

CURRICULUM VITAE

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Francesco Saverio PANSINI, MD

Ferrara, ITALY - 44121

Phone: + 39 (0532) 205877 (office)

Fax: + 39 (0532) 248997

Mobile: + (328) 4909358

Email: eriopan@gmail.com

Web: www.francescosaveriopansini.it

Birth date and location: November 26, 1947, Bari (Italy)

Education:

M.D., Ferrara University Medical School, Italy, 1972

Ph.D., Bari University Medical School, Italy, 1974, Internal Medicine

Specialization in Gynecology (Reproductive Endocrinology), Bari University Medical School, Italy, 1982

Specialization in Clinical Biochemistry, Ferrara University Medical School, 1984

Academic Positions:

1974-1980, Graduate Research Assistant in Department of Internal Medicine, Institute of Gastroenterology, Bari University School of Medicine, Italy

1981-1982, Research Assistant Professor, Department of Obstetrics and Gynecology, Bari University School of Medicine, Bari, Italy

1982-2000, Research Assistant Professor, Department of Obstetrics and Gynecology, Ferrara University School of Medicine, Ferrara, Italy

2001- 2009, Associate Professor of Gynecology, Department of Obstetrics and Gynecology, Ferrara University School of Medicine and Director of Menopause & Osteoporosis Center, University of Ferrara, Ferrara. Italy

March 2009 – **Retired** (from University of Ferrara)

2009-2012 – Charged Professor at University of Siena (Phytotherapy Master, Pharmacy School, Director. Prof. Daniela Giachetti)

Professional Societies / Organizations:

1989 – 2012. Active member of North American Menopause Society (NAMS)

2001– 2003, Past President of GOERM (Gruppo Operativo Emilia Romagna Menopausa)

Teaching Responsibilities: since 1981 until 2009: professor of Gynecological & Reproductive Endocrinology and Climacteric Medicine (School of Medicine ,University of Ferrara, Italy), Bone Densitometry (Radiology School, University of Ferrara, Italy), Training

Medical School/students. Since 2000 until today, professor in Phytotherapy applied to women (Master in Phytotherapy, University of Siena, Italy),

Visiting Professor at: Surgery & Endocrinological DPT, Medical Center University of Colorado, Denver, USA, Osteoporosis Wikiki Center, Hawai University, Honolulu, USA, Ob/Gyn Dpt , Menopause Center, University of Cleveland, Ohio, USA, Dpt of Clinical Chemistry, University of Oulu, Finland, Reproductive Center, University of Bristol, UK.

Professional activity: Medical gynaecologist consultant at St Anna University Hospital, Ferrara (Italy) since 1981 until 2009. Since 2009 – today: gynecologist consultant at Menopause-Osteoporosis Unit - Estense Private Medical Center (Via B. S. Stefano 3, Ferrara, Italy).

Summary of Scientific Activity: The research of Dr. Pansini began in the Clinical Chemistry section at the Bari University School of Medicine within the frame of a collaborative approach between the Departments of Internal Medicine and of Biochemistry. With the time, interest shifted towards endocrine regulation of liver regeneration and the role of systemic or gut-associated hormones (including gastrin, insulin and glucagon). After moving to the Obstetric and Gynaecology department of the University of Bari and later of Ferrara, research finalized to relationships between steroid hormones dependent growth, metabolism of cyclic nucleotides and hormonal regulation in menopause, including surgical and spontaneous models in humans. These studies focused largely also on metabolic derangements in menopause including alterations in carbohydrate/lipid and in bone metabolism. Dr. Pansini was also able to transfer much of this activity from basic research to clinical applications, including interesting observations on the relationships between steroid hormones and cyclic nucleotide metabolism and presently effects of steroid hormone deprivation and oxidative challenge. As Director of the “Menopause and Osteoporosis Centre” at the University of Ferrara he is an expert in the application of DEXA methodology in clinical approaches to female osteoporotic syndrome. Recently, he expertizes in the management of climacteric women by BHT (Bioidentical Hormone Therapy) at private Clinical Center “Estense” located in Ferrara, Italy.

Scientific publications: more than 250 publications (69 in english)

Pharmacological clinical trials (phase II and III): charged by Novartis Pharma, Merck & Sharp Dohme, Schering, Whyeth.

Most significant publications:

1. Francavilla A, Pansini F, Altomare E, Albano O, Patimo A, Mollica G, Selvaggi L, Bettocchi S. Serum and placenta levels of cholestasis enzymes in pregnancy. Clin and Exper Obstet & Gynecol (ISSN: 0390-663) (Padova) 1976;3, 62-66
2. Francavilla A, Pansini F, Sansone F, Albano O, Martellotta G. Effect of glucagon infusion on plasma cyclic AMP in patients with cholestatic hepatitis and obstructive jaundice. New test of hepatic cholestasis. Clinica Chimica Acta (ISSN: 0009-8981) (London)1977;75, 351-357.
3. Francavilla A, Pansini F, Dicillo M, Mollica G, Selvaggi L, Fanizza G, Lo Presti M. Cyclic AMP levels in rat uterus during pregnancy. Clin and Exper Obstet & Gynecol (ISSN: 0390-663) (Padova) 1979;6, 204-207.

4. Bagni B, Bergamini C, Pansini F, Sacconi-Jotti G, Cavallini AR, Mollica G: A simple method for the assay of adenylate cyclase activity in specimens of human endometria. *Eur J Nucl Med* (ISSN: 0340-6997) (London) 1983;8, A27.
5. Perazzini L, Gambaccini M, Pansini F, Mollica G, Bagni B. Bone densitometry using transmission computed tomography: preliminary results. *Calcified Tissue Int* (ISSN: 0171-967X) (St Louis) 1983;35 (supp), A5
6. Cavallini AR, Malfaccini M, Pansini F, Bettocchi S Jr, Mollica G, Bagni B. Effect of ovariectomy on blood calcitonin levels. *Calcified Tissue Int* (ISSN: 0171-967X) (St Louis) 1983;35 (supp), A68.
7. Pansini F, Bianchi A, Zito V, Mollica G, Cavallini AR, Candini GC, Bagni B, Bergamini C, Bassi P. Blood prolactin levels: influence of age, menstrual cycle and oral contraceptives. *Contraception* (ISSN: 0010-7824) (New York) 1983;28, 201-207.
8. Pansini F, Bergamini CM, Bettocchi S Jr, Malfaccini M, Santoiemma M, Scoppetta V, Bagni B, Mollica G. Sex steroid hormones influence the cAMP content in human endometrium during the menstrual cycle. *Gynecol Obstet Invest* (ISSN: 0378-7347) (Basel) 1984;18, 174-177.
9. Pansini F, Bettocchi S Jr, Bergamini C, Bianchi A, Ambrosecchia R, Bagni B, Mollica G. Influence of acute estrogenic withdrawal on blood calcitonin. *Gynecol Obstet Invest* (ISSN: 0378-7347) (Basel) 1984;18, 21-26.
10. Pansini F, Bergamini C, Bettocchi S Jr, Basi P, Malfaccini M, Bagni B, Mollica G. Short-term effect of oophorectomy on lipoprotein metabolism. *Gynecol Obstet Invest* (ISSN: 0378-7347) (Basel) 1984;18, 134-139.
11. Pansini F, Bergamini CM, Malfaccini M, Cocilovo G, Linciano M, Jacobs M, Bagni B: Multiple molecular forms of prolactin during pregnancy in women. *J Endocrinol* (ISSN: 0022-0795) (Bristol) 1985;106, 81-85.
12. Bergamini CM, Pansini F, Bettocchi S Jr, Segala V, Dallochio F, Bagni B, Mollica G: Hormonal sensitivity of adenylate cyclase from human endometrium: modulation by estradiol. *J Steroid Biochem* (ISSN: 0022-4731) (Paris) 1985;22, 299-303.
13. Pansini F, Bellinazzi A, Rainaldi V, Santoiemma M, Lenzi B, Jacobs M, Mollica G, Bagni B. Serum CA125 in ovarian pathology and its variation in ovarian carcinoma after integrated therapy. *Gynecol Obstet Invest* (ISSN: 0378-7347) (Basel) 1986;21, 47-51.
14. Pansini F, Piccolo R, Bassi P, Guzzinati N, Jacobs M, Ambrosecchia R, Bergamini C, Mollica G. Basal and forskolin-stimulated cyclic adenosine monophosphate in intact human platelets during the menstrual cycle. *Am J Obstet Gynecol* (ISSN: 0002-9378) (Columbus) 1986;154, 679-682.
15. Pansini F, Bassi P, Cavallini AR, Ambrosecchia R, Bergamini CM, Meduri P, Bagni B. Effect of the hormonal contraception on serum reverse triiodothyronine levels. *Gynecol Obstet Invest* (ISSN: 0378-7347) (Basel) 23, 133-134, 1987.
16. Pansini F, Bergamini CM, Cavallini AR, Bagni B, Borghesani F, Agnello G, Mollica G. Prolactinemia during the menstrual cycle. A possible role for prolactin in the regulation of ovarian function. *Gynecol Obstet Invest* (ISSN: 0378-7347) (Basel) 1987;23, 172-176.

17. Pansini F, Ferrari C, Guerra S, Bassi P, Guzzinati N, Cocilovo G, Mollica G: Advantage of desogestrel containing pill in oral contraception: influence on blood lipids and LCAT activity. Clin Exp Obst Gyn (ISSN: 0390-663) (Padova) 1987;14, 136-139.
18. Bonaccorsi G, Pansini F. Platelet adenylate cycclase adrenoceptors-coupled activity during menstrual cycle. Gynecological Endocrinology (ISSN: 0951-3590) (Pisa) 1987;1:56.
19. Pansini F, Bergamini CM, Bellinazzi A, Andreoli M, Perri G, Bagni B, Mollica G. Ovarian steroids modulate the action of calcitonin in women. J Endocrinol (ISSN: 0022-0795) (Bristol) 1988;116, 155-159.
20. Signorini M, Pansini F, Bonaccorsi G, Mollica G, Ferrari C, Bergamini CM. Regulation of endometrial transglutaminase activity during the menstrual cycle. Biochemistry International (ISSN: 0158-5231) (North Ryde) 1988;16, 77-82
21. Pansini F, Bergamini CM, Bagni B, Linciano M, Condemi L, Bonaccorsi G, Vesce F. Studies on amniotic prolactin: chromatographic pattern and correlation with the lecithin content. Gynecol Obstet Invest (ISSN: 0378-7346) (Basel) 1989;27, 126-128
22. Bonaccorsi G, Pansini F, Segala V, Bagni B, Bergamini CM, Mollica G. Modification of number and of affinity of endometrial EGF receptors during the menstrual cycle. Eur J Obstet Gynecol Reprod Biol (ISSN: 0301-2115) (Amsterdam) 1989;33, 177-182.
23. Hoeffner R, Valpondi V, Serra MM, Bonaccorsi G, Pansini F, Bagni B. Quantitative computerized tomography (QCT) and single photon absorptiometry (SPA) in postmenopausal osteoporosis. J Bone and Mineral Research (ISSN: 0884-0431) (New York) 1989;4, S393.
24. Piva R, Kumar VL, Hanau S, Rimondi AP, Pansini F, Mollica G, Del Senno L: Abnormal methylation of estrogen receptor gene and reduced estrogen receptor RNA levels in human endometrial carcinomas. J Steroid Biochem (ISSN: 0022-4731) (Paris) 1989;32, 1-4.
25. Piva R, Kumar LV, Hanau S, Maestri I, Rimondi AP, Pansini F, Mollica G, Chambon P, Del Senno L. The methylation pattern in the 5' end of the human estrogen receptor gene is tissue specific and related to the degree of gene expression. Biochemistry International (ISSN: 0158-5231) (North Ryde) 1989;19, 267-275.
26. Pansini F, Bergamini CM, Bonaccorsi G, Breveglieri P, Calisesi M, Valpondi, Bagni B and Mollica G. Control of carbohydrate metabolism in menopausal women receiving transdermal estrogen therapy. Ann NY Acad Sci (ISSN: 0077-8923) (New York) 1990;592, 460-462.
27. Pansini F, Bonaccorsi G, Genovesi F, Folegatti MR, Bagni B, Bergamini CM, Mollica G. Influence of estrogens on serum free fatty acids levels in women. J Clin Endocrinol Metab (ISSN: 0021-972X) (New York) 1990;71,1387-1389.
28. Bagni B, Pansini F, Valpondi V. Comparison between dual energy x-rays absorbiometry (DEXA) and quantitative computed tomography. Eur J Nucl Med (ISSN: 0340-6997) (London) 1990;16, S115.

29. Vesce F, Pareschi MC, Travagli S, Tarabbia C, Pansini F, Salvatorelli G, Gulinati AM, Grandi E, Biondi C. Betamethasone-induced lecithin release in vitro from the fetal membranes. *Gynecol Obstet Invest* (ISSN: 0378-7346) (Basel) 1992;33, 134-137.
30. Pansini F, Bonaccorsi G, Calisesi M, Farina A, Levato F, Mazzotta D, Bagni B, Mollica G. Evaluation of bone metabolic markers as indicators of osteopenia in climacteric women. *Gynecol Obstet Invest* (ISSN: 0378-7346) (Basel) 1992;33, 231-235.
31. Pansini F, De Paoli D, Serra MM, Campobasso C, Levato F, Giulini D. Combined Use of progesterone challenge test and endometrium thickness evaluated by transvaginal ultrasonography in the preventive management of postmenopausal Women. *Gynecol Obstet Invest* (ISSN: 0378-7346) (Basel) 1992;34, 237-239.
32. Levato F, Bianchi A, Campobasso C, Martinello R, Pansini F, Grandi E, Mollica G: Risk factors in vulvar carcinoma recurrences. *Eur J Gynecol Oncol* 1992;14, 1-5.
33. Levato F, Bianchi A, Lenzi B, Pansini F, Randazzo F, Ferretti S, Grandi E, Mollica G: Surgical treatment of invasive carcinoma of the vulva. *Eur J Gynaec Oncol* 1992;13, 99-104.
34. Pansini F, Bonaccorsi G, Calisesi M, Campobasso C, Franze' GP, Gilli G, Locorotondo G, Mollica G. Influence of spontaneous and surgical menopause on atherogenic metabolic risk. *Maturitas* (ISSN: 0378-5122) (Limerick) 1993;17,181-190.
35. Pansini F, Campobasso C, Bonaccorsi G, Calisesi M, Defazio DD, Perri G,, Mollica G. Haematocervix during hormonal replacement therapy. Case report. *Eur J Obstet Gynecol Reprod Biol* (ISSN:0301-2115) (Amsterdam) 1993;51,167-169.
36. Pansini F, Campobasso C, Giorgetti L, Locorotondo GC, Agnello G Bassi, P, Costantino D, Sighinolfi D, Alvisi V, Mollica G. Influence of oral contraceptives on fasting gallbladder volume. *Gynecological Endocrinology* (ISSN: 0951-3590) (Pisa)1993;7,267-271.
37. Pansini F, Albertazzi P, Bonaccorsi G, Zanotti L, Campobasso C, Vigna G, Pisati R, Mollica G. Hormonal replacement therapy and lipids: Is transdermal norethisterone acetate better than oral medroxyprogesterone acetate ? *Menopause* (ISSN: 1072-3714) (Cleveland) 1994;1:119-123.
38. Pansini F, Albertazzi P, Bonaccorsi G, Calisesi M, Campobasso C, Zanotti L, Bagni B, Mollica G. The menopausal transition: a dynamic approach to the pathogenesis of neurovegetative complaints. *Eur J Obstet & Gynecol and Reprod Biol* (ISSN: 0301-2115) (Amsterdam) 1994;57:103-109.
39. Bagni B, Pansini F, Bagni I, Marzola MC, Cavallini AR. Influence of spontaneous menopause on lumbar bone mass measured by DEXA and QCT. *Bone and Mineral* (ISSN: 0169-6009) (Amsterdam) 1994;25,S32.
40. Bagni B, Cavallini AR, Bagni I, Marzola MC, Pansini F. Comparison between SPA and radial pQCT in pre and postmenopausal females. *Bone and Mineral* (ISSN: 0169-6009) (Amsterdam) 1994;25,S7.
41. Pansini F, Albertazzi P, Bonaccorsi G, Zanotti L, Porto S, Dossi L, Campobasso C, Mollica G. Trazodone: a non-hormonal alternative for neurovegetative climacteric symptoms. *Clin and Exp Obstet Gynecol* (ISSN: 0390-663) (Padova) 1995;22:1-4.

42. Pansini F, Bagni B, Bonaccorsi G, Albertazzi P, Zanotti L, Farina A, Campobasso C, Orlandi R, Mollica G. Oophorectomy and spine bone density: evidence of a higher rate of bone loss in surgical compared with spontaneous menopause. *Menopause* (ISSN:1072-3714) (Cleveland) 1995;2:109-115.
43. De Aloysio D, Pansini F, Campobasso C, Zanotti L, Abbruzzese AD, Mauloni M, Bottiglioni F. Effects of cyclic therapy with intranasal carbocalcitonin in health spontaneous postmenopausal women. *Clin Exp Obst Gyn* (ISSN: 0390-663) (Padova) 1996;23(2):87-93.
44. Mollica G, Pittini L, Minganti E, Perri G, Pansini F. Elective uterine myomectomy in pregnant women. *Clin Exp Obst Gyn* (ISSN: 0390-663) (Padova) 1996;23(3):168-172.
45. Pansini F, De Paoli D, Albertazzi P, Bonaccorsi G, Campobasso C, Zanotti L, Pisati R, Giulini NA. Sequential addition of low dose of medrogestone or medroxyprogesterone acetate to transdermal estradiol: a pilot study on their influence on the endometrium. *Eur J Obstet Gyn Reprod Biol* (ISSN: 0301-2115) (Amsterdam) 1996;68:137-141.
46. Restaino A, Campobasso C, D'Aloya A, Abbruzzese AD, Valerio A, Pansini F. Cirrhosis and pregnancy. *Clin Exp Obst Gyn* (ISSN: 0390-663) (Padova) 1996;23(4):240-247
47. Portaluppi F, Pansini F, Manfredini R, Mollica G. Relative Influence of menopausal status, age, and body mass index on blood pressure. *Hypertension* (ISSN: 0194-911X) (New Orleans) 1997;29:976-979.
48. Bacchi-Modena A, Bolis P, Campagnoli C, Di Cicco F, Meschia M, Pansini F, Huls G. Efficacy and tolerability of Estraderm MX, a new estradiol matrix patch. *Maturitas* (ISSN: 0378-5122) (Limerick) 1997;27:285-292.
49. Vigna G, Pansini F, Bonaccorsi G, Albertazzi P, Donegà P. Effect of soy on lipoproteins in postmenopausal women: a double blind, multicentre, placebo-controlled trial. *Atherosclerosis* (ISSN: 0021-9150) (Limerick) 1997;134,178.
50. Vigna_GB, Pansini F, Carantoni M, Bonaccorsi G, Stucci N, Zuliani G, Mollica G, Fellin R. Menopausal status, dyslipidaemia and thyroid function: a cross-sectional study. *Eur Menop J* (ISSN 1381-2858) (Almere)1997;4:95-104.
51. Albertazzi P, Pansini F, Bonaccorsi G, Zanotti L, Forini E, de Aloysio D. The effect of dietary soy supplementation on hot flushes. *Obstet Gynecol* (ISSN: 0029-7844) (Los Angeles) 1998;91:6-11.
52. Albertazzi P, Pansini F, Bottazzi M, Bonaccorsi G, De Aloysio D, Morton MS. Dietary Soy supplementation and phytoestrogen levels. *Obstet Gynecol Gynecol* (ISSN: 0029-7844) (Los Angeles) 1999;94:229-231
53. Rizzo N, Farina A, Pilu G, Di Luzio L, Pansini F, Carinci P, Bovicelli L. Pattern analysis for ultrasound anomalies in fetuses with normal karyotype. *Am J Perinatol* 1999;16:537-542.
54. De Aloysio D, Gambacciani M, Meschia M, Pansini F, Bacchi Modena A, Bolis P F, Massobrio M, Maiocchi G, Peruzzi E. The effect of menopause on blood lipid and lipoprotein levels. *Atherosclerosis* (ISSN: 0021-9150) (Limerick) 1999; 147:147-153

55. Meschia M, Pansini F, Bacchi Modena A, de Aloysio D, Gambacciani M, Parazzini F, Campagnoli C, Maiocchi G, Peruzzi E. Determinants of age at menopause in Italy: results from a large cross-sectional study. *Maturitas* 2000;34:119-125.
56. Gambacciani M, Meschia M, de Aloysio D, Bacchi Modena A, Pansini F, Cagnacci A, Masi F, Peruzzi E, Maiocchi G. The prevalence of climacteric symptoms and risk factors in a large Italian population of HRT-free menopausal women. The ICARUS Study Group. *Gynecological Endocrinology* 2000;14:122.
57. Meschia M, de Aloysio D, Pansini F, Bacchi Modena A, Gambacciani M, Bruschi F, Agostinelli D, Peruzzi E, Maiocchi G. The effect of transdermal HRT on blood lipid and lipoprotein levels in a cohort of postmenopausal women at risk of cardiovascular disease (CVD). The ICARUS Study Group. *Gynecological Endocrinology* 2000;14:122.
58. Farina A, Pansini F, Bacchi Modena A, de Aloysio D, Meschia M, Gambacciani M, De Luigi G, Chionna R, Peruzzi E, Maiocchi G. Epidemiology of vertebral osteoporosis in Italian climacteric population according to WHO densitometric criteria: results from the ICARUS study. *Gynecological Endocrinology* 2000;14:124.
59. Pansini F, Bacchi Modena, De Aloysio D, Gambacciani M, Meschia M, Parazzini F, Sciacchitano G, di Micco R, Peruzzi E, Maiocchi G. Sociodemographic and clinical factors associated with HRT use in women attending menopause clinics in Italy. *Climacteric* 2000;3:241-247.
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64. Bagni B, Franceschetto A, Casolo A, De Santis M, Bagni I, Pansini F, Di Leo C, Scintimammography with ^{99m}Tc-MIBI and magnetic resonance imaging in the evaluation of breast cancer. *Eur J Nucl Med Mol Imag* 2003;30:1383-1388.
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