 2005.
51. Nandipati KC, Pasqualotto FF, Thomas AJ Jr, Agarwal A. Relationship of Interleukin - 6 with Semen Characteristics and Oxidative Stress in Vasectomy Reversal Patients. *Andrologia* 37: 131-134, 2005.

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52. Pasqualotto FF, Sobreiro BP, Hallak J, Pasqualotto EB, Lucon AM. Cigarette smoking is related to a decrease in semen volume in a population of fertile men. *British Journal of Urology* 97: 324-326, 2006.
53. Pasqualotto FF, Sobreiro BP, Hallak J, Pasqualotto EB, Lucon AM. Clinical diagnosis in men undergoing infertility investigation in a University Hospital. *Urologia Internationalis* 76: 122-125, 2006.
54. Parekattil SJ, Kwang W, Kolettis PN, Pasqualotto FF, Teloken P, Teloken C, Nangia A, Daitch JA, Neiderberger C, Thomas Jr, A. Multi-institutional validation of vasectomy reversal predictor. *Journal of Urology*, 175: 247-249, 2006.
55. Pasqualotto FF, Sobreiro BP, Hallak J, Pasqualotto EB, Athayde KS, Lucon AM. High percentage of abnormal semen parameters in a pre-vasectomy population of young men. *Fertility and Sterility* 85(4): 954-60, 2006.
56. Pasqualotto FF, Sobreiro BP, Hallak J, Pasqualotto EB, Lucon AM, Induction of spermatogenesis in azoospermic men after varicocelectomy repair: an update. *Fertility and Sterility*, 85: 635-639, 2006.

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57. Pasqualotto FF. Semen analysis: Role of age and varicocele. *J Postgraduate Med* 53(1): 1-2, 2007.
58. Pasqualotto FF, Pasqualotto EB. Reactive oxygen species and oocyte fertilization. *Hum Reprod* 22(3): 901, 2007.
59. Borges E Jr, Rossi LM, Locambo de Freitas CV, Guilherme P, Bonetti TC, Iaconelli A, Pasqualotto FF. Fertilization and pregnancy outcome after intracytoplasmic injection with fresh or cryopreserved ejaculated spermatozoa. *Fertil Steril* 87(2): 316-20, 2007.

C. Research Support (Brazilian Government Fund)

Ongoing Research Support

Oxidative stress in male infertility, prostate and testicular cancer
Process nº: 409651/2006-0 Conselho Nacional de Desenvolvimento Científico e Tecnológico (**CNPq**).