

1. Belfiore F, Rabuazzo AM, Napoli E, Borzì V, LoVecchio L. Enzymes of glucose metabolism and of the citrate cleavage pathway in adipose tissue of normal and diabetic subjects. *Diabetes* 24: 865-873, 1975.
2. Belfiore F, LoVecchio L, Borzì V. NADPH-forming dehydrogenases in the adipose tissue of obese and non-obese diabetics *Metabolism*. 25: 723-725, 1976.
3. Belfiore F, Borzì V, Napoli E, Rabuazzo AM. Enzymes related to lipogenesis in the adipose tissue of obese subjects *Metabolism* 25: 483-493, 1976.
4. Bonora E., Coscelli C., Butturini U. Secretion and hepatic removal of insulin in nondiabetic, obese, aged subjects. *J. Am. Geriatr. Soc.* 31: 333-337, 1983.
5. Bonora E., Coscelli C., Butturini U. Secretion and hepatic removal of insulin in female obese subjects with reactive hypoglycemia. *Ann. Nutr. Metab.* 28: 305-310, 1984.
6. Bonora E., Zavaroni I., Bruschi F., Alpi O., Pezzarossa A., Guerra L., Dall'Aglia E., Coscelli C., Butturini U. Peripheral hyperinsulinemia of simple obesity: pancreatic hypersecretion or impaired insulin metabolism? *J. Clin. Endocrinol. Metab.* 55: 1121-1127, 1984.
7. Nosadini R., Avogaro A., Trevisan R., Duner E., Marescotti C., Iori E., Cobelli C., Toffolo G.: Acetoacetate and 3- hydroxybuty-rate kinetics in obese and insulin-dependent diabetic humans. *Am. J. Physiol.* 248:R611-R620, 1985.
8. Bonora E., Zavaroni I., Alpi O., Pezzarossa A., Bruschi F., Dall'Aglia E., Guerra L., Coscelli C., Butturini U. Relationship between blood pressure and plasma insulin in nonobese and obese nondiabetic subjects. *Diabetologia* 30: 719-723, 1987.
9. Cigolini M., Bonora E., Querena M., Moghetti P., Cacciatori V., Zancanaro C., Benati D., Muggeo M. Differences in glucose metabolic enzyme activities in human adipose tissue from abdominal and gluteal regions. *Metabolism* 37: 820-823, 1988.
10. Mauriege P, De Pergola G, Berlan M, Lafontan M. Human fat cell beta-adrenergic receptors: beta-agonist-dependent lipolytic responses and characterization of beta-adrenergic binding sites on human fat cell membranes with highly selective beta1-antagonists. *Journal of Lipid Research*, 29: 587-601, 1988.
11. De Pergola G, Cignarelli M, Nardelli GM, Garruti G, Corso M, Di Paolo S, Cardone F, Giorgino R. Influence of lactate on isoproterenol-induced lipolysis and beta-adrenoceptors distribution in human fat cells. *Horm. Metab. Res.* 21: 205-208, 1988.
12. Bonora E., Moghetti P., Zenere M., Tosi F., Travia D., Muggeo M. B cell secretion and insulin sensitivity in hypertensive and normotensive obese subjects. *Int. J. Obes.* 14: 735-742, 1990.

13. Xu X, De Pergola G, Bjorntorp P. The effects of androgens on the regulation of lipolysis in adipose precursor cells. *Endocrinology*, 126: 1229-1234, 1990.
14. De Pergola G, Holmang A, Svedberg J, Giorgino R, Bjorntorp P. Testosterone treatment of ovariectomized rats: effects on lipolysis regulation in adipocytes *Acta Endocrinologica*, 123: 61-66, 1990.
15. Bjorntorp P, De Pergola G, Sjoberg C, Petterson P, Hallgren P, Bostrom K, Helander KG, Seidell J. Alcohol consumption and synthesis of ethyl esters of fatty acids in adipose tissue. *Journal of Internal Medicine*, 228: 557-562, 1990.
16. De Pergola G, Xu X, Yang S, Giorgino R, Bjorntorp P. Up-regulation of androgen receptor binding in male rat fat pad adipose precursor cells exposed to testosterone: Study in a whole cell assay system. *Journal of Steroid Biochemistry and Molecular Biology*, 37: 553-558, 1990.
17. De Pergola G, Cignarelli M, Corso M, Garruti G, Di Paolo S, Giorgino R. D-(-)-Beta-Hydroxybutyrate inhibits catecholamine-stimulated lipolysis and decreases alpha-adrenoceptors affinity in human fat cells but not in lymphomonocytes. *Acta Endocrinol* 122: 1, 1990.
18. Moghetti P., Bonora F., Cigolini M., Querena M., Cacciatori V., Muggeo M. Enzymatic activities related to intermediary metabolism of glucose in circulating mononuclear cells from obese humans: relationship to enzyme activity in adipose tissue. *Enzyme Protein* 43: 26-32, 1990.
19. Bonora E., Moghetti P., Zenere M., Querena M., Tosi F., Corgnati A., Muggeo M. Plasma concentrations of growth hormone during hyperglycemic clamp with or without somatostatin infusion in obese subjects. *J. Clin. Endocrinol. Metab.* 70: 1732-1734, 1990.
20. Zancanaro C., Cigolini M., Bonora E., Moghetti P., Cacciatori V., Querena M., Muggeo M. Plasma free fatty acid concentration during hyperglycemic glucose clamp with and without somatostatin infusion in obese subjects with normal glucose tolerance. *Int. J. Obes.* 14: 551-557, 1990.
21. Bonora E., Moghetti P., Cacciatori V., Zenere M., Tosi F., Travia D., Zoppini G., Perobelli L., Muggeo M. Plasma concentrations of glucagon during hyperglycemic clamp with or without somatostatin infusion in obese subjects. *Acta Diabetol. Lat.* 27: 309-314, 1990.
22. Lancaster J.L., Ghiatas A.A., Alyassin A., Kilcoyne R.F., Bonora E., DeFronzo R.A. Measurement of abdominal fat with T1-weighted MR images. *J. Magn. Res. Imag.* 1: 363-369, 1991.

23. De Pergola G, Kjellstrom C, Holm C, Conradi N, Petterson P, Bjorntorp P. The metabolism of ethyl esters of fatty acids in adipose tissue of rats chronically exposed to ethanol. *Alcoholism Clinical and Experimental Research*, 15: 184-189, 1991.
24. Xu X, De Pergola G, Bjorntorp P. Testosterone increases lipolysis and the number of β -adrenoceptors in male rat adipocytes. *Endocrinology*, 128: 747-753, 1991.
25. De Pergola G, Giagulli VA, Garruti G, Cospite MR, Giorgino F, Cignarelli M, Giorgino R. Low dehydroepiandrosterone circulating levels in premenopausal obese women with very high body mass index. *Metabolism* 40: 1-4, 1991.
26. De Pergola G, Giorgino R. Phorbol esters and beta-adrenergic responsiveness of differentiated adipose precursor cells. *Journal of Endocrinological Investigation*, 4: 773-775, 1991.
27. De Pergola G, De Mitrio V, Cignarelli M, Garruti G, Giorgino F, Meola M, Giorgino R. Inverse relationship between cortisol excretion rate and plasminogen activator inhibitor-1 (PAI-1) antigen and activity in premenopausal obese women. *Int. J. Obesità*, 15: 619-622, 1991.
28. De Pergola G, De Mitrio V, Perricci A, Cignarelli M, Garruti G, Lomuscio S, Ferri G, Schiraldi O, Giorgino R. Influence of free testosterone on antigen levels of Plasminogen Activator Inhibitor-1 in premenopausal women with central obesity. *Metabolism*; 41: 1-4, 1992.
29. Bonora E., Del Prato S., Bonadonna R., Gulli G., Solini A., Shank M., Ghiatas A., Lancaster J., Kilcoyne R., Alyassin A., DeFronzo R. Total body fat content and fat topography are associated differently with in vivo glucose metabolism in nonobese and obese nondiabetic women. *Diabetes* 41: 1151-1159, 1992.
30. Giagulli VA, De Pergola G, Giorgino F, Cignarelli M, Abbaticchio G, Vermeullen A, Giorgino R. Increased free testosterone but normal 5α -reduced testosterone metabolites in obese premenopausal women. *Clin. Endocrinol* 36: 553-558, 1992.
31. Cignarelli M, De Cicco ML, Damato A, Paternostro A, Pagliarini S, Santoro S, Cardia L, De Pergola G, Giorgino R. High systolic blood pressure increases prevalence and severity of retinopathy in NIDDM patients. *Diabetes Care* 15(8):1002-8, 1992.
32. Giampietro O, Clerico A, Penno G, Gregori G, Del Chicca MG, Cionini R, Volpe L, Navalesi R. Endogenous digitalis-like factors (EDLF) in obese individuals: preliminary results. *J Nucl Biol Med.*; 36: 41-5, 1992.
33. Muggeo M., Moghetti P., Querena M., Cacciatori V., Zoppini G., Zenere M., Tosi F., Travia D., Bonora E. Mononuclear leukocytes from obese patients with type II diabetes have

reduced activity of hexokinase, 6-phosphofructokinase and glucose-6-phosphate dehydrogenase. *Horm. Metab. Res.* 25: 160-164, 1993.

34. Xu X, De Pergola G, Eriksson PS, Fu L, Carlsson B, Yang S, Eden S, Bjorntorp P. Postreceptor events involved in the up-regulation of β -adrenergic receptor mediated lipolysis by testosterone in rat white adipocytes. *Endocrinology*, 132: 1651-1657, 1993.
35. De Pergola G, Giorgino F, Cospite MR, Giagulli VA, Cignarelli M, Ferri G, Giorgino R. Relation between sex hormones and serum lipoprotein and lipoprotein(a) concentrations in premenopausal obese women. *Arterioscler Thromb.* 13(5):675-9, 1993.
36. De Pergola G, Cospite MR, Giagulli VA, Giorgino F, Garruti G, Cignarelli M, Giorgino R. Insulin-like growth factor-1(IGF-1) and dehydroepiandrosterone sulphate in obese women. *Int J Obes Relat Metab Disord* 17(8):481-3,1993.
37. De Pergola G, Xu X, Eriksson P, Carlsson B, Fu XL, Yang S, Eden S, Giorgino R, Bjorntorp P. Amount of G-protein alpha subunit in rat white adipocytes: lack of difference between subcutaneous and visceral fat. *Acta Endocrinologica*, 129: 366-379, 1993.
38. De Pergola G, Xu X, Carlsson B, Eriksson PS, Eden S, Giorgino R, Bjorntorp P. Estradiol regulation of mRNA expression of stimulatory G-protein alpha subunit in white adipose tissue from female rats. *European Journal of Endocrinology*, 130: 146-150, 1994.
39. De Pergola G, Xu X, Carlsson B, Eriksson PS, Giorgino R, Bjorntorp P. Messenger RNA of G-proteins alpha subunit in rat brown adipose tissue. *International Journal of Obesity*, 18: 269-272, 1994.
40. De Pergola G, Garruti G, Giorgino F, Cospite MR, Corso M, Cignarelli M, Giorgino R. Reduced effectiveness of atrial natriuretic factor in pre-menopausal obese women. *Int J Obes Relat Metab Disord.* 18(2):93-7, 1994.
41. Zamboni M, Armellini F, Turcato E, De Pergola G, Todesco T, Bissoli L, Bergamo-Andreis IA, Bosello O. Relationship between visceral fat, steroid hormones and insulin sensitivity in premenopausal obese women. *Journal of Internal Medicine*, 236: 521-527, 1994.
42. Vettor R., Macor C., Rossi E., De Palo C., Ruggeri A., Cobelli C., Federspil G.: Effect of naltrexone treatment on insulin secretion, insulin action and postprandial thermogenesis in obesity. *Horm. Metab. Res.* 26: 188-194, 1994.
43. De Pergola G, Triggiani V, Giorgino F, Cospite MR, Garruti G, Cignarelli M, Guastamacchia E, Giorgino R. The free testosterone to dehydroepiandrosterone sulphate molar ratio as a marker of visceral fat accumulation in premenopausal obese women. *Int J Obes Relat Metab Disord* 18(10):659-64, 1994.

44. Bonora E., Micciolo R., Ghiatas A.A., Lancaster J.L., Alyassin A., Muggeo M., DeFronzo R.A. Is it possible to derive a reliable estimate of human visceral and subcutaneous abdominal tissue from simple anthropometric measurements? *Metabolism* 44: 1617-1625, 1995.
45. Monti L.D., Brambilla P., Stefani I., Caumo A., Magni F., Poma R., Tomasini L., Agostini G., Galli-Kienle M., Cobelli C., Chiumello G., Pozza G.: Insulin regulation of glucose turnover and lipid levels in obese children with fasting normoinsulinaemia. *Diabetologia* 38: 739-747, 1995.
46. Goodyear, L. J., F. Giorgino, L. A. Sherman, J. Carey, R. J. Smith, G. L. Dohm. Insulin receptor phosphorylation, IRS-1 phosphorylation, and phosphatidylinositol 3-kinase activity are decreased in intact skeletal muscle strips from obese subjects. *Journal of Clinical Investigation* 95:2195-2204, 1995.
47. Mandarino L., Consoli A., Jain A., Kelley D. The interaction of carbohydrate and fat fuels in human skeletal muscle: impact of obesity and NIDDM. *Am J Physiol*, 270:E463-E470, 1996.
48. De Pergola, G., M. Zamboni, M. Sciaraffia, E. Turcato, N. Pannacciulli, F. Armellini, F. Giorgino, S. Perrini, O. Bosello, R. Giorgino. Body fat accumulation is possibly responsible for lower dehydroepiandrosterone circulating levels in premenopausal obese women. *International Journal of Obesity* 20:1105-1110, 1996.
49. Cignarelli M, De Pergola G, Picca G, Sciaraffia M, Pannacciulli N, Tarallo M, Laudadio E, Turrisi E, Giorgino R. Relationship of obesity and body fat distribution with ceruloplasmin serum levels. *Int J Obes Relat Metab Disord* 20(9):809-13, 1996.
50. Solini A., Bonora E., Bonadonna R., Castellino P., DeFronzo R.A. Protein metabolism in human obesity: relationship with glucose and lipid metabolism and with visceral adipose tissue. *J. Clin. Endocrinol. Metab.* 82: 2552-2558, 1997.
51. Macor A., Ruggeri A., Mazzonetto P., Federspil G., Cobelli C., Vettor R.: Visceral adipose tissue impairs insulin secretion and insulin sensitivity but not energy expenditure in obesity. *Metabolism*: 46: 123-129, 1997.
52. Bonadonna R., Bonora E. Glucose and free fatty acid metabolism in human obesity. Relationship with insulin resistance. *Diabetes Reviews* 5: 21-51, 1997.
53. De Pergola, G., De Mitrio V., Giorgino F., Sciaraffia M., Minenna A., Di Bari L., Pannacciulli N., Giorgino R.. Increase in both pro-thrombotic and anti-thrombotic factors in obese premenopausal women: relationship with body fat distribution. *International Journal of Obesity* 21:527-535, 1997.

54. Bonora E., Targher G., Zenere M.B., Saggiani F., Alberiche M.P., Branzi P., Muggeo M. Obesity worsens cardiovascular risk profile independently of hyperinsulinemia. *J. Intern. Med.* 241: 463-470, 1997.
55. De Pergola, G., De Mitrio V., Sciaraffia M., Pannacciulli N., Minenna A., Giorgino F., Petronelli M., Laudadio E., Giorgino R. Lower androgenicity is associated with higher plasma levels of prothrombotic factors irrespective of age, obesity, body fat distribution, and related metabolic parameters in men. *Metabolism* 46:1287-1293, 1997.
56. Vettor, R., G. De Pergola, C. Pagano, P. Englaro, E. Laudadio, F. Giorgino, W. F. Blum, R. Giorgino, G. Federspil. Gender differences in serum leptin in obese people: relationship with testosterone, body fat distribution and insulin sensitivity. *European Journal of Clinical Investigation* 27:1016-1024, 1997.
57. Turcato E, Zamboni M, De Pergola G, Armellini F, Zivelonghi A, Bergamo-Andreis IA, Giorgino R, Bosello O. Interrelationships between weight loss, body fat distribution and sex hormones in pre-menopausal and post-menopausal obese women. *Journal of Internal Medicine*, 241: 363-372, 1997.
58. De Pergola, G, Zamboni M, Pannacciulli N., Turcato E., Giorgino F., Armellini F., Logoluso F., Sciaraffia M., Bosello O., Giorgino R. Divergent effects of short-term, very-low-calorie diet on insulin-like growth factor-I and insulin-like growth factor binding protein-3 serum concentrations in premenopausal women with obesity. *Obesity Research* 6:408-415, 1998.
59. Adami GF, Cordera R, Campostano A, Bressani A, Cella F, Scopinaro N. Serum leptin and weight loss in severely obese patients undergoing biliopancreatic diversion. *Int J Obes Relat Metab Disord.* 22(8):822-4, 1998.
60. D'Adamo M, Buongiorno A, Maroccia E, Leonetti F, Barbetti F, Giaccari A, Zorretta D, Tamburrano G, Sbraccia P. Increased OB gene expression leads to elevated plasma leptin concentrations in patients with chronic primary hyperinsulinemia. *Diabetes.* 47(10):1625-9, 1998.
61. Petersen KF, Hendler R, Price TB, Perseghin G, Rothman DL, Held N, Amatruda J, Shulman GI. ¹³C/³¹P NMR studies on the mechanism of insulin resistance in obesity. *Diabetes* 47: 381-386, 1998.
62. Cella F, Adami GF, Giordano G, Cordera R. Effects of dietary restriction on serum leptin concentration in obese women. *Int J Obes Relat Metab Disord.* May;23(5):494-7, 1999.
63. De Lorenzo A, Sorge RP, Candeloro N, Di Campli C, Sesti G, Lauro R. New insights into body composition assessment in obese women. *Can J Physiol Pharmacol* 77: 17-21, 1999.

64. Camastra S., Bonora E., Del Prato S., Rett K., Weck M., Ferrannini E. on behalf of EGIR. Effect of obesity and insulin resistance on resting and glucose-induced thermogenesis in man. *Int. J. Obes.* 23: 1307-1313, 1999.
65. De Mitrio V, De Pergola G, Vettor R, Marino R, Sciaraffia M, Pagano C, Scaraggi FA, Di Lorenzo L, Giorgino R. Plasma plasminogen activator inhibitor-1 (PAI-1) is associated with plasma leptin, irrespective of body mass index, body fat mass, and plasma insulin and metabolic parameters in premenopausal women. *Metabolism (Clinical and Experimental)*, 48: 960-964, 1999.
66. Resta O, Barbaro MP, Bonfitto P, Talamo S, Legari G, De Pergola G, Minenna O, Giorgino R. Prevalence and mechanisms of diurnal hypercapnia in a sample of morbidly obese subjects with obstructive sleep apnoea. *Respiratory Medicine*, 94 (3): 240-246, 2000.
67. Armellini F, Zamboni M, De Pergola G, Bissoli L, Turcato E, Giorgino R, Bosello O. Resting energy expenditure in relation to body composition, fat distribution, and growth hormone indices in premenopausal overweight women. *Journal of Internal Medicine*, 247 (6): 709-714, 2000.
68. De Pergola G, Ciccone M, Pannacciulli N, Modugno M, Sciaraffia M, Minenna A, Rizzon P, and Giorgino R. Lower insulin sensitivity as an independent risk factor for carotid wall thickening in normotensive nondiabetic non-smoker normal weight and obese premenopausal women. *International Journal of Obesity*, 24: 825-829, 2000.
69. De Pergola G. The adipose tissue metabolism: role of testosterone and dehydroepiandrosterone *International Journal of Obesity*, 24 (suppl 2): S59-S63, 2000.
70. Marchesini G., Bianchi G., Rossi B., Muggeo M. Bonora E. Effects of hyperglycemia and hyperinsulinemia on plasma amino acids levels in obese subjects with normal glucose tolerance. *Int. J. Obes.* 24: 552-558, 2000.
71. Rivellese A, Annuzzi G. Dietary fat versus CHO in obesity and insulin resistance. *CURRENT OPINION IN CLINICAL NUTRITION AND METABOLIC CARE*, vol. 3, p. 117-120, 2000.
72. Resta O, Foschino-Barbaro MP, Legari G, Talamo S, Palumbo A, Minenna A, Giorgino R, De Pergola G. Sleep related breathing disorders, loud snoring and excessive daytime sleepiness in obese subjects. *International Journal of Obesity*, 25: 669-675, 2001.
73. Ciccone M, Vettor R, Pannacciulli N, Minenna A, Bellacicco M, Rizzon P, Giorgino R, De Pergola G. Plasma leptin is independently associated with the intima-media thickness of the common carotid artery. *International Journal of Obesity*, 25: 805-810, 2001.

74. Pannacciulli N, Cantatore FP, Minenna A, Bellacicco M, Giorgino R, De Pergola G. C-reactive protein is independently associated with total body fat, central fat and insulin resistance in adult women. *International Journal of Obesity*, 25: 1416-1420, 2001.
75. Sartori MT, Vettor R, De Pergola G, De Mitrio V, Saggiorato G, Della Mea P, Patrassi GM, Lombardi AM, Fabris R, Girolami A. Role of 4G/5G polymorphism of PAI-1 gene promoter on PAI-1 levels in obese patients: influence of fat distribution and insulin-resistance. *Thrombosis Haemostasis*, 86: 1161-1169, 2001.
76. Pannacciulli N, Cantatore FP, Minenna A, Bellacicco M, Giorgino R, De Pergola G. Urinary albumin excretion is independently associated with c-reactive protein levels in overweight and obese nondiabetic premenopausal women. *Journal of Internal Medicine*, 250 (6): 502-507, 2001.
77. Pannacciulli N, De Mitrio V, Sciaraffia M, Giorgino R, De Pergola G. A family history of type 2 diabetes is associated with lower sensitivity to activated protein C in overweight and obese premenopausal women. *Thrombosis Haemostasis*, 86: 1593-1594, 2001.
78. Pasquali R, Ambrosi B, Armanini D, Cavagnini F, Degli Uberti E, Del Rio G, De Pergola G, Ghigo E, Mantero F, Marugo M, Rotella CM, Vettor R. Cortisol and ACTH response to dexamethasone in obesity and effects of sex, body fat distribution and dexamethasone concentrations: a dose-response study. *Journal of Clinical Endocrinology & Metabolism*, 87: 166-175, 2002.
79. Pannacciulli N, De Mitrio V, Marino R, Giorgino R, De Pergola G. Effect of glucose tolerance status on PAI-1 plasma levels in overweight and obese subjects. *Obesity Research*, 10: 717-725, 2002.
80. De Pergola G, Pannacciulli N. Coagulation and fibrinolysis abnormalities in obesity. *Journal of Endocrinological Investigation*, 25: 899-904, 2002.
81. Sbraccia P, D'Adamo M, Leonetti F, Buongiorno A, Silecchia G, Basso MS, Tamburrano G, Lauro D, Federici M, Di Daniele N, Lauro R. Relationship between plasma free fatty acids and uncoupling protein-3 gene expression in skeletal muscle of obese subjects: in vitro evidence of a causal link. *Clin Endocrinol (Oxf)* 57(2):199-207, 2002.
82. Nicolai A, Ippoliti C, Petrelli MD. Laparoscopic adjustable gastric banding: essential role of psychological support. *Obes Surg*. 12(6):857-63, 2002.
83. Sentinelli F, Romeo S, Arca M, Filippi E, Leonetti F, Banchieri M, Di Mario U, Baroni MG. Human resistin gene, obesity, and type 2 diabetes: mutation analysis and population study. *Diabetes*. 51(3):860-2, 2002. *Erratum in: Diabetes* 2002 Jun;51(6):1992

84. Perseghin G, Scifo P, Danna M, Battezzati A, Benedini S, Meneghini E, Del Maschio A, Luzi L. Normal insulin sensitivity and IMCL content in overweight humans are associated with higher fasting lipid oxidation. *Am J Physiol Endocrinol Metab*; 283: E556-E564, 2002.
85. Misani P, Pozzilli P. Bather. Fernando Botero--Medellín 1932 *J Endocrinol Invest*. 25(2):198, 2002.
86. Sbraccia P, D'Adamo M, Leonetti F, Buongiorno A, Silecchia G, Basso MS, Tamburrano G, Lauro D, Federici M, Di Daniele N, Lauro R. Relationship between plasma free fatty acids and uncoupling protein-3 gene expression in skeletal muscle of obese subjects: in vitro evidence of a causal link. *Clin Endocrinol (Oxf)*. 57(2):199-207, 2002.
87. Cavagnini, F., Giorgino F., Seidell J., Van Gaal L., Eds. Obesity. New trends in basic research and clinical management. *Journal of Endocrinological Investigation* 25:816-928, 2002.
88. Ziccardi P, Nappo F, Giugliano G, Esposito K, Marfella R, Cioffi M, D'Andrea F, Molinari AM, Giugliano D. Reduction of inflammatory cytokine concentrations and improvement of endothelial functions in obese women after weight loss over one year. *Circulation*. 105(7):804-9, 2002.
89. Bellone S, Rapa A, Vivenza D, Castellino N, Petri A, Bellone J, Me E, Broglio F, Prodam F, Ghigo E, Bona G. Circulating ghrelin levels as function of gender, pubertal status and adiposity in childhood. *J Endocrinol Invest*. 25(5):RC13-5, 2002.
90. Luzi L, Perseghin G, Tambussi G, Meneghini E, Scifo P, Pagliato E, Del Maschio A, Testolin G, Lazzarin A. Intramyocellular lipid accumulation and reduced whole body lipid oxidation in HIV infected patients with lipodystrophy. *Am J Physiol Endocrinol Metab*; 284: E274-E280, 2003.
91. Esposito K, Pontillo A, Giugliano F, Giugliano G, Marfella R, Nicoletti G, Giugliano D. Association of low interleukin-10 levels with the metabolic syndrome in obese women. *J Clin Endocrinol Metab*. 88(3):1055-8, 2003.
92. Resta O, Foschino-Barbaro MP, Confitto P, Giliberti T, De Palo A, Pannacciulli N, De Pergola G. Low sleep quality and daytime sleepiness in obese patients without obstructive sleep apnoea syndrome. *Journal of Internal Medicine*, 253: 536-543, 2003
93. De Pergola G, Pannacciulli N, Ciccone M, Tartagni M, Rizzon P, Giorgino R. Free testosterone plasma levels are negatively associated with the intima-media thickness of the common carotid artery in overweight and obese glucose-tolerant young adult men. *International Journal of Obesity*, 27: 803-7, 2003.

94. Resta O, Foschino Barbaro MP, Carpagnano GE, Carbonara M, Stefano A, Pannacciulli N, De Pergola G. Diurnal PaCO₂ tension in healthy obese women : relationship with sleep disordered breathing. *International Journal of Obesity*, 27: 1453-1458, 2003.
95. Resta, Caratozzolo G, Pannacciulli N, Stefano A, Giliberti T, Carpagnano GE, De Pergola G. Gender, age and menopause effect on the prevalence and the characteristics of obstructive sleep apnea in obesity. *European Journal of Clinical Investigation*, 33: 1084-1089, 2003.
96. Pannacciulli, N., Giorgino F., Martina R. A., Resta O., Giorgino R, De Pergola G.. Effect of family history of type 2 diabetes on white blood cell count in adult women. *Obesity Research* 11:1232-1237, 2003.
97. Trischitta V. Relationship between obesity-related metabolic abnormalities and sexual function. *J Endocrinol Invest.*; 26:62-4, 2003.
98. Adami GF, Cordera R, Marinari G, Lamerini G, Andraghetti G, Scopinaro N. Plasma ghrelin concentratin in the short-term following biliopancreatic diversion. *Obes Surg.* 13(6):889-92, 2003.
99. Leonetti F, Silecchia G, Iacobellis G, Ribaudo MC, Zappaterreno A, Tiberti C, Iannucci CV, Perrotta N, Bacci V, Basso MS, Basso N, Di Mario U. Different plasma ghrelin levels after laparoscopic gastric bypass and adjustable gastric banding in morbid obese subjects. *J Clin Endocrinol Metab.* 88(9):4227-31, 2003.
100. Iacobellis G, Leonetti F, Di Mario U. Images in cardiology: Massive epicardial adipose tissue indicating severe visceral obesity. *Clin Cardiol.* 26(5):237, 2003.
101. Adami GF, Cordera R, Camerini G, Marinari GM, Scopinaro N. Recovery of insulin sensitivity in obese patients at short term after biliopancreatic diversion. *J Surg Res.* 113(2):217-21, 2003.
102. Adami GF, Cordera R, Andraghetti G, Camerini GB, Marinari GM, Scopinaro N. Changes in serum ghrelin concentration following biliopancreatic diversion for obesity. *Obes Res.* 12(4):684-7, 2004.
103. Giugliano F, Esposito K, Di Palo C, Ciotola M, Giugliano G, Marfella R, D'Armiento M, Giugliano D. Erectile dysfunction associates with endothelial dysfunction and raised proinflammatory cytokine levels in obese men. *J Endocrinol Invest.* 27(7):665-9, 2004.
104. Esposito K, Giugliano F, Di Palo C, Giugliano G, Marfella R, D'Andrea F, D'Armiento M, Giugliano D. Effect of lifestyle changes on erectile dysfunction in obese men: a randomized controlled trial. *JAMA.* 291(24):2978-84, 2004.

105. Marfella R, Esposito K, Siniscalchi M, Cacciapuoti F, Giugliano F, Labriola D, Ciotola M, Di Palo C, Misso L, Giugliano D. Effect of weight loss on cardiac synchronization and proinflammatory cytokines in premenopausal obese women. *Diabetes Care*. 27(1):47-52, 2004.
106. Resta O, Pannacciulli N, Foschino Barbaro MP, De Pergola G. High prevalence of previously unknown subclinical hypothyroidism in obese patients referred to a Sleep Clinic for sleep disordered breathing. *Nutrition, Metabolism & Cardiovascular Disease*, 14: 248-253, 2004.
107. Leonetti F, Iacobellis G, Zappaterreno A, Ribaud MC, Tiberti C, Vecci E, Di Mario U. Insulin sensitivity assessment in uncomplicated obese women: comparison of indices from fasting and oral glucose load with euglycemic hyperinsulinemic clamp. *Nutr Metab Cardiovasc Dis*. 14(6):366-72, 2004.
108. Baratta R., Amato S., Degano C., Farina MG, Patanè G., Vigneri R., Frittitta L. Adiponectin Relationship with Lipid Metabolism Is independent of Body Fat Mass: Evidence from Both Cross-Sectional and Intervention Studies. *J Clin Endocrinol Metab* 89: 2665-2671, 2004.
109. Baroni MG, Leonetti F, Sentinelli F, Romeo S, Filippi E, Fanelli M, Ribaud MC, Zappaterreno A, Fallarino M, Di Mario U The G972R variant of the insulin receptor substrate-1 (IRS-1) gene is associated with insulin resistance in "uncomplicated" obese subjects evaluated by hyperinsulinemic-euglycemic clamp. *J Endocrinol Invest*. ;27(8):754-9, 2004.
110. Marchesini G, Pontiroli AE, Salvioli G, Novi RF, Vitacolonna E, Taboga C, Ciccarone AM, Grossi E; QUOVADIS Study Group. Snoring, hypertension and Type 2 diabetes in obesity. Protection by physical activity. *J Endocrinol Invest*. 27: 150-157, 2004.
111. Iacobellis G, Ribaud MC, Zappaterreno A, Iannucci CV, Di Mario U, Leonetti F. Adapted changes in left ventricular structure and function in severe uncomplicated obesity. *Obes Res*. 12(10):1616-21, 2004.
112. Leonetti F, Iacobellis G, Ribaud MC, Zappaterreno A, Tiberti C, Iannucci CV, Vecci E, Di Mario U. Acute insulin infusion decreases plasma ghrelin levels in uncomplicated obesity. *Regul Pept*. 15;122(3):179-83, 2004.
113. Iacobellis G, Ribaud MC, Zappaterreno A, Iannucci CV, Leonetti F. Relation between epicardial adipose tissue and left ventricular mass. *Am J Cardiol*. 15;94(8):1084-7, 2004.

- 114.** Lugari R, Dei Cas A, Ugolotti D, Barilli AL, Camellini C, Ganzerla GC, Luciani A, Salerni B, Mittenperger F, Nodari S, Gnudi A, Zandomenighi R. Glucagon-like peptide 1 (GLP-1) secretion and plasma dipeptidyl peptidase IV (DPP-IV) activity in morbidly obese patients undergoing biliopancreatic diversion. *Horm Metab Res.* 36(2):111-5, 2004.
- 115.** Veronelli A, Laneri M, Ranieri R, Koprivec D, Vardaro D, Paganelli M, Folli F, Pontiroli AE. White blood cells in obesity and diabetes: effects of weight loss and normalization of glucose metabolism. *Diabetes Care* 27: 2501-2, 2004.
- 116.** Pontiroli AE, Pizzocri P, Koprivec D, Vedani P, Marchi M, Arcelloni C, Paroni R, Esposito K, Giugliano D. Body weight and glucose metabolism have a different effect on circulating levels of ICAM-1, E-selectin, and endothelin-1 in humans. *Eur J Endocrinol* 150: 195-200, 2004.
- 117.** Veronelli A, Ranieri R, Laneri M, Montorsi M, Bianchi P, Cosentino F, Paganelli M, Pontiroli AE. Gastric bezoars after adjustable gastric banding. *Obes Surg.* 14:796-7, 2004.
- 118.** Pontiroli AE, Pizzocri P, Saibene A, Girola A, Koprivec D, Fragasso G. Left ventricular hypertrophy and QT interval in obesity and in hypertension: effects of weight loss and of normalisation of blood pressure. *Int J Obes Relat Metab Disord.* 28: 1118-23, 2004.
- 119.** Adami GF, Cordera R, Camerini G, Marinari GM, Scopinaro N. Long-term normalization of insulin sensitivity following biliopancreatic diversion for obesity. *Int J Obes Relat Metab Disord.* 28(5):671-3, 2004.
- 120.** Invitti C., Gilardini L., Viberti G.C. Obesity and the metabolic syndrome in children and adolescents. *N Engl J Med.* 9;351:1146-8, 2004.
- 121.** Invitti C Gilardini L, Pontiggia B, Mazzilli G, Sartorio A, Morabito F Prevalence and concomitans of high blood pressure in Italian obese children *J Hypertension* 23:1605-1606, 2005.
- 122.** Scavini M, Pontiroli AE, Folli F. Hyperinsulinemic hypoglycemia after laparoscopic adjustable gastric banding. *N Engl J Med* 353:2822-2823, 2005.
- 123.** Sasso FC, Carbonara O, Nasti R, Marfella R, Esposito K, Rambaldi P, Mansi L, Salvatore T, Torella R, Cozzolino D. Effects of insulin on left ventricular function during dynamic exercise in overweight and obese subjects. *Eur Heart J.* 26(12):1205-12, 2005.
- 124.** Esposito K, Marfella R, Giugliano D. Fitness versus fatness: the debate continues. *Arterioscler Thromb Vasc Biol.* 25(3):e20-1, 2005.

125. Basu R., Singh R.J., Basu A., Chittilapilly E.G., Johnson M.C., Toffolo G., Cobelli C., Rizza R.A.: Obesity and type 2 diabetes do not alter splanchnic cortisol production in humans. *J Clin Endocrinol Metab.* 90(7):3919-26, 2005.
126. Iacobellis G, Ribaldo MC, Zappaterreno A, Iannucci CV, Leonetti F. Relationship of thyroid function with body mass index, leptin, insulin sensitivity and adiponectin in euthyroid obese women. *Clin Endocrinol (Oxf)* 62(4):487-91, 2005.
127. Menghini R, Marchetti V, Cardellini M, Hribal ML, Mauriello A, Lauro D, Sbraccia P, Lauro R, Federici M. Phosphorylation of GATA2 by Akt increases adipose tissue differentiation and reduces adipose tissue-related inflammation: a novel pathway linking obesity to atherosclerosis. *Circulation.* 111(15):1946-53, 2005.
128. Letizia C, Iacobellis G, Caliumi C, Leonetti F, Cotesta D, Ribaldo MC, Petramala L, Cianci R, Celi M, D'Erasmo E, Di Mario U. Acute hyperinsulinemia is associated with increased plasma adrenomedullin concentrations in uncomplicated obesity. *Exp Clin Endocrinol Diabetes.* 113(3):171-5, 2005.
129. Iacobellis G, Pistilli D, Gucciardo M, Leonetti F, Miraldi F, Brancaccio G, Gallo P, di Gioia CR. Adiponectin expression in human epicardial adipose tissue in vivo is lower in patients with coronary artery disease. *Cytokine.* 29(6):251-5, 2005.
130. Iacobellis G, Curione M, Di Bona S, Ribaldo MC, Zappaterreno A, Vecchi E, Di Mario U, Leonetti F. Effect of acute hyperinsulinemia on ventricular repolarization in uncomplicated obesity. *Int J Cardiol.* 10;99(1):161-3, 2005.
131. Bonazzi P, Petrelli MD, Lorenzini I, Peruzzi E, Nicolai A, Galeazzi R. Gastric emptying and intragastric balloon in obese patients. *Eur Rev Med Pharmacol Sci.* 9(5 Suppl 1):15-21.
132. Giorgino F, Laviola L, Eriksson JW. Regional differences of insulin action in adipose tissue: insights from in vivo and in vitro studies. *Acta Physiol Scand.* 183:13-30, 2005.
133. Menghini R, Marchetti V, Cardellini M, Hribal ML, Mauriello A, Lauro D, Sbraccia P, Lauro R, Federici M. Phosphorylation of GATA2 by Akt increases adipose tissue differentiation and reduces adipose tissue-related inflammation: a novel pathway linking obesity to atherosclerosis. *Circulation.* 111:1946-53, 2005.
134. Iacobellis G, Moschetta A, Ribaldo MC, Zappaterreno A, Iannucci CV, Leonetti F. Normal serum alanine aminotransferase activity in uncomplicated obesity. *World J Gastroenterol.* 11(38):6018-21, 2005.

135. Iacobellis G, Leonetti F. Epicardial adipose tissue and insulin resistance in obese subjects. *J Clin Endocrinol Metab.* 90(11):6300-2, 2005.
136. Iacobellis G, Ribaldo MC, Zappaterreno A, Iannucci CV, Leonetti F. Prevalence of uncomplicated obesity in an Italian obese population. *Obes Res.* 13(6):1116-22, 2005.
137. Pontiroli AE, Folli F, Paganelli M, Micheletto G, Pizzocri P, Vedani P, Luisi F, Perego L, Morabito A, Bressani Doldi S. Laparoscopic gastric banding prevents type 2 diabetes and arterial hypertension and induces their remission in morbid obesity: a 4-year case-controlled study. *Diabetes Care.* 28:2703-9, 2005.
138. Savastano S, Belfiore A, Guida B, Angrisani L, Orio F Jr, Cascella T, Milone F, Micanti F, Saldalamacchia G, Lombardi G, Colao A Role of dehydroepiandrosterone sulfate levels on body composition after laparoscopic adjustable gastric banding in pre-menopausal morbidly obese women. *J Endocrinol Invest.* 28(6):509-15, 2005.
139. Colicchio P, Tarantino G, del Genio F, Sorrentino P, Saldalamacchia G, Finelli C, Conca P, Contaldo F, Pasanisi F. Non-alcoholic fatty liver disease in young adult severely obese non-diabetic patients in South Italy. *Ann Nutr Metab.* 49(5):289-95, 2005.
140. Perego L, Pizzocri P, Corradi D, Maisano F, Paganelli M, Fiorina P, Barbieri M, Morabito A, Paolisso G, Folli F, Pontiroli AE. Circulating leptin correlates with left ventricular mass in morbid (grade III) obesity before and after weight loss induced by bariatric surgery: a potential role for leptin in mediating human left ventricular hypertrophy. *J Clin Endocrinol Metab.* 90:4087-93, 2005.
141. Weiss R, Caprio S, Trombetta M, Taksali SE, Tamborlane WV, Bonadonna R. Beta-cell function across the spectrum of glucose tolerance in obese youth. *Diabetes.* 54(6):1735-43, 2005.
142. Pozzilli P, Khazrai YM. "La Monstrua Vestida", a case of Prader-Willi syndrome. *J Endocrinol Invest.* 28(2):199, 2005.
143. Laviola L, Perrini S, Cignarelli A, Giorgino F. Insulin signalling in human adipose tissue. *Arch Physiol Biochem.* 112:82-88, 2006.
144. Vigneri P, Frasca F, Sciacca L, Frittitta L, Vigneri R. Obesity and cancer. *Nutr. Metab. Cardiovasc. Dis.* 16:1-7, 2006.
145. Gilardini L, Girola A, Morabito F, Invitti C Fasting glucose is not useful in identifying obese caucasian children with impaired glucose tolerance. *J Pediatrics* 149;242, 2006.

146. Invitti C, Pasqualinotto L., Croci M., Compare A., Valtorta L., Caffetto K, Macchiella S. Managing obese children and adolescents attending an obesity centre in northern Italy, *Obesity in practice* 1(4): 8-12, 2006.
147. Lurbe E., Invitti C., Torro I., Maronati A., Aguilar F., Sartorio A., Redon J., Parati G. The impact of the degree of obesity on the discrepancies between office and ambulatory blood pressure values in youth. *J Hypertension* 24:1557-64, 2006.
148. Briatore L, Andraghetti G, Cordera R. Effect of two fasting periods of different duration on ghrelin response to a mixed meal. *Nutr Metab Cardiovasc Dis.* 16(7):471-6, 2006.
149. Pontiroli AE, Pizzocri P, Paroni R, Folli F. Sympathetic overactivity, endothelial dysfunction, inflammation, and metabolic abnormalities cluster in grade III (World Health Organization) obesity: reversal through sustained weight loss obtained with laparoscopic adjustable gastric banding. *Diabetes Care.* 29:2735-8, 2006.
150. Silecchia G, Boru C, Pecchia A, Rizzello M, Casella G, Leonetti F, Basso N. Effectiveness of laparoscopic sleeve gastrectomy (first stage of biliopancreatic diversion with duodenal switch) on co-morbidities in super-obese high-risk patients. *Obes Surg.* 16(9):1138-44, 2006.
151. Christodoulides C, Scarda A, Granzotto M, Milan G, Dalla Nora E, Keogh J, De Pergola G, Stirling H, Pannacciulli N, Sethi JK, Federspil G, Vidal-Puig T, Farooqi S, O'Rahilly S, Vettor R. WNT10B mutations in human obesity. *Diabetologia*, 49: 678-684, 2006.
152. Masserini B, Morpurgo PS, Donadio F, Baldessari C, Bossi R, Beck-Peccoz P, Orsi E. Reduced levels of adiponectin in sleep apnea syndrome. *J Endocrinol Invest.* 29:700-705, 2006.
153. De Pergola G, Maldera S, Tartagni M, Pannacciulli N, Loverro G, Giorgino R. Inhibitory effect of obesity on gonadotropin, estradiol and inhibin B levels in fertile women. *Obesity Research*, 14: 1954-1960, 2006.
154. Iacobellis G, Petrone A, Leonetti F, Buzzetti R. Left ventricular mass and +276 G/G single nucleotide polymorphism of the adiponectin gene in uncomplicated obesity. *Obesity (Silver Spring).* Mar;14(3):368-72, 2006.
155. Pasimeni G, Ribaud MC, Capoccia D, Rossi F, Bertone C, Leonetti F, Santemma V. Non-invasive evaluation of endothelial dysfunction in uncomplicated obesity: relationship with insulin resistance. *Microvasc Res.* 71(2):115-20, 2006.

- 156.** Christopoulou-Aletra H, Papavramidou N, Pozzilli P. Obesity in the Neolithic era: a Greek female figurine. *Obes Surg.* 16(8):1112-4, 2006.
- 157.** Laviola L, Perrini S, Cignarelli A, Natalicchio A, Leonardini A, De Stefano F, Cuscito M, De Fazio M, Memeo V, Neri V, Cignarelli M, Giorgino R, Giorgino F. Insulin signaling in human visceral and subcutaneous adipose tissue in vivo. *Diabetes.* 55:952-961, 2006.
- 158.** Baratta R., Degano C., Leonardi D., Vigneri R., Frittitta L. High prevalence of overweight and obesity in 11 – 15-year-old children from Sicily. *Nutr Metab & Cardiovasc Diseases* 16: 249-255, 2006.
- 159.** Baldelli R, Bellone S, Castellino N, Petri A, Rapa A, Vivenza D, Bellone J, Broglio F, Ghigo E, Bona G. Oral glucose load inhibits circulating ghrelin levels to the same extent in normal and obese children. *Clin Endocrinol (Oxf).* 64(3):255-9, 2006.
- 160.** De Pergola G, Di Roma P, Paoli G, Guida P, Pannacciulli N, Giorgino R. Haptoglobin serum levels are independently associated with insulinemia in overweight and obese women. *Journal of Endocrinological Investigation*, 30: 399-403, 2007.
- 161.** Serino M, Menghini R, Fiorentino L, Amoruso R, Mauriello A, Lauro D, Sbraccia P, Hribal ML, Lauro R, Federici M. Mice heterozygous for tumor necrosis factor- α converting enzyme are protected from obesity-induced insulin resistance and diabetes. *Diabetes.* 56:2541-6, 2007.
- 162.** De Pergola G, Ciampolillo A, Paolotti S, Trerotoli P, Giorgino R. Free triiodothyronine and thyroid stimulating hormone serum levels are directly associated with waist circumference, independently of insulin resistance, metabolic parameters and blood pressure levels in overweight and obese women. *Clinical Endocrinology*, 67: 265-269, 2007.
- 163.** Iacobellis G, Leonetti F, Singh N, M Sharma A. Relationship of epicardial adipose tissue with atrial dimensions and diastolic function in morbidly obese subjects. *Int J Cardiol.* 115(2):272-3, 2007.
- 164.** Murialdo G, Casu M, Falchero M, Brugnolo A, Patrone V, Cerro PF, Ameri P, Andraghetti G, Briatore L, Copello F, Cordera R, Rodriguez G, Ferro AM. Alterations in the autonomic control of heart rate variability in patients with anorexia or bulimia nervosa: correlations between sympathovagal activity, clinical features, and leptin levels. *J Endocrinol Invest.* 30(5):356-62, 2007.
- 165.** Perseghin G, Lattuada G, De Cobelli F, Esposito A, Belloni E, Canu T, Ragona F, Scifo P, Del Maschio A, Luzi L. Serum retinol-binding protein-4, leptin, and adiponectin

- concentrations are related to ectopic fat accumulation. *J Clin Endocrinol Metab.* 92(12):4883-8, 2007.
- 166.** Perseghin G, Ntali G, De Cobelli F, Lattuada G, Esposito A, Costantino F, Ragona F, Canu T, Belloni E, Scifo P, Del Maschio A, Luzi L. Abnormal left ventricular energy metabolism in obese men with preserved systolic and diastolic functions is associated with insulin resistance. *Diabetes Care* 30: 1520-1527, 2007.
- 167.** Pontiroli AE, Fossati A, Vedani P, Fiorilli M, Folli F, Paganelli M, Marchi M, Maffei C. Post-surgery adherence to scheduled visits and compliance, more than personality disorders, predict outcome of bariatric restrictive surgery in morbidly obese patients. *Obes Surg.* 17:1492-7, 2007.
- 168.** Folli F, Pontiroli AE, Schwesinger WH. Metabolic aspects of bariatric surgery. *Med Clin North Am.* 91:393-414, 2007.
- 169.** Marini MA, Succurro E, Frontoni S, Hribal ML, Andreozzi F, Lauro R, Perticone F, Sesti G. Metabolically healthy but obese women have an intermediate cardiovascular risk profile between healthy nonobese women and obese insulin-resistant women. *Diabetes Care.* 30:2145-7, 2007.
- 170.** Wiedmer P, Nogueiras R, Broglio F, D'Alessio D, Tschöp MH. Ghrelin, obesity and diabetes. *Nat Clin Pract Endocrinol Metab.* 3(10):705-12, 2007.
- 171.** Iannucci CV, Capoccia D, Calabria M, Leonetti F. Metabolic syndrome and adipose tissue: new clinical aspects and therapeutic targets. *Curr Pharm Des.* 13(21):2148-68, 2007.
- 172.** Iacobellis G, Moschetta A, Buzzetti R, Ribaudo MC, Baroni MG, Leonetti F. Aminotransferase activity in morbid and uncomplicated obesity: predictive role of fasting insulin. *Nutr Metab Cardiovasc Dis.* 17(6):442-7, 2007.
- 173.** Garruti G., Giusti V., Nussberger J., Darimont C., Verdumo C., Amstutz C., Puglisi F., Giorgino F., Giorgino R., Cotecchia S.. Expression and secretion of the atrial natriuretic peptide in human adipose tissue and preadipocytes. *Obesity (Silver Spring)* 15:2181-2189, 2007.
- 174.** Mammarella S, Creati B, Staniscia T, Verginelli F, Manzoli L, Di Valerio A, Aceto G, Romano F, Cama G, Capani F, Consoli A, Vitacolonna E, Esposito-Del Puente A, Battista P, Della Loggia F, Mariani-Costantini R, Quon MJ, Cama A. Obesity modifies the effects of the Asp905Tyr variant of PPP1R3A on risk of type 2 diabetes and insulin sensitivity. *Diabetes Obes Metab.* 9:759-61, 2007.

175. Alberti L, Gilardini L, Girola A, Moro M, Cavagnini F, Invitti C Adiponectin receptors gene expression in lymphocytes of obese and anorectic patients. *Diabetes Obes Metab.* 9:344-9, 2007.
176. Gilardini L., Parati G., Sartorio A., Mazzilli G., Pontiggia B, Invitti C.. Sympathoadrenergic and metabolic factors are involved in ambulatory blood pressure rise in childhood obesity. *J Human Hypertension* 22:75-82, 2008.
177. Coppola A, Marfella R, Coppola L, Tagliamonte E, Fontana D, Liguori E, Cirillo T, Cafiero M, Natale S, Astarita C. Effect of weight loss on coronary circulation and adiponectin levels in obese women. *Int J Cardiol.* 134(3):414-6, 2008.
178. De Pergola G, Pannacciulli N, Coviello M, Scarangella A, Di Roma P, Caringella M, Venneri MT, Quaranta M, Giorgino R. P-selectin plasma levels in obesity: association with insulin resistance and related metabolic and prothrombotic factors. *Nutrition, Metabolism & Cardiovascular Disease*, 18: 227-232, 2008.
179. Zoico E, Zamboni M, Di Francesco V, Mazzali G, Fantin F, De Pergola G, Zivelonghi A, Adami S, Bosello O. Relationship between adiponectin and bone mineral density in elderly post-menopausal women: role of body composition, leptin, insulin resistance, and dehydroepiandrosterone sulphate. *Journal of Endocrinological Investigation*, 31: 297-302, 2008.
180. Garruti G., Cotecchia S., Giampetruzzi F., Giorgino F., Giorgino R. Neuroendocrine deregulation of food intake, adipose tissue and the gastrointestinal system in obesity and metabolic syndrome. *Journal of Gastrointestinal and Liver Diseases* 17:193-198, 2008.
181. Perrini S, Leonardini A, Laviola L, Giorgino F. Biological specificity of visceral adipose tissue and therapeutic intervention. *Arch Physiol Biochem.* 114:277-286, 2008.
182. De Pergola, G., F. Giorgino, R. Benigno, P. Guida, R. Giorgino. Independent influence of insulin, catecholamines, and thyroid hormones on metabolic syndrome. *Obesity (Silver Spring)* 16:2405-2411, 2008.
183. Pontiroli AE. Surgical treatment of obesity: impact on diabetes and other comorbidities. *Nutr Metab Cardio Dis.* 18: 1-6, 2008.
184. Malavazos AE, Cereda E, Delnevo A, Passeri E, Tufano A, Sburlati L, Orsi E, Morricone L, Ambrosi B. Thyroid function and body weight: should we also consider the interplay with insulin resistance and fat distribution? *Arch Intern Med.* 168:2284, 2008.

- 185.** Maffei C, Manfredi R, Trombetta M, Sordelli S, Storti M, Benuzzi T, Bonadonna RC. Insulin sensitivity is correlated with subcutaneous but not visceral body fat in overweight and obese prepubertal children. *J Clin Endocrinol Metab.* 93(6):2122-8, 2008.
- 186.** Cali' AM, Bonadonna RC, Trombetta M, Weiss R, Caprio S. Metabolic abnormalities underlying the different prediabetic phenotypes in obese adolescents. *J Clin Endocrinol Metab.* 93(5):1767-73, 2008.
- 187.** Gatti A., Morini E., De Cosmo S., Maiani F., Mandosi E., Fallarino M., Morano S., Trischitta V. Metabolic syndrome is not a risk factor for kidney dysfunction in obese non diabetic subjects. *Obesity* 4:899-901, 2008.
- 188.** Abdullahi M, Annibale B, Capoccia D, Tari R, Lahner E, Osborn J, Leonetti F, Severi C. The eradication of *Helicobacter pylori* is affected by body mass index (BMI). *Obes Surg.* 18(11):1450-4, 2008.
- 189.** Iacobellis G, Pellicelli AM, Grisorio B, Barbarini G, Leonetti F, Sharma AM, Barbaro G. Relation of epicardial fat and alanine aminotransferase in subjects with increased visceral fat. *Obesity (Silver Spring).* 16(1):179-83, 2008.
- 190.** Bonora E, Capaldo B, Perin PC, Del Prato S, De Mattia G, Frittitta L, Frontoni S, Leonetti F, Luzi L, Marchesini G, Marini MA, Natali A, Paolisso G, Piatti PM, Pujia A, Solini A, Vettor R, Bonadonna RC; Group of Italian Scientists of Insulin Resistance (GISIR). Hyperinsulinemia and insulin resistance are independently associated with plasma lipids, uric acid and blood pressure in non-diabetic subjects. The GISIR database. *Nutr Metab Cardiovasc Dis.* 18:624-31, 2008.
- 191.** Perrini S, Laviola L, Cignarelli A, Melchiorre M, De Stefano F, Caccioppoli C, Natalicchio A, Orlando MR, Garruti G, De Fazio M, Catalano G, Memeo V, Giorgino R, Giorgino F. Fat depot-related differences in gene expression, adiponectin secretion, and insulin action and signalling in human adipocytes differentiated in vitro from precursor stromal cells. *Diabetologia* 51:155-164, 2008.
- 192.** Sentinelli F, Romeo S, Cambuli VM, Cossu E, Cavallo MG, Buzzetti R, Baroni MG. Search for genetic variants in the BEACON (UBL5) gene by PCR-single strand conformational polymorphism in obese children. *Journal of Pediatric Endocrinology and Metabolism* 21(12):1139-1145, 2008.
- 193.** Gentilucci UV, Picardi A, Manfrini S, Khazrai YM, Fioriti E, Altomare M, Guglielmi C, Di Stasio E, Pozzilli P. Westernization of the Filipino population resident in Rome: obesity, diabetes and hypertension. *Diabetes Metab Res Rev.* 24(5):364-70, 2008.

- 194.** Cambuli VM, Musiu MC, Incani M, Paderi M, Serpe R, Marras V, Cossu E, Cavallo MG, Mariotti S, Loche S, Baroni MG. Assessment of adiponectin and leptin as biomarkers of positive metabolic outcomes after lifestyle intervention in overweight and obese children. *J Clin Endocrin Metab* 93(8):3051-3057, 2008.
- 195.** Succurro E, Marini MA, Frontoni S, Hribal ML, Andreozzi F, Lauro R, Perticone F, Sesti G. Insulin secretion in metabolically obese, but normal weight, and in metabolically healthy but obese individuals. *Obesity (Silver Spring)*. 16:1881-6, 2008.
- 196.** Gastaldelli A, Perego L, Paganelli M, Sesti G, Hribal M, Chavez AO, Defronzo RA, Pontiroli A, Folli F. Elevated concentrations of liver enzymes and ferritin identify a new phenotype of insulin resistance: effect of weight loss after gastric banding. *Obes Surg*. 19:80-6, 2009.
- 197.** Marfella R, Grella R, Rizzo MR, Barbieri M, Grella R, Ferraraccio F, Cacciapuoti F, Mazzearella G, Ferraro N, D'andrea F, Paolisso G, Nicoletti G. Role of Subcutaneous Abdominal Fat on Cardiac Function and Proinflammatory Cytokines in Premenopausal Obese Women. *Ann Plast Surg*. 63(5):490-5, 2009.
- 198.** Tesauro M, Schinzari F, Rovella V, Di Daniele N, Lauro D, Mores N, Veneziani A, Cardillo C. Ghrelin restores the endothelin 1/nitric oxide balance in patients with obesity-related metabolic syndrome. *Hypertension*. 54(5):995-1000, 2009.
- 199.** De Pergola G, Tartagni M, d'Angelo F, Centoducati C, Guida P, Giorgino R. Abdominal fat accumulation, and not insulin resistance, is associated to oligomenorrhea in non-hyperandrogenic women overweight/obese women. *Journal of Endocrinological Investigation*, 32: 98-101, 2009.
- 200.** Gatti A., Mandosi E., Fallarino M., Radicioni A., Morini E., Maiani F., Trischitta V., Lenzi A., Morano S. Metabolic syndrome (MS) and erectile dysfunction (ED) among obese non diabetic subjects. *J Endocrinol Invest* 32: 542-545, 2009.
- 201.** Dall'Asta C, Vedani P, Manunta P, Pizzocri P, Marchi M, Paganelli M, Folli F, Pontiroli AE. Effect of weight loss through laparoscopic gastric banding on blood pressure, plasma renin activity and aldosterone levels in morbid obesity. *Nutr Metab Cardiovasc Dis*. 19:110-4, 2009.
- 202.** Frige' F, Laneri M, Veronelli A, Folli F, Paganelli M, Vedani P, Marchi M, Noe' D, Ventura P, Opocher E, Pontiroli AE. Bariatric surgery in obesity: changes of glucose and lipid metabolism correlate with changes of fat mass. *Nutr Metab Cardiovasc Dis*. 19:198-204, 2009.

- 203.** Pontiroli AE, Frigè F, Paganelli M, Folli F. In morbid obesity, metabolic abnormalities and adhesion molecules correlate with visceral fat, not with subcutaneous fat: effect of weight loss through surgery. *Obes Surg.* 19:745-50, 2009.
- 204.** Cambuli VM, Incani M, Pilia S, Congiu T, Cavallo MG, Cossu E, Sentinelli F, Mariotti S, Loche S, Baroni MG. Oral glucose tolerance test in Italian overweight/obese children and adolescents results in a very high prevalence of impaired fasting glycaemia, but not of diabetes. *Diabetes Metab Res Rev.* 25(6):528-34, 2009.
- 205.** Perrini S, Cignarelli A, Ficarella R, Laviola L, Giorgino F. Human adipose tissue precursor cells: a new factor linking regulation of fat mass to obesity and type 2 diabetes? *Arch Physiol Biochem.* 115:218-226, 2009.
- 206.** Bezante GP, Briatore L, Rollando D, Maggi D, Setti M, Ghio M, Agosti S, Murdaca G, Balbi M, Barsotti A, Cordera R. Hypoadiponectinemia in lipodystrophic HIV individuals: a metabolic marker of subclinical cardiac damage. *Nutr Metab Cardiovasc Dis.* 19(4):277-82, 2009.
- 207.** Giorgino, F. Adipose tissue function and dysfunction: organ cross-talk and metabolic risk. *American Journal of Physiology – Endocrinology and Metabolism* 297:E975-E976, 2009.
- 208.** Benedini S, Perseghin G, Terruzzi I, Scifo P, Invernizzi P.L, Del Maschio A, Lazzarin A, Luzi L. Effect of L-Acetylcarnitine on body composition in HIV related lipodystrophy. *Horm. Metab. Res.* 41:840-845, 2009.
- 209.** Alberti, L. Gilardini, A Zulian, G Micheletto, G Peri, A Doni, A Mantovani, C Invitti. Expression of long pentraxin PTX3 in human adipose tissue and its relation with cardiovascular risk factors Atherosclerosis. 202:4555-460, 2009.
- 210.** Pontiroli AE, Laneri M, Veronelli A, Frigè F, Micheletto G, Folli F, Adami G, Scopinaro N. Biliary pancreatic diversion and laparoscopic adjustable gastric banding in morbid obesity: their long-term effects on metabolic syndrome and on cardiovascular parameters. *Cardiovasc Diabetol.* 20; 8: 37-44, 2009.
- 211.** Mantovani G, Bondioni S, Alberti L, Gilardini L, Invitti C, Corbetta S, Zappa MA, Ferrero S, Lania AG, Bosari S, Beck-Peccoz P, Spada A PKA regulatory subunits in human adipose tissue: decreased R2 B expression and activity in adipocytes from obese subjects. *Diabetes* 58:620-626, 2009.
- 212.** Donadio F, Sburlati LF, Masserini B, Lunati EM, Lattuada E, Zappa MA, Mozzi E, Beck-Peccoz P, Orsi E. Metabolic parameters after bioenterics intragastric balloon (BIB®) placement in obese patients. *J Endocrinol Invest.* 32:165-168, 2009.

- 213.** Ambrosi B, Masserini B, Iorio L, Delnevo A, Malavazos AE, Morricone L, Sburlati LF, Orsi E. Relationship of thyroid function with body mass index and insulin-resistance in euthyroid obese subjects. *J Endocrinol Invest.* 33:640-643, 2010.
- 214.** Schinzari F, Tesauro M, Rovella V, Galli A, Mores N, Porzio O, Lauro D, Cardillo C. Generalized impairment of vasodilator reactivity during hyperinsulinemia in patients with obesity-related metabolic syndrome. *Am J Physiol Endocrinol Metab.* 299(6):E947-52, 2010.
- 215.** Amato, M.C., Giordano, C., Galia, M., Criscimanna, A., Vitabile, S., Midiri, M., Galluzzo, A. Visceral adiposity index: A reliable indicator of visceral fat function associated with cardiometabolic risk. *Diabetes Care* 33 (4) :9, 2010.
- 216.** Marfella R, Barbieri M, Ruggiero R, Rizzo MR, Grella R, Mozzillo AL, Docimo L, Paolisso G. Bariatric surgery reduces oxidative stress by blunting 24-h acute glucose fluctuations in type 2 diabetic obese patients. *Diabetes Care.* 33(2):287-9, 2010.
- 217.** Gilardini L, Zulian A, Girola A, Redaelli G, Conti A, Invitti C Predictors of the early impairment of renal disease in human obesity. *Int J Obes (Lond).* 34:287-294, 2010.
- 218.** Di Pietro N, Panel V, Hayes S, Bagattin A, Meruvu S, Pandolfi A, Hugendubler L, Fejes-Tóth G, Naray-Fejes-Tóth A, Mueller E. Serum- and glucocorticoid-inducible kinase 1 (SGK1) regulates adipocyte differentiation via forkhead box O1. *Mol Endocrinol.* 24(2):370-80, 2010.
- 219.** Urbanet, R., C. Pilon, A. Calcagno, A. Peschechera, E. L. Hubert, G. Giacchetti, C. Gomez-Sanchez, P. Mulatero, M. Toffanin, N. Sonino, M. C. Zennaro, F. Giorgino, R. Vettor, F. Fallo. Analysis of insulin sensitivity in adipose tissue of patients with primary aldosteronism. *Journal of Clinical Endocrinology and Metabolism* 95:4037-4042, 2010.
- 220.** Pontiroli AE, Gniuli D, Mingrone G. Early effects of gastric banding (LGB) and of biliopancreatic diversion (BPD) on insulin sensitivity and on glucose and insulin response after OGTT. *Obes Surg.* 20: 474-479, 2010.
- 221.** Dall'Asta C, Paganelli M, Morabito A, Vedani P, Barbieri M, Paolisso G, Folli F, Pontiroli AE. Weight loss through gastric banding: effects on TSH and thyroid hormones in obese subjects with normal thyroid function. *Obesity (Silver Spring).* 18: 854-857, 2010.
- 222.** Briatore L, Salani B, Andraghetti G, Maggi D, Adami GF, Scopinaro N, Cordera R. Beta-cell function improvement after biliopancreatic diversion in subjects with type 2 diabetes and morbid obesity. *Obesity (Silver Spring).* 18(5):932-6, 2010.
- 223.** James WP, Caterson ID, Coutinho W, Finer N, Van Gaal LF, Maggioni AP, Torp-Pedersen C, Sharma AM, Shepherd GM, Rode RA, Renz CL; SCOUT Investigators. Effect

- of sibutramine on cardiovascular outcomes in overweight and obese subjects. *N Engl J Med.* 2;363(10):905-17, 2010.
- 224.** Napoli N, Mottini G, Arigliani M, Creta A, Giua R, Incammisa A, Carotti S, Sihom F, Yimagou I, Alombah R, Mbanya JC, Pozzilli P. Unexpectedly high rates of obesity and dysglycemia among villagers in Cameroon. *Diabetes Metab Res Rev.* 26(1):10-2, 2010.
- 225.** Annuzzi G., Piscitelli F, Di Marino L., Patti L., Giacco R, Costabile G., Bozzetto L, Riccardi G., Verde R., Petosino S., Rivellese A. A, Di Marzo V. Differential alterations of the concentrations of endocannabinoids and related lipids in the subcutaneous adipose tissue of obese diabetic patients. *LIPIDS IN HEALTH AND DISEASE*, vol. 28, p. 1-8, 2010.
- 226.** Abbatini F, Rizzello M, Casella G, Alessandri G, Capoccia D, Leonetti F, Basso N. Long-term effects of laparoscopic sleeve gastrectomy, gastric bypass, and adjustable gastric banding on type 2 diabetes. *Surg Endosc.* 24(5):1005-10, 2010.
- 227.** Cignarelli A, Melchiorre M, Peschechera A, Conserva A, Renna LA, Miccoli S, Natalicchio A, Perrini S, Laviola L, Giorgino F. Role of UBC9 in the regulation of the adipogenic program in 3T3-L1 adipocytes. *Endocrinology* 151:5255-5266, 2010.
- 228.** Chandler-Laney P.C., Phadke R.P., Granger W.M., Muñoz J.A., Dalla Man C., Cobelli C., Ovalle F., Fernández J.R., Gower B.A.: Adiposity and β -cell function: relationships differ with ethnicity and age. *Obesity* 18:2086-2092, 2010.
- 229.** Amato, M.C., Verghi, M., Galluzzo, A., Giordano, C. The oligomenorrhoeic phenotypes of polycystic ovary syndrome are characterized by a high visceral adiposity index: A likely condition of cardiometabolic risk. *Human Reproduction* 26 (6): 1486-1494, 2011.
- 230.** Carpagnano GE, Resta O, De Pergola G, Sabato R, Foschino Barbaro MP. The role of obstructive sleep apnea syndrome and obesity in determining leptin in the exhaled breath condensate. *Journal of Breath Research*, 4(3): 036003, 2010.
- 231.** De Pergola G, Nardecchia A, Guida P, Silvestris F. Arterial hypertension in obesity: relationship with hormone and anthropometric parameters. *European Journal of Cardiovascular Prevention & Rehabilitation*, 18: 240-247, 2011.
- 232.** De Pergola G, Ciccone MM, Guida P, Morea G, Giannuzzo E, Cortese F, Scicchitano P, Favale S, Silvestris F. Relationship between C3 levels and common carotid intima media thickness in overweight and obese patients. *Obesity Facts*, 4: 159-163, 2011.
- 233.** Ciccone M, Miniello V, Marchioli R, Scicchitano P, Cortese F, Palumbo V, Primitivo SG, Sassara M, Ricci G, Carbonara S, Gesualdo M, Diaferio L, Mercurio G, De

- Pergola G, Giordano P, Favale S. Morphological and functional vascular changes induced by childhood obesity. *European Journal of Cardiovascular Prevention & Rehabilitation*, 18(6): 831-835, 2011.
234. Amato, M.C., Giordano, C., Pitrone, M., Galluzzo, A Cut-off points of the visceral adiposity index (VAI) identifying a visceral adipose dysfunction associated with cardiometabolic risk in a Caucasian Sicilian population. *Lipids in Health and Disease* 10:183, 2011.
 235. Armani A, Marzolla V, Rosano GM, Fabbri A, Caprio M. Phosphodiesterase type 5 (PDE5) in the adipocyte: a novel player in fat metabolism? *Trends Endocrinol Metab.* 22(10):404-11, 2011.
 236. Sesti G, Folli F, Perego L, Hribal ML, Pontiroli AE. Effects of weight loss in metabolically healthy obese subjects after laparoscopic adjustable gastric banding and hypocaloric diet. *PLoS ONE* 6 (3): e17737, 2011.
 237. Sesti G, Succurro E, Arturi F, Andreozzi F, Laino I, Perticone M, Sciacqua A, Hribal ML, Perticone F. IGF-1 levels link estimated glomerular filtration rate to insulin resistance in obesity: A study in obese, but metabolically healthy, subjects and obese, insulin-resistant subjects. *Nutr Metab Cardiovasc Dis* 21, 485-491, 2011.
 238. Bozzetto L, Prinster A, Mancini M, Giacco R, De Natale C, Salvatore M, Riccardi G, Rivellese AA, Annuzzi G. Liver fat in obesity: role of type 2 diabetes mellitus and adipose tissue distribution. *EUROPEAN JOURNAL OF CLINICAL INVESTIGATION*, p. 39-44, 2011.
 239. Nosso G, Angrisani L, Saldalamacchia G, Cutolo PP, Cotugno M, Lupoli R, Vitolo G, Capaldo B. Impact of sleeve gastrectomy on weight loss, glucose homeostasis, and comorbidities in severely obese type 2 diabetic subjects. *J Obes.*2011:340867, 2011.
 240. Calori G., Lattuada G, Piemonti L, Garancini M.P., Ragogna F., Villa M., Mannino S., Crosignani P., Bosi E., Luzi L., Ruotolo G, Perseghin G. Prevalence, metabolic features and prognosis of metabolically-healthy obese Italian individuals : the Cremona Study. *Diabetes Care*, vol. 34, p. 210-215, 2011.
 241. Pozzilli P, Guglielmi C, Caprio S, Buzzetti R. Obesity, autoimmunity, and double diabetes in youth. *Diabetes Care.* 34 Suppl 2:S166-70, 2011.
 242. Calder PC, Ahluwalia N, Brouns F, Buetler T, Clement K, Cunningham K, Decock P, Esposito K, Jönsson LS, Kolb H, Lansink M, Marcos A, Margioris A, Matusheski N, Nordmann H, O'Brien J, Pugliese G, Riserus U, Rizkalla S, Schalkwijk C, Tuomilehto J,

- Wärnberg J, Watzl B, Winklhofer-Roob BM. Dietary factors and low-grade inflammation in relation to overweight and obesity. *Br J Nutr* 106(Suppl. 3):S5:S78, 2011.
243. Scopinaro N, Adami GF, Papadia FS, Camerini G, Carlini F, Briatore L, D'Alessandro G, Parodi C, Weiss A, Andraghetti G, Catalano M, Cordera R. The effects of biliopancreatic diversion on type 2 diabetes mellitus in patients with mild obesity (BMI 30-35 kg/m²) and simple overweight (BMI 25-30 kg/m²): a prospective controlled study. *Obes Surg*. 21(7):880-8, 2011.
 244. Scopinaro N, Adami GF, Papadia FS, Camerini G, Carlini F, Fried M, Briatore L, D'Alessandro G, Andraghetti G, Cordera R. Effects of biliopanceratic diversion on type 2 diabetes in patients with BMI 25 to 35. *Ann Surg*. 253(4):699-703, 2011.
 245. Urbanet, R., Pilon C., Giorgino F., Vettor R., Fallo F.. Insulin signaling in adipose tissue of patients with primary aldosteronism. *Journal of Endocrinological Investigation*, 34:86-89, 2011.
 246. Depalo, R., G. Garruti, I. Totaro, M. Panzarino, M. P. Vacca, F. Giorgino, L. E. Selvaggi. Oocyte morphological abnormalities in overweight women undergoing in vitro fertilization cycles. *Gynecological Endocrinology* 27:880-884, 2011.
 247. Zulian, R. Canello, A. Girola, L.Gilardini, L.Alberti, M. Croci, G. Micheletto, P. Danelli, C. Invitti. In vivo and in vitro effects of metformin on adiponectin in human adipose tissue. *Obesity facts* 4 :27.33, 2011.
 248. Gilardini L., Pasqualinotto L., Di Matteo S., Caffetto K, Croci M., Girola A., Invitti C. Factors associated with early atherosclerosis and arterial calcifications in young subjects with a benign phenotype of obesity. *Obesity* 4:27-33, 2011.
 249. Pozzilli P, Guglielmi C, Caprio S, Buzzetti R. Obesity, autoimmunity, and double diabetes in youth. *Diabetes Care*. 34 Suppl 2:S166-70, 2011.
 250. Casella G, Abbatini F, Calì B, Capoccia D, Leonetti F, Basso N. Ten-year duration of type 2 diabetes as prognostic factor for remission after sleeve gastrectomy. *Surg Obes Relat Dis*. 7(6):697-702, 2011.
 251. Basso N, Capoccia D, Rizzello M, Abbatini F, Mariani P, Maglio C, Coccia F, Borgonuovo G, De Luca ML, Asprino R, Alessandri G, Casella G, Leonetti F. First-phase insulin secretion, insulin sensitivity, ghrelin, GLP-1, and PYY changes 72 h after sleeve gastrectomy in obese diabetic patients: the gastric hypothesis. *Surg Endosc*. 25(11):3540-50, 2011.
 252. Pontiroli AE. To the editor-heart rate and sympathetic activity after obesity surgery. *Heart Rhythm*. 8(5): e1, 2011.

- 253.** Pontiroli AE, Morabito A. Long-term Prevention of Mortality in Morbid Obesity Through Bariatric Surgery. A Systematic Review and Meta-analysis of Trials Performed With Gastric Banding and Gastric Bypass. *Ann Surg.* 253: 484-487, 2011.
- 254.** Zulian A, Canello R, Micheletto G, Gentilini D, Gilardini L, Danelli P, Invitti C. Visceral adipocytes: old actors in obesity and new protagonists in Crohn's disease? *Gut.* 61:86-94, 2012.
- 255.** Canello R, Zulian A, Maestrini S, Mencarelli M, Della Barba A, Invitti C, Liuzzi A, Di Blasio A M. The Nicotinic Acetylcholine Receptor 7 in subcutaneous mature adipocytes: down-regulation in human obesity and modulation by diet-induced weight loss. *Int J Obesity.* 36:1552-7, 2012.
- 256.** D'Archivio M, Annuzzi G, Vari R, Filesi C, Giacco R, Scazzocchio B, Santangelo C, Giovannini C, Rivellese A, Masella R. Predominant role of obesity/insulin resistance in oxidative stress development. *EUROPEAN JOURNAL OF CLINICAL INVESTIGATION*, p. 70-78, 2012.
- 257.** Capuano, P., G. Catalano, G. Garruti, P. Trerotoli, G. Cicco, G. Martines, M. Tedeschi, A. Detullio, G. Mallardi, M. A. Lucafo', M. De Fazio, F. Giorgino, V. Memeo, F. Puglisi. The effects of weight loss due to gastric banding and lifestyle modification on red blood cell aggregation and deformability in severe obese subjects. *International Journal of Obesity (Lond).* 36:342-347, 2012.
- 258.** Bellia A, Marinoni G, D'Adamo M, Guglielmi V, Lombardo M, Donadel G, Gentileschi P, Lauro D, Federici M, Lauro R, Sbraccia P. Parathyroid hormone and insulin resistance in distinct phenotypes of severe obesity: a cross-sectional analysis in middle-aged men and premenopausal women. *J Clin Endocrinol Metab.* 97(12):4724-32, 2012.
- 259.** Mammi C, Calanchini M, Antelmi A, Cinti F, Rosano GM, Lenzi A, Caprio M, Fabbri A. Androgens and adipose tissue in males: a complex and reciprocal interplay. *Int J Endocrinol.* 2012:789653, 2012.
- 260.** Marzolla V, Armani A, Zennaro MC, Cinti F, Mammi C, Fabbri A, Rosano GM, Caprio M. The role of the mineralocorticoid receptor in adipocyte biology and fat metabolism. *Mol Cell Endocrinol.* 350(2):281-8, 2012.
- 261.** Sentinelli F, Incani M, Coccia F, Capoccia D, Cambuli VM, Romeo S, Cossu E, Cavallo MG, Leonetti F, Baroni MG. Association of FTO Polymorphisms with Early Age of Obesity in Obese Italian Subjects. *Exp Diabetes Res.* 2012:872176, 2012.

- 262.** Cignarelli A, Perrini S, Ficarella R, Peschechera A, Nigro P, Giorgino F. Human adipose tissue stem cells: relevance in the pathophysiology of obesity and metabolic diseases and therapeutic applications. *Expert Rev Mol Med*. 14:e19, 2012.
- 263.** Frontoni S, Malandrucco I, Bonadonna RC. Bariatric surgery or medical therapy for obesity. *N Engl J Med*. 367:473-4, 2012.
- 264.** Malandrucco I, Pasqualetti P, Giordani I, Manfellotto D, De Marco F, Alegiani F, Sidoti AM, Picconi F, Di Flaviani A, Frajese G, Bonadonna RC, Frontoni S. Very-low-calorie diet: a quick therapeutic tool to improve β cell function in morbidly obese patients with type 2 diabetes. *Am J Clin Nutr*. 95:609-13, 2012.
- 265.** Leonetti F, Capoccia D, Coccia F, Casella G, Baglio G, Paradiso F, Abbatini F, Iossa A, Soricelli E, Basso N Obesity, type 2 diabetes mellitus, and other comorbidities: a prospective cohort study of laparoscopic sleeve gastrectomy vs medical treatment.. *Arch Surg*. 147(8):694-700, 2012.
- 266.** Pontiroli AE. Bariatric surgery for obese type 2 diabetes: do we have enough information? *Nutr Metab Cardiovasc Dis*. 22(9):e24-5, 2012.
- 267.** Benetti A, Garbossa SG, Veronelli A, Pontiroli AE. Acute renal failure after intragastric balloon in morbidly-obese metformin-treated diabetic patients. Report of two cases. *Nutr Metab Cardiovasc Dis*. 22(2):e7-8, 2012.
- 268.** Anderwald CH, Tura A, Promintzer-Schifferl M, Prager G, Stadler M, Ludvik B, Esterbauer H, Bischof MG, Luger A, Pacini G, Krebs M. Alterations in gastrointestinal, endocrine, and metabolic processes after bariatric Roux-en-Ygastric bypass surgery. *Diabetes Care*. 35(12):2580-7, 2012.
- 269.** Kautzky-Willer A, Brazzale AR, Moro E, Vrbíková J, Bendlova B, Sbrignadello S, Tura A, Pacini G. Influence of increasing BMI on insulin sensitivity and secretion in normotolerant men and women of a wide age span. *Obesity (Silver Spring)*. 20(10):1966-73, 2012.
- 270.** Formoso, G., Taraborrelli, M., Guagnano, M.T., D'Adamo, M., Di Pietro, N., Tartaro, A., Consoli, A. Magnetic Resonance Imaging Determined Visceral Fat Reduction Associates with Enhanced IL-10 Plasma Levels in Calorie Restricted Obese Subjects *PLoS ONE*, 7: e52774, 2012.
- 271.** Farina M.G., Baratta R., Nigro A., Vinciguerra F., Puglisi C., Schembri R., Virgilio C., Vigneri R., Frittitta L. Intragastric Balloon in Association with Lifestyle and/or Pharmacotherapy in the Long-Term Management of Obesity. *Obes. Surg*: 22: 565-571, 2012.

- 272.** Parrino C., Rossetti P., Baratta R., La Spina N., La Delfa L., Squatrito S., Vigneri R., Frittitta L. Secular Trends in the Prevalence of Overweight and Obesity in Sicilian Schoolchildren Aged 11-13 Years During the Last Decade. *Plos One* 7(4): e34551, 2012.
- 273.** Vinciguerra F., Baratta R., Farina M.G., Tita P., Padova G., Vigneri R. and Frittitta L. Very severely obese patients have a high prevalence of type 2 diabetes mellitus and cardiovascular disease. *Acta Diabetol.* 50; 443-449, 2013.
- 274.** Junqueira Vasques A.C., Pareja J.C., De Oliveira Mda S., Satake Novaes F., Miranda de Oliveira Lima M., Chaim É.A., Piccinini F., Dalla Man C., Cobelli C., Geloneze B.: Beta-Cell function improvements in grade I/II obese subjects with type 2 diabetes 1 month after biliopancreatic diversion: results from modeling analyses of oral glucose tolerance tests and hyperglycemic clamp studies. *Diabetes Care* 36:4117- 4124, 2013.
- 275.** Bellia A, Garcovich C, D'Adamo M, Lombardo M, Tesaro M, Donadel G, Gentileschi P, Lauro D, Federici M, Lauro R, Sbraccia P. Serum 25-hydroxyvitamin D levels are inversely associated with systemic inflammation in severe obese subjects. *Intern Emerg Med.* 8(1):33-40, 2013.
- 276.** Amato, M.C., Giordano, C. Clinical indications and proper use of Visceral Adiposity Index. *Nutrition, Metabolism and Cardiovascular Diseases* 23(8):e31-2, 2013.
- 277.** Cancelli R, Zulian A, Gentilini D, Mencarelli M, Della Barba A, Maffei M, Vitti P, Invitti C, Liuzzi A, Di Blasio AM. Permanence of molecular features of obesity in subcutaneous adipose tissue of Ex-obese subjects *Int J Obesity.*37:867-73, 2013.
- 278.** Feraco A, Armani A, Mammi C, Fabbri A, Rosano GM, Caprio M. Role of mineralocorticoid receptor and renin-angiotensin-aldosterone system in adipocyte dysfunction and obesity. *J Steroid Biochem Mol Biol.* 137:99-106, 2013.
- 279.** Perrini S, Ficarella R, Picardi E, Cignarelli A, Barbaro M, Nigro P, Peschechera A, Palumbo O, Carella M, De Fazio M, Natalicchio A, Laviola L, Pesole G, Giorgino F. Differences in gene expression and cytokine release profiles highlight the heterogeneity of distinct subsets of adipose tissue-derived stem cells in the subcutaneous and visceral adipose tissue in humans. *PLoS One* 8:e57892, 2013.
- 280.** Sukkar SG, Vaccaro A, Ravera GB, Borrini C, Gradaschi R, Massa Sacchi-Nemours A, Cordera R, Andraghetti G. Appetite control and gastrointestinal hormonal behavior (CCK, GLP-1, PYY 1-36) following low doses of a whey protein-rich nutraceutical. *Med J Nutrition Metab.* 6:259-266, 2013.
- 281.** Genovese S, Passaro A, Brunetti P, Comaschi M, Cucinotta D; PRISMA study group, Egan CG, Chinea B, Bravi F, Di Pietro C. Pioglitazone Randomised Italian Study on

- Metabolic Syndrome (PRISMA): effect of pioglitazone with metformin on HDL-C levels in Type 2 diabetic patients. *J Endocrinol Invest.* 36(8):606-16, 2013.
- 282.** Dalle Grave R, Calugi S, Marchesini G, Beck-Peccoz P, Bosello O, Compare A, Cuzzolaro M, Grossi E, Mannucci E, Molinari E, Tomasi F, Melchionda N; QUOVADIS II Study Group. Personality features of obese women in relation to binge eating and night eating. *Psychiatry Res.* 207:86-91, 2013.
- 283.** Di Paola R, Marucci A, Fontana A, Menzaghi C, Salvemini L, Copetti M, Pellegrini F, De Cosmo S, Trischitta V. Role of obesity on all-cause mortality in whites with type 2 diabetes from Italy. *Acta Diabetol.* 50: 971-76, 2013.
- 284.** Morbelli S, Marini C, Adami GF, Kudomi N, Camerini G, Iozzo P, Massollo M, Capitano S, Bodrato S, Verardi MT, Papadia F, Cordera R, Knuuti J, Scopinaro N, Sambucetti G. Tissue specificity in fasting glucose utilization in slightly obese diabetic patients submitted to bariatric surgery. *Obesity (Silver Spring).* 21(3):E175-81, 2013.
- 285.** Frontoni S. Comment on: Straznicky et al. neuroadrenergic dysfunction along the diabetes continuum: a comparative study in obese metabolic syndrome subjects. *Diabetes* 2012;61:2506-2516. *Diabetes.* 62:e1, 2013.
- 286.** Barchetta I, De Bernardinis M, Capoccia D, Baroni MG, Fontana M, Fraioli A, Morini S, Leonetti F, Cavallo MG. Hypovitaminosis D is independently associated with metabolic syndrome in obese patients. *PLoS One.* 31;8(7):e68689, 2013.
- 287.** Carabotti M, Silecchia G, Greco F, Leonetti F, Piretta L, Rengo M, Rizzello M, Osborn J, Corazziari E, Severi C. Impact of laparoscopic sleeve gastrectomy on upper gastrointestinal symptoms. *Obes Surg.* 23(10):1551-7, 2013.
- 288.** Carabotti M, Severi C, Leonetti F, De Angelis F, Iorio O, Corazziari E, Silecchia G. Upper gastrointestinal symptoms in obese patients and their outcomes after bariatric surgery. *Expert Rev Gastroenterol Hepatol.* 7(2):115-26, 2013.
- 289.** Abbatini F, Capoccia D, Casella G, Soricelli E, Leonetti F, Basso N. Long-term remission of type 2 diabetes in morbidly obese patients after sleeve gastrectomy. *Surg Obes Relat Dis.* Jul-Aug;9(4):498-502, 2013.
- 290.** Cavarretta E, Casella G, Cali B, Dammaro C, Biondi-Zoccai G, Iossa A, Leonetti F, Frati G, Basso N. Cardiac remodeling in obese patients after laparoscopic sleeve gastrectomy. *World J Surg.* 37(3):565-72, 2013.
- 291.** Giordani I, Malandrucchio I, Picconi F, Longo S, Di Flaviani A, Chioma L, Moscatelli B, Donno S, Frontoni S. Preliminary evidence that obese patients with obstructive sleep

apnea/hypopnea syndrome are refractory to the acute beneficial metabolic effects of a very low calorie diet. *Acta Diabetol.* 50:639-43, 2013.

292. Muscogiuri G, Sorice GP, Mezza T, Prioletta A, Lassandro AP, Pirroni T, Della Casa S, Pontecorvi A, Giaccari A. High-normal TSH values in obesity: is it insulin resistance or adipose tissue's guilt? *Obesity (Silver Spring)*. 21(1):101-6, 2013
293. Pontiroli AE, Morabito A, Paganelli M, Saibene A, Busetto L. Metabolic syndrome, hypertension, and diabetes mellitus after gastric banding: The role of aging and of duration of obesity. *Surg Obes Relat Dis.* 9(6): 894-900, 2013.
294. Pontiroli AE, Merlotti C, Veronelli A, Lombardi F. Effect of weight loss on sympatho-vagal balance in subjects with grade-3 obesity: restrictive surgery versus hypocaloric diet. *Acta Diabetol.* 50: 843-850, 2013.
295. Pontiroli AE, Benetti A, Folini L, Merlotti C, Frigè F. Other aspects of bariatric surgery: liver steatosis, ferritin and cholesterol metabolism. *Nutr Hosp.* 28 Suppl 2:104-8, 2013.
296. Benetti A, Del Puppo M, Crosignani A, Veronelli A, Masci E, Frigè F, Micheletto G, Panizzo V, Pontiroli AE. Cholesterol Metabolism After Bariatric Surgery in Grade 3 Obesity: Differences between malabsorptive and restrictive procedures. *Diabetes Care.* 36(6):1443-7, 2013.
297. Bonafini B, Pozzilli P. The Three Graces: canons of beauty or disease repulsion. *Int J Cardiol.* 166(2):283-5, 2013.
298. De Pergola G, Nitti A, Bartolomeo N, Gesuita A, Giagulli VA, Triggiani V, Guastamacchia E, Silvestris F. Possible role of hyperinsulinemia and insulin resistance on lower vitamin D levels in overweight and obese patients. *BioMed Research International*, 2013:921348, 2013.
299. De Pergola G, Nardecchia A, Giagulli VA, Triggiani V, Guastamacchia E, Castiglioni Minischetti M, Silvestris F. Obesity and heart failure. *Endocrine, Metabolic & Immune Disorders-Drug Targets.* 13(1): 51-57, 2013.
300. De Pergola G, Tartagni M, Bartolomeo N, Bruno I, Masiello M, Caccavo D, Bavaro S, Silvestris F. Possible direct influence of complement 3 in decreasing insulin sensitivity in a cohort of overweight and obese subjects. *Endocrine, Metabolic & Immune Disorders-Drug Targets*, 13(4): 301-305, 2013.
301. Griffo E, Nosso G, Lupoli R, Cotugno M, Saldamacchia G, Vitolo G, Angrisani L, Cutolo PP, Rivellese AA, Capaldo B. Early Improvement of Postprandial Lipemia After Bariatric Surgery in Obese Type 2 Diabetic Patients. *Obes Surg.* 24(5):765-70, 2014.

- 302.** D'Alessandro A, De Pergola G. Mediterranean diet pyramid: a proposal for Italian people. *Nutrients*, 6(10): 4302-4316, 2014.
- 303.** Amato MC, Giordano C The current version of the visceral adiposity index is not suitable for application in pediatric populations: comments on the article by Al-Daghri et al.. *Pediatr Res*. 76(4):415, 2014.
- 304.** Amato MC, Giordano C Visceral adiposity index: an indicator of adipose tissue dysfunction. *Int J Endocrinol*. 2014:730827, 2014.
- 305.** Amato MC, Pizzolanti G, Torregrossa V, Misiano G, Milano S, Giordano C. Visceral adiposity index (VAI) is predictive of an altered adipokine profile in patients with type 2 diabetes. *PLoS One*. 20;9(3):e91969, 2014.
- 306.** Greco M, Chiefari E, Montalcini T, Accattato F, Costanzo FS, Pujia A, Foti D, Brunetti A, Gulletta E. Early effects of a hypocaloric, Mediterranean diet on laboratory parameters in obese individuals. *Mediators Inflamm*; 2014: 750860, 2014.
- 307.** Folini L, Veronelli A, Benetti A, Pozzato C, Cappelletti M, Masci E, Micheletto G, Pontiroli AE. Liver steatosis (LS) evaluated through chemical-shift magnetic resonance imaging liver enzymes in morbid obesity; effect of weight loss obtained with intragastric balloon gastric banding. *Acta Diabetol*. 51(3):361-8, 2014.
- 308.** Marzolla V, Armani A, Feraco A, De Martino MU, Fabbri A, Rosano G, Caprio M. Mineralocorticoid receptor in adipocytes and macrophages: A promising target to fight metabolic syndrome. *Steroids*. 91C:46-53, 2014.
- 309.** Bellia A, Salli M, Lombardo M, D'Adamo M, Guglielmi V, Tirabasso C, Giordani L, Federici M, Lauro D, Foti C, Sbraccia P. Effects of whole body vibration plus diet on insulin-resistance in middle-aged obese subjects. *Int J Sports Med*. 35(6):511-6, 2014.
- 310.** Guglielmi V, Maresca L, D'Adamo M, Di Roma M, Lanzillo C, Federici M, Lauro D, Preziosi P, Bellia A, Sbraccia P. Age-related different relationships between ectopic adipose tissues and measures of central obesity in sedentary subjects. *PLoS One*. 22;9(7):e103381, 2014.
- 311.** Armani A, Cinti F, Marzolla V, Morgan J, Cranston GA, Antelmi A, Carpinelli G, Canese R, Pagotto U, Quarta C, Malorni W, Matarrese P, Marconi M, Fabbri A, Rosano G, Cinti S, Young MJ, Caprio M. Mineralocorticoid receptor antagonism induces browning of white adipose tissue through impairment of autophagy and prevents adipocyte dysfunction in high-fat-diet-fed mice. *FASEB J*. 28(8):3745-57, 2014.

- 312.** Armani A, Marzolla V, Rosano G, Caprio M. Mineralocorticoid vs glucocorticoid receptors: solo players or team mates in the control of adipogenesis? *Int J Obes (Lond)*. 38(12):1580-1, 2014.
- 313.** Desarzens S, Liao WH, Mammi C, Caprio M, Faresse N. Hsp90 blockers inhibit adipocyte differentiation and fat mass accumulation. *PLoS One*. 9(4):e94127, 2014.
- 314.** Scopinaro N, Adami GF, Papadia FS, Camerini G, Carlini F, Briatore L, Andraghetti G, Catalano M, Cordera R. Effects of gastric bypass on type 2 diabetes in patients with BMI 30 to 35. *Obes Surg*. 24(7):1036-43, 2014.
- 315.** Marini MA, Frontoni S, Succurro E, Arturi F, Fiorentino TV, Sciacqua A, Perticone F, Sesti G. Differences in insulin clearance between metabolically healthy and unhealthy obese subjects. *Acta Diabetol*. 51:257-61, 2014.
- 316.** Sesti G, Andreozzi F, Fiorentino TV, Mannino GC, Sciacqua A, Marini AM, Perticone F. High circulating irisin levels are associated with insulin resistance and vascular atherosclerosis in a cohort of nondiabetic adult subjects. *Acta Diabetol* 51:705–713, 2014
- 317.** Merlotti C, Morabito A, Ceriani V, Pontiroli AE. Prevention of type 2 diabetes in obese at-risk subjects: a systematic review and meta-analysis. *Acta Diabetol*. 51(5):853-63, 2014.
- 318.** Shah M., Law J.H., Micheletto F., Sathananthan M., Dalla Man C., Cobelli C., Rizza R.A., Camilleri M., Zinsmeister A.R., Vella A.: Contribution of endogenous glucagon-like peptide 1 to glucose metabolism after Roux-en-Y gastric bypass. *Diabetes* 63(2):483-93, 2014.
- 319.** Giordani I, Malandrucchio I, Donno S, Picconi F, Di Giacinto P, Di Flaviani A, Chioma L, Frontoni S. Acute caloric restriction improves glomerular filtration rate in patients with morbid obesity and type 2 diabetes. *Diabetes Metab.*, 40:158-60, 2014.
- 320.** Marucci A, Mangiacotti D, di Mauro L, Antonacci M, Trischitta V, Di Paola R. Sex-specific effect of BMI on insulin sensitivity and TNF- α expression. *Acta Diabetol*. 52:413-6, 2015.
- 321.** Leonetti F, Campanile FC, Coccia F, Capoccia D, Alessandrini L, Puzziello A, Coluzzi I, Silecchia G. Very low-carbohydrate ketogenic diet before bariatric surgery: prospective evaluation of a sequential diet. *Obes Surg*. 25(1):64-71, 2015.
- 322.** Guglielmi V, D'Adamo M, Bellia A, Ciotto RT, Federici M, Lauro D, Sbraccia P. Iron status in obesity: An independent association with metabolic parameters and effect of weight loss. *Nutr Metab Cardiovasc Dis*. 25(6):541-7, 2015.

- 323.** Guglielmi V, Cardellini M, Cinti F, Corgosinho F, Cardolini I, D'Adamo M, Zingaretti MC, Bellia A, Lauro D, Gentileschi P, Federici M, Cinti S, Sbraccia P. Omental adipose tissue fibrosis and insulin resistance in severe obesity. *Nutr Diabetes*. 10;5:e175, 2015.
- 324.** Capoccia D, Coccia F, Guida A, Rizzello M, De Angelis F, Silecchia G, Leonetti F. Is type 2 diabetes really resolved after laparoscopic sleeve gastrectomy? Glucose variability studied by continuous glucose monitoring. *J Diabetes Res* 2015:674268, 2015.
- 325.** Boido A, Ceriani V, Cetta F, Lombardi F, Pontiroli AE. Bariatric surgery and prevention of cardiovascular events and mortality in morbid obesity: mechanisms of action and choice of surgery. *Nutr Metab Cardiovasc Dis*. 25(5):437-43, 2015.
- 326.** Succurro E, Segura-Garcia C, Ruffo M, Caroleo M, Rania M, Aloï M, De Fazio P, Sesti G, Arturi F. Obese Patients With a Binge Eating Disorder Have an Unfavorable Metabolic and Inflammatory Profile. *Medicine (Baltimore)*. 94(52):e2098, 2015.
- 327.** Adami GF, Scopinaro N, Cordera R. Adipokine Pattern After Bariatric Surgery: Beyond the Weight Loss. *Obes Surg*. 26(11):2793-2801, 2016.
- 328.** Adami GF, Gradaschi R, Andraghetti G, Scopinaro N, Cordera R. Serum Leptin and Adiponectin Concentration in Type 2 Diabetes Patients in the Short and Long Term Following Biliopancreatic Diversion. *Obes Surg*. 26(10):2442-8, 2016.
- 329.** Scopinaro N, Camerini G, Papadia F, Andraghetti G, Cordera R, Adami GF. Long-term clinical and functional impact of biliopancreatic diversion on type 2 diabetes in morbidly and non-morbidly obese patients. *Surg Obes Relat Dis*. 12(4):822-7, 2016.
- 330.** Cordera R, Adami GF. From bariatric to metabolic surgery: Looking for a "disease modifier" surgery for type 2 diabetes. *World J Diabetes*. 7(2):27-33, 2016.
- 331.** Maddaloni E, Cavallari I, De Pascalis M, Keenan H, Park K, Manfrini S, Buzzetti R, Patti G, Di Sciascio G, Pozzilli P. Relation of Body Circumferences to Cardiometabolic Disease in Overweight-Obese Subjects. *Am J Cardiol*. 118(6):822-7, 2016.
- 332.** Mascali A, Franzese O, Nisticò S, Campia U, Lauro D, Cardillo C, Di Daniele N, Tesouro M. Obesity and kidney disease: Beyond the hyperfiltration. *Int J Immunopathol Pharmacol*. 29(3):354-63, 2016.
- 333.** Matikainen N, Björnson E, Söderlund S, Borén C, Eliasson B, Pietiläinen KH, Bogl LH, Hakkarainen A, Lundbom N, Rivellese A, Riccardi G, Després JP, Alméras N, Holst JJ, Deacon CF, Borén J, Taskinen MR. Minor Contribution of Endogenous GLP-1 and GLP-2 to Postprandial Lipemia in Obese Men. *PLoS One*. 11(1):e0145890, 2016.
- 334.** Griffo E, Cotugno M, Nosso G, Saldalamacchia G, Mangione A, Angrisani L,

- Rivellese AA, Capaldo B. Effects of Sleeve Gastrectomy and Gastric Bypass on Postprandial Lipid Profile in Obese Type 2 Diabetic Patients: a 2-Year Follow-up. *Obes Surg.* 26(6):1247-53, 2016.
335. Zakaria AS, Rossetti L, Cristina M, Veronelli A, Lombardi F, Saibene A, Micheletto G, Pontiroli AE; LAGB10 working group. Effects of gastric banding on glucose tolerance, cardiovascular and renal function, and diabetic complications: a 13-year study of the morbidly obese. *Surg Obes Relat Dis.* 12(3):587-95, 2016.
 336. Palermo A, Tuccinardi D, Defeudis G, Watanabe M, D'Onofrio L, Lauria Pantano A, Napoli N, Pozzilli P, Manfrini S. BMI and BMD: The Potential Interplay between Obesity and Bone Fragility. *Int J Environ Res Public Health.* 13(6), 2016.
 337. Nosso G, Griffo E, Cotugno M, Saldalamacchia G, Lupoli R, Pacini G, Riccardi G, Angrisani L, Capaldo B. Comparative Effects of Roux-en-Y Gastric Bypass and Sleeve Gastrectomy on Glucose Homeostasis and Incretin Hormones in Obese Type 2 Diabetic Patients: A One-Year Prospective Study. *Horm Metab Res.* 48(5):312-7, 2016.
 338. Vrbikova J, Kunesova M, Kyrou I, Tura A, Hill M, Grimmichova T, Dvorakova K, Sramkova P, Dolezalova K, Lischkova O, Vcelak J, Hainer V, Bendlova B, Kumar S, Fried M. Insulin Sensitivity and Secretion in Obese Type 2 Diabetic Women after Various Bariatric Operations. *Obes Facts.* 9(6):410-423, 2016.
 339. Adami GF, Scopinaro N, Cordera R. Adipokine Pattern After Bariatric Surgery: Beyond the Weight Loss. *Obes Surg.* 26(11):2793-2801, 2016.
 340. Vasques AC, Pareja JC, da Saúde de Oliveira M, Novaes FS, Lima MM, Chaim ÉA, Piccinini F, Dalla Man C, Cobelli C, Geloneze B. Long-Term Outcomes of Biliopancreatic Diversion on Glycemic Control, Insulin Sensitivity and Beta Cell Function. *Obes Surg.* 26(11):2572-2580, 2016.
 341. Scopinaro N, Camerini G, Papadia F, Andraghetti G, Cordera R, Adami GF. Long-term clinical and functional impact of biliopancreatic diversion on type 2 diabetes in morbidly and non-morbidly obese patients. *Surg Obes Relat Dis.* 12(4):822-7, 2016.
 342. Ciccone MM, Cortese F, Gesualdo M, Donvito I, Carbonara S, De Pergola G. A Glycemic Threshold Of 90 Mg/Dl Promotes Early Signs Of Atherosclerosis In Apparently Healthy Overweight/Obese Subjects. *Endocr Metab Immune Disord Drug Targets.* 16:288-295, 2016.
 343. Pontiroli AE, Ceriani V, Folli F. Patients' Expectations are Important for Success in Bariatric Surgery. *Obes Surg.* 27(9):2469-2470, 2017.
 344. Ceriani V, Cetta F, Lodi T, Pinna F, Pontiroli AE. Clinical and Metabolic Effects of

- Biliopancreatic Diversion Persist After Reduction of the Gastric Pouch and Elongation of the Common Alimentary Tract. Preliminary Report in a Series of Patients with a 10-Year Follow-Up. *Obes Surg.* 27(6):1493-1500, 2017.
345. Merlotti C, Ceriani V, Morabito A, Pontiroli AE. Subcutaneous fat loss is greater than visceral fat loss with diet and exercise, weight-loss promoting drugs and bariatric surgery: a critical review and meta-analysis. *Int J Obes (Lond)*;41(5):672-682, 2017.
 346. Ceriani V, Pinna F, Lodi T, Pontiroli AE. Revision of Biliopancreatic Diversion for Side Effects or Insufficient Weight Loss: Codification of a New Procedure. *Obes Surg.* 27(4):1091-1097, 2017.
 347. Camastra S, Astiarraga B, Tura A, Frascerra S, Ciociaro D, Mari A, Gastaldelli A, Ferrannini E. Effect of exenatide on postprandial glucose fluxes, lipolysis, and β -cell function in nondiabetic, morbidly obese patients. *Diabetes Obes Metab.* 19:412-420, 2017.
 348. Liberale L, Bonaventura A, Carbone F, Bertolotto M, Contini P, Scopinaro N, Camerini GB, Papadia FS, Cordera R, Camici GG, Dallegri F, Adami GF, Montecucco F. Early reduction of matrix metalloproteinase-8 serum levels is associated with leptin drop and predicts diabetes remission after bariatric surgery. *Int J Cardiol.* 245:257-262, 2017.
 349. Barchetta I, Cimini FA, Capoccia D, De Gioannis R, Porzia A, Mainiero F, Di Martino M, Bertocchini L, De Bernardinis M, Leonetti F, Baroni MG, Lenzi A, Cavallo MG. WISP1 Is a Marker of Systemic and Adipose Tissue Inflammation in Dysmetabolic Subjects With or Without Type 2 Diabetes. *J Endocr Soc.* 1(6):660-67, 2017.
 350. Armani A, Berry A, Cirulli F, Caprio M. Molecular mechanisms underlying metabolic syndrome: the expanding role of the adipocyte. *FASEB J.* 31(10):4240-4255, 2017.
 351. Tripolino C, Irace C, Carallo C, Scavelli FB, Gnasso A. Body fat and blood rheology: Evaluation of the association between different adiposity indices and blood viscosity. *Clin Hemorheol Microcirc.* 65(3):241-24, 2017.
 352. Balla A, Quaresima S, Leonetti F, Paone E, Brunori M, Messina T, Seitaj A, Paganini AM. Laparoscopic Sleeve Gastrectomy Changes in the Last Decade: Differences in Morbidity and Weight Loss. *J Laparoendosc Adv Surg Tech A.* 27(11):1165-1171, 2017.
 353. Di Bonito P, Valerio G, Pacifico L, Chiesa C, Invitti C, Morandi A, Maffei C, Licenziati MR, Manco M, Miraglia Del Giudice E, Baroni MG, Loche S, Tornese G, Tomat M, de Simone G; CARITALY Study Group. A new index to simplify the screening of hypertension in overweight or obese youth. *Nutr Metab Cardiovasc Dis.* 27(9):830-835, 2017.

- 354.** Di Bonito P, Pacifico L, Chiesa C, Valerio G, Miraglia Del Giudice E, Maffeis C, Morandi A, Invitti C, Licenziati MR, Loche S, Tornese G, Franco F, Manco M, Baroni MG; “CARdiometabolic risk factors in overweight and obese children in ITALY” (CARITALY) Study Group. Impaired fasting glucose and impaired glucose tolerance in children and adolescents with overweight/obesity. *J Endocrinol Invest.* 40(4):409-416, 2017.
- 355.** Lupoli R, Lembo E, Saldalamacchia G, Avola CK, Angrisani L, Capaldo B. Bariatric surgery and long-term nutritional issues. *World J Diabetes.* 8(11):464-474, 2017.
- 356.** Nosso G, Lupoli R, Saldalamacchia G, Griffo E, Cotugno M, Costabile G, Riccardi G, Capaldo B. Diabetes remission after bariatric surgery is characterized by high glycemic variability and high oxidative stress. *Nutr Metab Cardiovasc Dis.* 27(11):949-955, 2017.
- 357.** Guarino G, Strollo F, Carbone L, Della Corte T, Letizia M, Marino G, Gentile S. Bioimpedance analysis, metabolic effects and safety of the association Berberis aristata/Bilybum marianum: a 52-week double-blind, placebo-controlled study in obese patients with type 2 diabetes. *J Biol Regul Homeost Agents* 31(2):495-502, 2017.
- 358.** De Pergola G, Giagulli VA, Bartolomeo N, Gaeta F, Petruzzella A, Guastamacchia E, Triggiani V, Silvestris F. Independent Relationship between Serum Osteocalcin and Uric Acid in a Cohort of Apparently Healthy Obese Subjects. *Endocr Metab Immune Disord Drug Targets.* 17(3):207-212, 2017.
- 359.** Magrone T, Jirillo E, Spagnoletta A, Magrone M, Russo MA, Fontana S, Laforgia F, Donvito I, Campanella A, Silvestris F, De Pergola G. Immune Profile of Obese People and In Vitro Effects of Red Grape Polyphenols on Peripheral Blood Mononuclear Cells. *Oxid Med Cell Longev.* 2017:9210862, 2017.
- 360.** Cefalo CMA, Conte C, Sorice GP, Moffa S, Sun VA, Cinti F, Salomone E, Muscogiuri G, Brocchi AAG, Pontecorvi A, Mezza T, Giaccari A. Effect of Vitamin D Supplementation on Obesity-Induced Insulin Resistance: A Double-Blind, Randomized, Placebo-Controlled Trial. *Obesity (Silver Spring).* 26(4):651-657, 2018.
- 361.** Gilardini L, Zambon A, Soranna D, Croci M, Invitti C. Predictors of the transition from metabolically healthy obesity to unhealthy obesity. *Eat Weight Disord.* 23(6):739-744, 2018.
- 362.** Canello R, Soranna D, Brunani A, Scacchi M, Tagliaferri A, Mai S, Marzullo P, Zambon A, Invitti C. Analysis of Predictive Equations for Estimating Resting Energy Expenditure in a Large Cohort of Morbidly Obese Patients. *Front Endocrinol (Lausanne).* 25:9:367, 2018.
- 363.** Devoto F, Zapparoli L, Bonandrini R, Berlingeri M, Ferrulli A, Luzi L, Banfi G,

- Paulesu E. Hungry brains: A meta-analytical review of brain activation imaging studies on food perception and appetite in obese individuals. *Neurosci Biobehav Rev.* 94:271-285, 2018.
364. Massarini S, Ferrulli A, Ambrogi F, Macrì C, Terruzzi I, Benedini S, Luzi L. Routine resting energy expenditure measurement increases effectiveness of dietary intervention in obesity. *Acta Diabetol.* 55(1):75-85, 2018.
 365. Bo S, Rahimi F, Goitre I, Properzi B, Ponzo V, Regaldo G, Boschetti S, Fadda M, Ciccone G, Abbate Daga G, Mengozzi G, Evangelista A, De Francesco A, Belcastro S, Broglio F. Effects of Self-Conditioning Techniques (Self-Hypnosis) in Promoting Weight Loss in Patients with Severe Obesity: A Randomized Controlled Trial. *Obesity (Silver Spring).* 26(9):1422-1429, 2018.
 366. Pontiroli AE, Zakaria AS, Fanchini M, Osio C, Tagliabue E, Micheletto G, Saibene A, Folli F A 23-year study of mortality and development of co-morbidities in patients with obesity undergoing bariatric surgery (laparoscopic gastric banding) in comparison with medical treatment of obesity. *Cardiovasc Diabetol.* 17(1):161, 2018.
 367. Galli F, Cavicchioli M, Vegni E, Panizzo V, Giovanelli A, Pontiroli AE, Micheletto G. Ten Years After Bariatric Surgery: Bad Quality of Life Promotes the Need of Psychological Interventions. *Front Psychol.* 9:2282, 2018.
 368. Pontiroli AE, Osio C, Ceriani V, Folli F. Advanced Age and Success of Bariatric Surgery. *Obes Surg.* 28(7):2053, 2018.
 369. Pontiroli AE, Ceriani V, Folli F. More on Patients Expectations and Success with Bariatric Surgery. *Obes Surg.* 28(4):1147, 2018.
 370. Borgo F, Garbossa S, Riva A, Severgnini M, Luigiano C, Benetti A, Pontiroli AE, Morace G, Borghi E. Body Mass Index and Sex Affect Diverse Microbial Niches within the Gut. *Front Microbiol.* 9:213, 2018.
 371. Scicali R, Rosenbaum D, Di Pino A, Giral P, Cluzel P, Redheuil A, Piro S, Rabuazzo AM, Purrello F, Bruckert E, Gallo A. An increased waist-to-hip ratio is a key determinant of atherosclerotic burden in overweight subjects. *Acta Diabetol.* 55(7):741-749, 2018.
 372. Soderborg TK, Clark SE, Mulligan CE, Janssen RC, Babcock L, Ir D, Lemas DJ, Johnson LK, Weir T, Lenz LL, Frank DN, Hernandez TL, Kuhn KA, D'Alessandro A, Barbour LA, El Kasmi KC, Friedman JE. The gut microbiota in infants of obese mothers increases inflammation and susceptibility to NAFLD. *Nat Commun.* 9(1):4462, 2018.
 373. Tiberti C, Zampetti S, Capoccia D, Campagna G, Lucantoni F, Anastasi E, Pallotta L, Panimolle F, Leto G, Lenzi A, Leonetti F, Buzzetti R. Evidence of diabetes-specific

- autoimmunity in obese subjects with normal glucose tolerance. *Diabetes Metab Res Rev.* 34(8):e3055, 2018.
374. Capoccia D, Coccia F, Guarisco G, Testa M, Rendina R, Abbatini F, Silecchia G, Leonetti F. Long-term Metabolic Effects of Laparoscopic Sleeve Gastrectomy. *Obes Surg.* 28(8):2289-2296, 2018.
 375. Del Chierico F, Abbatini F, Russo A, Quagliariello A, Reddel S, Capoccia D, Caccamo R, Ginanni Corradini S, Nobili V, De Peppo F, Dallapiccola B, Leonetti F, Silecchia G, Putignani L. Gut Microbiota Markers in Obese Adolescent and Adult Patients: Age-Dependent Differential Patterns. *Front Microbiol.* 9:1210, 2018.
 376. Barchetta I, Cimini FA, Capoccia D, Bertocchini L, Ceccarelli V, Chiappetta C, Leonetti F, Di Cristofano C, Silecchia G, Orho-Melander M, Melander O, Cavallo MG. Neutrotenin Is a Lipid-Induced Gastrointestinal Peptide Associated with Visceral Adipose Tissue Inflammation in Obesity. *Nutrients.* 10(4), 2018.
 377. Laria AE, Messineo S, Arcidiacono B, Varano M, Chiefari E, Semple RK, Rocha N, Russo D, Cuda G, Gaspari M, Brunetti A, Foti DP. Secretome Analysis of Hypoxia-Induced 3T3-L1 Adipocytes Uncovers Novel Proteins Potentially Involved in Obesity. *Proteomics.* 18(7):e1700260, 2018.
 378. Bozzetto L, Costabile G, Della Pepa G, Ciciola P, Vetrani C, Vitale M, Rivellese AA, Annuzzi G. Dietary Fibre as a Unifying Remedy for the Whole Spectrum of Obesity-Associated Cardiovascular Risk. *Nutrients.* 10(7), 2018.
 379. Vetrani C, Sestili F, Vitale M, Botticella E, Giacco R, Griffio E, Costabile G, Cipriano P, Tura A, Pacini G, Rivellese AA, Lafiandra D, Riccardi G. Metabolic response to amylose-rich wheat-based rusks in overweight individuals. *Eur J Clin Nutr.* 72(6):904-912, 2018.
 380. Bódis K, Kahl S, Simon MC, Zhou Z, Sell H, Knebel B, Tura A, Strassburger K, Burkart V, Müssig K, Markgraf D, Al-Hasani H, Szendroedi J, Roden M; GDS Study Group. Reduced expression of stearoyl-CoA desaturase-1, but not free fatty acid receptor 2 or 4 in subcutaneous adipose tissue of patients with newly diagnosed type 2 diabetes mellitus. *Nutr Diabetes.* 8(1):49, 2018.
 381. Camilo DF, Vasques ACJ, Hayashi K, Tura A, da Silva CC, Zambon MP, Antônio MÂRGM, Geloneze B. Adiposity and family history of type 2 diabetes in an admixed population of adolescents: Associations with insulin sensitivity, beta-cell function, and hepatic insulin extraction in BRAMS study. *Diabetes Res Clin Pract.* 137:72-82, 2018.
 382. De Pergola G, Zupo R, Cecere A, Bartolomeo N, Triggiani V, Paradiso S,

- Lampignano L, Silvestris F, Ciccone MM. Platelet number is negatively and independently associated with carotid intima-media thickness in apparently healthy overweight/obese subjects. *Nutr Metab Cardiovasc Dis.* 28(12):1217-1221, 2018.
- 383.** Silvestris E, de Pergola G, Rosania R, Loverro G. Obesity as disruptor of the female fertility. *Reprod Biol Endocrinol.* 16(1):22, 2018.
- 384.** de Las Heras N, Klett-Mingo M, Ballesteros S, Martín-Fernández B, Escribano Ó, Blanco-Rivero J, Balfagón G, Hribal ML, Benito M, Lahera V, Gómez-Hernández A. Chronic Exercise Improves Mitochondrial Function and Insulin Sensitivity in Brown Adipose Tissue. *Front Physiol.* 9:1122, 2018.
- 385.** Purnell JQ, Johnson GS, Wahed AS, Dalla Man C, Piccinini F, Cobelli C, Prigeon RL, Goodpaster BH, Kelley DE, Staten MA, Foster-Schubert KE, Cummings DE, Flum DR, Courcoulas AP, Havel PJ, Wolfe BM. Prospective evaluation of insulin and incretin dynamics in obese adults with and without diabetes for 2 years after Roux-en-Y gastric bypass. *Diabetologia.* 61(5):1142-1154, 2018.
- 386.** Scicali R, Rosenbaum D, Di Pino A, Giral P, Cluzel P, Redheuil A, Piro S, Rabuazzo AM, Purrello F, Bruckert E, Gallo A. An increased waist-to-hip ratio is a key determinant of atherosclerotic burden in overweight subjects. *Acta Diabetol.* 55(7):741-749, 2018.
- 387.** Simeone P, Liani R, Tripaldi R, Di Castelnuovo A, Guagnano MT, Tartaro A, Bonadonna RC, Federico V, Cipollone F, Consoli A, Santilli F. Thromboxane-Dependent Platelet Activation in Obese Subjects with Prediabetes or Early Type 2 Diabetes: Effects of Liraglutide- or Lifestyle Changes-Induced Weight Loss. *Nutrients.* 10(12), 2018.
- 388.** Morettini M, Di Nardo F, Ingrassia L, Fioretti S, Göbl C, Kautzky-Willer A, Tura A, Pacini G, Burattini L. Glucose effectiveness and its components in relation to body mass index. *Eur J Clin Invest,* e13099, 2019.
- 389.** Perticone M, Maio R, Sciacqua A, Suraci E, Pinto A, Pujia R, Zito R, Gigliotti S, Sesti G, Perticone F. Ketogenic Diet-Induced Weight Loss is Associated with an Increase in Vitamin D Levels in Obese Adults. *Molecules,* 24(13):pii:E2499, 2019.
- 390.** Vinciguerra F, Tumminia A, Roppolo F, Romeo LC, La Spina N, Baratta R, Parrino C, Sciacca L, Vigneri R, Frittitta L. Impact of unhealthy childhood and unfavorable parents' characteristics on adiposity in schoolchildren. *Diabetes Metab Res Rev,* 35(8):e3199, 2019.
- 391.** Tumminia A, Vinciguerra F, Parisi M, Graziano M, Sciacca L, Baratta R, Frittitta L. Adipose Tissue, Obesity and Adiponectin: Role in Endocrine Cancer Risk. *Int J Mol Sci* 20(12):pii:E2863, 2019.

- 392.** Cătoi AF, Vodnar DC, Corina A, Nikolic D, Citarrella R, Pérez-Martínez P, Rizzo M. Gut Microbiota, Obesity and Bariatric Surgery: Current Knowledge and Future Perspectives. *Curr Pharm Des*, 25 (18):2038-2050, 2019.
- 393.** Micheletto G, Piozzi GN, Panizzo V, Reitano E, Tringali D, Pontiroli AE. Key Points for Cholelithiasis and Gallstone Ileus Prevention Following Biliointestinal Bypass. *Am J Case Rep*, 20:993-997, 2019.
- 394.** Higgins PB, Folli F, Andrade MCR, Foster J, Mattern V, Paroni R, Schlabritz-Loutsevitch N, Voruganti VS, Kumar S, Guardado-Mendoza R, Bulfamante G, Fiorina P, Pontiroli AE, Hubbard GB, Owston M, Dick EJ Jr, Comuzzie AG. Duodenal adipose tissue is associated with obesity in baboons (*Papio* sp): a novel site of ectopic fat deposition in non-human primates. *Acta Diabetol*, 56 (2):227-236, 2019.
- 395.** Pontiroli AE, Zakaria AS, Micheletto G, Osio C, Saibene A, Folli F; LAGB10 Group. A 9 years comparison of weight loss, disappearance of obesity, and resolution of diabetes mellitus with biliointestinal bypass and with adjustable gastric banding: experience of a collaborative network. *Acta Diabetol*, 56(2):163-169, 2019.
- 396.** Ho HCH, Maddaloni E, Buzzetti R. Risk factors and predictive biomarkers of early cardiovascular disease in obese youth. *Diabetes Metab Res Rev*, 35(4):e3134, 2019.
- 397.** Greenway FL, Aronne LJ, Raben A, Astrup A, Apovian CM, Hill JO, Kaplan LM, Fujioka K, Matejkova E, Svacina S, Luzi L, Gnessi L, Navas-Carretero S, Alfredo Martinez J, Still CD, Sannino A, Saponaro C, Demitri C, Urban LE, Leider H, Chiquette E, Ron ES, Zohar Y, Heshmati HM. A Randomized, Double-Blind, Placebo-Controlled Study of Gelesis100: A Novel Nonsystemic Oral Hydrogel for Weight Loss. *Obesity (Silver Spring)*, 2(2):205-216, 2019. *Erratum in: Obesity (Silver Spring)*, 27(7):1210, 2019.
- 398.** Iacobini C, Pugliese G, Blasetti Fantauzzi C, Federici M, Menini S. Metabolically healthy versus metabolically unhealthy obesity. *Metabolism*, 92:51-60, 2019.
- 399.** Adami GF, Carbone F, Montecucco F, Camerini G, Cordera R. Adipose Tissue Composition in Obesity and After Bariatric Surgery. *Obes Surg*, 29(9):3030-3038, 2019.
- 400.** Iagulli VA, Castellana M, Murro I, Pelusi C, Guastamacchia E, Triggiani V, De Pergola G. The Role of Diet and Weight Loss in Improving Secondary Hypogonadism in Men with Obesity with or without Type 2 Diabetes Mellitus. *G. Nutrients*, 11(12):2975, 2019.
- 401.** De Pergola G, Martino T, Zupo R, Caccavo D, Pecorella C, Paradiso S, Silvestris F, Triggiani V. 25 Hydroxyvitamin D Levels are Negatively and Independently Associated

- with Fat Mass in a Cohort of Healthy Overweight and Obese Subjects. *Endocr Metab Immune Disord Drug Targets*, 19(6):838-844, 2019.
402. Manno C, Campobasso N, Nardecchia A, Triggiani V, Zupo R, Gesualdo L, Silvestris F, De Pergola G. Relationship of para- and perirenal fat and epicardial fat with metabolic parameters in overweight and obese subjects. *Eat Weight Disord*, 24(1):67-72, 2019.
 403. De Pergola G, Giagulli VA, Guastamacchia E, Bartolomeo N, Tatoli R, Lampignano L, Silvestris F, Triggiani V. Platelet number is positively and independently associated with glycated hemoglobin in non-diabetic overweight and obese subjects. *Nutr Metab Cardiovasc Dis*, 29(3):254-259, 2019.
 404. Di Bonito P, Valerio G, Pacifico L, Chiesa C, Invitti C, Morandi A, Licenziati MR, Manco M, Giudice EMD, Baroni MG, Loche S, Tornese G, Franco F, Maffei C, de Simone G; CARITALY Study group; on the behalf of the Childhood Obesity Study Group of the Italian Society of Pediatric Endocrinology, Diabetology. Impact of the 2017 Blood Pressure Guidelines by the American Academy of Pediatrics in overweight/obese youth. *J Hypertens*, 37(4):732-738, 2019.
 405. Olivieri F, Zusi C, Morandi A, Corradi M, Boselli ML, Fornari E, Bonadonna RC, Maffei C. "IGT-like" status in normoglycose tolerant obese children and adolescents: the additive role of glucose profile morphology and 2-hours glucose concentration during the oral glucose tolerance test. *Int J Obes (Lond)*, 43(7):1363-1369, 2019.
 406. Proserpio C, Invitti C, Boesveldt S, Pasqualinotto L, Laureati M, Cattaneo C, Pagliarini E. Ambient Odor Exposure Affects Food Intake and Sensory Specific Appetite in Obese Women. *Front Psychol*, 10:7, 2019.
 407. Barchetta I, Enhörning S, Cimini FA, Capoccia D, Chiappetta C, Di Cristofano C, Silecchia G, Leonetti F, Melander O, Cavallo MG. Elevated plasma copeptin levels identify the presence and severity of non-alcoholic fatty liver disease in obesity. *BMC Med*, 17(1):85, 2019.
 408. Adami GF, Cordera R. Bariatric or Metabolic Surgery? *Obes Surg*, 29(1):303, 2019.
 409. Ferrulli A, Macrì C, Terruzzi I, Massarini S, Ambrogi F, Adamo M, Milani V, Luzi L. Weight loss induced by deep transcranial magnetic stimulation in obesity: A randomized, double-blind, sham-controlled study. *Diabetes Obes Metab*, 21(8):1849-1860, 2019.
 410. Ferrulli A, Macrì C, Terruzzi I, Ambrogi F, Milani V, Adamo M, Luzi L. High frequency deep transcranial magnetic stimulation acutely increases β -endorphins in obese humans. *Endocrine*, 64(1):67-74, 2019.

- 411.** Higgins PB, Folli F, Andrade MCR, Foster J, Mattern V, Paroni R, Schlubritzh-Loutsevitch N, Voruganti VS, Kumar S, Guardado-Mendoza R, Bulfamante G, Fiorina P, Pontiroli AE, Hubbard GB, Owston M, Dick EJ Jr, Comuzzie AG. Duodenal adipose tissue is associated with obesity in baboons (*Papio sp*): a novel site of ectopic fat deposition in non-human primates. *Acta Diabetol*, 56 (2):227-236, 2019.
- 412.** Adami GF, Camerini G, Papadia F, Catalano MF, Carlini F, Cordera R, Scopinaro N. Type 2 Diabetes Remission and Control in Overweight and in Mildly Obese Diabetic Patients at Long-Term Follow-Up After Biliopancreatic Diversion. *Obes Surg*, 29(1):239-245, 2019.
- 413.** Carbone F, Adami G, Liberale L, Bonaventura A, Bertolotto M, Andraghetti G, Scopinaro N, Camerini GB, Papadia FS, Cordera R, Dallegri F, Montecucco F. Serum levels of osteopontin predict diabetes remission after bariatric surgery. *Diabetes Metab*, 45(4):356-362, 2019.
- 414.** Bonaventura A, Liberale L, Carbone F, Vecchié A, Bonomi A, Scopinaro N, Camerini GB, Papadia FS, Maggi D, Cordera R, Dallegri F, Adami G, Montecucco F. Baseline neutrophil-to-lymphocyte ratio is associated with long-term T2D remission after metabolic surgery. *Acta Diabetol*, 56(7):741-748, 2019.
- 415.** Zenti MG, Lupo MG, De Martin S, Altomari A, Galvan S, Aventaggiato M, Maneschi C, Sandri D, Paiola E, Battistoni M, Eccher A, Targher G, Bonora E, Ruscica M, Ferri N. Impact of bariatric surgery-induced weight loss on circulating PCSK9 levels in obese patients. *Nutr Metab Cardiovasc Dis*. 30(12):2372-2378, 2020.
- 416.** Ceccarelli V, Barchetta I, Cimini FA, Bertocchini L, Chiappetta C, Capoccia D, Carletti R, Di Cristofano C, Silecchia G, Fontana M, Leonetti F, Lenzi A, Baroni MG, Barone E, Cavallo MG. Reduced Biliverdin Reductase-A Expression in Visceral Adipose Tissue is Associated with Adipocyte Dysfunction and NAFLD in Human Obesity. *Int J Mol Sci*. 21(23):9091, 2020.
- 417.** Barchetta I, Cimini FA, Chiappetta C, Bertocchini L, Ceccarelli V, Capoccia D, Gaggini M, Di Cristofano C, Della Rocca C, Silecchia G, Leonetti F, Lenzi A, Gastaldelli A, Cavallo MG. Relationship between hepatic and systemic angiopoietin-like 3, hepatic Vitamin D receptor expression and NAFLD in obesity. *Liver Int*. 40(9):2139-2147, 2020.
- 418.** Coccia F, Testa M, Guarisco G, Bonci E, Di Cristofano C, Silecchia G, Leonetti F, Gastaldelli A, Capoccia D. Noninvasive assessment of hepatic steatosis and fibrosis in patients with severe obesity. *Endocrine*. 67(3):569-578, 2020.

419. Capoccia D, Guida A, Coccia F, Guarisco G, Testa M, Leonetti F, Silecchia G. Weight Regain and Diabetes Evolution After Sleeve Gastrectomy: a Cohort Study with over 5 Years of Follow-Up. *Obes Surg.* 30(3):1046-1051, 2020.
420. Coccia F, Testa M, Guarisco G, Di Cristofano C, Silecchia G, Leonetti F, Gastaldelli A, Capoccia D. Insulin resistance, but not insulin response, during oral glucose tolerance test (OGTT) is associated to worse histological outcome in obese NAFLD. *Nutr Metab Cardiovasc Dis.* 30(1):106-113, 2020.
421. Pacifici F, Farias CLA, Rea S, Capuani B, Feraco A, Coppola A, Mammi C, Pastore D, Abete P, Rovella V, Salimei C, Lombardo M, Caprio M, Bellia A, Sbraccia P, Di Daniele N, Lauro D, Della-Morte D. Tyrosol May Prevent Obesity by Inhibiting Adipogenesis in 3T3-L1 Preadipocytes. *Oxid Med Cell Longev.* 2020:4794780, 2020.
422. Paoli A, Mancin L, Giacona MC, Bianco A, Caprio M. Effects of a ketogenic diet in overweight women with polycystic ovary syndrome. *J Transl Med.* 18(1):104, 2020.
423. Lombardo M, Bellia C, Aulisa G, Pratesi A, Perrone MA, Padua E, Iellamo F, Caprio M, Bellia A. The different daily distribution of proteins does not influence the variations in body composition in a sample of subjects undergoing a low-calorie mediterranean-type diet. *Minerva Gastroenterol Dietol.* [Epub ahead of print], 2020
424. Porro S, Genchi VA, Cignarelli A, Natalicchio A, Laviola L, Giorgino F, Perrini S. Dysmetabolic adipose tissue in obesity: morphological and functional characteristics of adipose stem cells and mature adipocytes in healthy and unhealthy obese subjects. *J Endocrinol Invest.* [Epub ahead of print], 2020
425. Cataldi M, Cignarelli A, Giallauria F, Muscogiuri G, Barrea L, Savastano S, Colao A; Obesity Programs of nutrition, Education, Research and Assessment (OPERA) Group. Cardiovascular effects of antiobesity drugs: are the new medicines all the same? *Int J Obes Suppl.* 10(1):14-26, 2020.
426. Castellana M, Conte E, Cignarelli A, Perrini S, Giustina A, Giovanella L, Giorgino F, Trimboli P. Efficacy and safety of very low calorie ketogenic diet (VLCKD) in patients with overweight and obesity: A systematic review and meta-analysis. *Rev Endocr Metab Disord.* 21(1):5-16, 2020.
427. Perrini S, Porro S, Nigro P, Cignarelli A, Caccioppoli C, Genchi VA, Martines G, De Fazio M, Capuano P, Natalicchio A, Laviola L, Giorgino F. Reduced SIRT1 and SIRT2 expression promotes adipogenesis of human visceral adipose stem cells and associates with accumulation of visceral fat in human obesity. *Int J Obes (Lond).* 44(2):307-319, 2020.

428. Brede S, Lutzke B, Albers E, Dalla-Man C, Cobelli C, Hallschmid M, Klement J, Lehnert H. Visual food cues decrease blood glucose and glucoregulatory hormones following an oral glucose tolerance test in normal-weight and obese men. *Physiol Behav.* 226:113071, 2020.
429. Canello R, Micheletto G, Meta D, Lavagno R, Bevilacqua E, Panizzo V, Invitti C. Expanding the role of bitter taste receptor in extra oral tissues: TAS2R38 is expressed in human adipocytes. *Adipocyte.* 9(1):7-15, 2020.
430. Gilardini L, Canello R, Caffetto K, Cottafava R, Gironi I, Invitti C. Nutrition knowledge is associated with greater weight loss in obese patients following a multidisciplinary rehabilitation program. *Minerva Endocrinol.* [Epub ahead of print], 2020.
431. Genovesi S, Antolini L, Orlando A, Gilardini L, Bertoli S, Giussani M, Invitti C, Nava E, Battaglino MG, Leone A, Valsecchi MG, Parati G. Cardiovascular Risk Factors Associated With the Metabolically Healthy Obese (MHO) Phenotype Compared to the Metabolically Unhealthy Obese (MUO) Phenotype in Children. *Front Endocrinol (Lausanne).* 11:27, 2020.
432. Lampignano L, Zupo R, Donghia R, Guerra V, Castellana F, Murro I, Di Noia C, Sardone R, Giannelli G, Triggiani V, De Pergola G. Relationship Among Adherence to The Mediterranean Diet and Anthropometric and Metabolic Parameters in Subjects with Obesity. *Endocr Metab Immune Disord Drug Targets.* [Epub ahead of print], 2020
433. Lampignano L, Zupo R, Donghia R, Guerra V, Castellana F, Murro I, Di Noia C, Sardone R, Giannelli G, De Pergola G. Cross-sectional relationship among different anthropometric parameters and cardio-metabolic risk factors in a cohort of patients with overweight or obesity. *PLoS One.* 15(11):e0241841, 2020.
434. Zupo R, Castellana F, Panza F, Lampignano L, Murro I, Di Noia C, Triggiani V, Giannelli G, Sardone R, De Pergola G. Adherence to a Mediterranean Diet and Thyroid Function in Obesity: A Cross-Sectional Apulian Survey. *Nutrients.* 12(10):3173, 2020.
435. Zupo R, Castellana F, Sardone R, Lampignano L, Paradiso S, Giagulli VA, Triggiani V, Di Lorenzo L, Giannelli G, De Pergola G. Higher Muscle Mass Implies Increased Free-Thyroxine to Free-Triiodothyronine Ratio in Subjects With Overweight and Obesity. *Front Endocrinol (Lausanne).* 11:565065, 2020.
436. Zupo R, Castellana F, Sardone R, Scicchitano P, Lampignano L, Ciccone MM, Triggiani V, Guastamacchia E, Giannelli G, De Pergola G. Impaired fasting plasma glucose is a risk indicator of interventricular septum thickening among non-diabetic subjects with obesity. *Diabetes Res Clin Pract.* 169:108436, 2020.

437. Zupo R, Castellana F, Sardone R, Lampignano L, Di Noia C, Savastano S, Giannelli G, De Pergola G. Hydroxyvitamin D Serum Levels are Negatively Associated with Platelet Number in a Cohort of Subjects Affected by Overweight and Obesity. *Nutrients*. 12(2):474, 2020.
438. Giagulli VA, Castellana M, Carbone MD, Pelusi C, Ramunni MI, De Pergola G, Guastamacchia E, Triggiani V. Weight loss more than glycemic control may improve testosterone in obese type 2 diabetes mellitus men with hypogonadism. *Andrology*. 8(3):654-662, 2020.
439. De Pergola G, Zupo R, Lampignano L, Paradiso S, Murro I, Cecere A, Bartolomeo N, Ciccone MM, Giannelli G, Triggiani V. Effects of a Low Carb Diet and Whey Proteins on Anthropometric, Hematochemical, and Cardiovascular Parameters in Subjects with Obesity. *Endocr Metab Immune Disord Drug Targets*. 20(10):1719-172, 2020.
440. De Pergola G, Zupo R, Lampignano L, Bonfiglio C, Giannelli G, Osella AR, Triggiani V. Higher Body Mass Index, Uric Acid Levels, and Lower Cholesterol Levels are Associated with Greater Weight Loss. *Endocr Metab Immune Disord Drug Targets*. 20(8):1268-1281, 2020.
441. Rizza S, Coppeta L, Grelli S, Ferrazza G, Chiocchi M, Vanni G, Bonomo OC, Bellia A, Andreoni M, Magrini A, Federici M. High body mass index and night shift work are associated with COVID-19 in health care workers. *J Endocrinol Invest*. 27:1-5, 2020.
442. Domenech-Ximenes B, Cuba V, Daunis-I-Estadella P, Thió-Henestrosa S, Jaldo F, Biarnes C, Molina X, Xifra G, Ricart W, Bardera A, Boada I, Essig M, Pedraza S, Federici M, Fernández-Real JM, Puig J. Bariatric Surgery-Induced Changes in Intima-Media Thickness and Cardiovascular Risk Factors in Class 3 Obesity: A 3-Year Follow-Up Study. *Obesity (Silver Spring)*. 28(9):1663-1670, 2020.
443. Turchi R, Tortolici F, Guidobaldi G, Iacovelli F, Falconi M, Rufini S, Faraonio R, Casagrande V, Federici M, De Angelis L, Carotti S, Francesconi M, Zingariello M, Morini S, Bernardini R, Mattei M, La Rosa P, Piemonte F, Lettieri-Barbato D, Aquilano K. Frataxin deficiency induces lipid accumulation and affects thermogenesis in brown adipose tissue. *Cell Death Dis*. 11(1):51, 2020 *Erratum in: Cell Death Dis*. 11(3):165, 2020.
444. Lima RA, Desoye G, Simmons D, Devlieger R, Galjaard S, Corcoy R, Adelantado JM, Dunne F, Harreiter J, Kautzky-Willer A, Damm P, Mathiesen ER, Jensen DM, Andersen LL, Tanvig M, Lapolla A, Dalfra MG, Bertolotto A, Wender-Ozegowska E, Zawiejska A, Hill DJ, Snoek FJ, Jelsma JGM, van Poppel MNM. Temporal relationships between maternal metabolic parameters with neonatal adiposity in women with obesity

- differ by neonatal sex: Secondary analysis of the DALI study. *Pediatr Obes.* 15(7):e12628, 2020.
445. Barchetta I, Chiappetta C, Ceccarelli V, Cimini FA, Bertoccini L, Gaggini M, Cristofano CD, Silecchia G, Lenzi A, Leonetti F, Baroni MG, Gastaldelli A, Cavallo MG. Angiopoietin-Like Protein 4 Overexpression in Visceral Adipose Tissue from Obese Subjects with Impaired Glucose Metabolism and Relationship with Lipoprotein Lipase. *Int J Mol Sci.* 21(19):7197, 2020.
 446. Barchetta I, Ceccarelli V, Cimini FA, Barone E, Sentinelli F, Coluzzi M, Chiappetta C, Bertoccini L, Tramutola A, Labbadia G, Di Cristofano C, Silecchia G, Leonetti F, Cavallo MG. Circulating dipeptidyl peptidase-4 is independently associated with the presence and severity of NAFLD/NASH in individuals with and without obesity and metabolic disease. *J Endocrinol Invest.* [Epub ahead of print], 2020.
 447. Guarisco G, Leonetti F. Covid-19 and diabetes: when a pandemic cross another pandemic. *Eat Weight Disord.* 14:1-4, 2020.
 448. Cimini FA, Barchetta I, Ceccarelli V, Chiappetta C, Di Biasio A, Bertoccini L, Sentinelli F, Leonetti F, Silecchia G, Di Cristofano C, Baroni MG, Velotti F, Cavallo MG. Granzyme B Expression in Visceral Adipose Tissue Associates With Local Inflammation and Glyco-Metabolic Alterations in Obesity. *Front Immunol.* 11:589188, 2020.
 449. Ferrulli A, Massarini S, Macrì C, Luzi L. Safety and tolerability of repeated sessions of deep transcranial magnetic stimulation in obesity. *Endocrine* [Epub ahead of print], 2020.
 450. Luzi L, Radaelli MG. Influenza and obesity: its odd relationship and the lessons for COVID-19 pandemic. *Acta Diabetol.* 57(6):759-764, 2020.
 451. Muraca E, Ciardullo S, Perra S, Zerbini F, Oltolini A, Cannistraci R, Bianconi E, Villa M, Pizzi M, Pizzi P, Manzoni G, Lattuada G, Perseghin G. Hypercortisolism and altered glucose homeostasis in obese patients in the pre-bariatric surgery assessment. *Diabetes Metab Res Rev.* 1:e3389, 2020.
 452. Manzoni G, Oltolini A, Perra S, Muraca E, Ciardullo S, Pizzi M, Castoldi G, Lattuada G, Pizzi P, Perseghin G. Resting Whole Body Energy Metabolism in Class 3 Obesity; from Preserved Insulin Sensitivity to Overt Type 2 Diabetes. *Diabetes Metab Syndr Obes.* 13:489-497, 2020.
 453. La Sala L, Crestani M, Garavelli S, de Candia P, Pontiroli AE. Does microRNA Perturbation Control the Mechanisms Linking Obesity and Diabetes? Implications for Cardiovascular Risk. *Int J Mol Sci.* 22(1):143, 2020.

- 454.** Castellucci B, Barrea L, Laudisio D, Aprano S, Pugliese G, Savastano S, Colao A, Muscogiuri G. Improving sleep disturbances in obesity by nutritional strategies: review of current evidence and practical guide. *Int J Food Sci Nutr.* 25:1-13, 2020.
- 455.** Barrea L, Frias-Toral E, Pugliese G, Garcia-Velasquez E, De Los Angeles Carignano M, Savastano S, Colao A, Muscogiuri G. Vitamin D in obesity and obesity-related diseases: an overview. *Minerva Endocrinol.* [Epub ahead of print], 2020.
- 456.** Pugliese G, Barrea L, Laudisio D, Aprano S, Castellucci B, Framondi L, Di Matteo R, Savastano S, Colao A, Muscogiuri G. Mediterranean diet as tool to manage obesity in menopause: A narrative review. *Nutrition.* 79-80:110991, 2020.
- 457.** Marzullo P, Di Renzo L, Pugliese G, De Siena M, Barrea L, Muscogiuri G, Colao A, Savastano S; Obesity Programs of nutrition, Education, Research and Assessment (OPERA) Group. From obesity through gut microbiota to cardiovascular diseases: a dangerous journey. *Int J Obes Suppl.* 10(1):35-49, 2020.
- 458.** Barrea L, Pugliese G, Muscogiuri G, Laudisio D, Colao A, Savastano S. New-generation anti-obesity drugs: naltrexone/bupropion and liraglutide. An update for endocrinologists and nutritionists. *Minerva Endocrinol.* 45(2):127-137, 2020.
- 459.** Muscogiuri G, Barrea L, Aprano S, Framondi L, Di Matteo R, Laudisio D, Pugliese G, Savastano S, Colao A, on behalf of the OPERA PREVENTION Project. Sleep Quality in Obesity: Does Adherence to the Mediterranean Diet Matter? *Nutrients.* 12(5):1364, 2020.
- 460.** Muscogiuri G, Barrea L, Aprano S, Framondi L, Di Matteo R, Laudisio D, Pugliese G, Savastano S, Colao A, On Behalf Of The Opera Prevention Project. Chronotype and Adherence to the Mediterranean Diet in Obesity: Results from the Opera Prevention Project. *Nutrients.* 12(5):1354, 2020.
- 461.** Muscogiuri G, Pugliese G, Barrea L, Savastano S, Colao A. Commentary: Obesity: The "Achilles heel" for COVID-19? *Metabolism.* 108:154251, 2020.
- 462.** Pugliese G, Barrea L, Laudisio D, Salzano C, Aprano S, Colao A, Savastano S, Muscogiuri G. Sleep Apnea, Obesity, and Disturbed Glucose Homeostasis: Epidemiologic Evidence, Biologic Insights, and Therapeutic Strategies. *Curr Obes Rep.* 9(1):30-38, 2020.
- 463.** La Sala L, Pontiroli AE. Prevention of Diabetes and Cardiovascular Disease in Obesity. *Int J Mol Sci.* 21(21):8178, 2020.
- 464.** Pontiroli AE, La Sala L, Chiumello D, Folli F. Is blood glucose or obesity responsible for the bad prognosis of COVID-19 in obesity - diabetes? *Diabetes Res Clin Pract.* 167:108342, 2020.

- 465.** Pontiroli AE, Ceriani V, Tagliabue E. Compared with Controls, Bariatric Surgery Prevents Long-Term Mortality in Persons with Obesity Only Above Median Age of Cohorts: a Systematic Review and Meta-Analysis. *Obes Surg.* 30(7):2487-2496, 2020.
- 466.** Pontiroli AE, Ceriani V, Tagliabue E, Zakaria AS, Veronelli A, Folli F, Zanoni I. Bariatric surgery, compared to medical treatment, reduces morbidity at all ages but does not reduce mortality in patients aged < 43 years, especially if diabetes mellitus is present: a post hoc analysis of two retrospective cohort studies. *Acta Diabetol.* 57(3):323-333, 2020.
- 467.** Cannata F, Vadalà G, Ambrosio L, Fallucca S, Napoli N, Papalia R, Pozzilli P, Denaro V. Intervertebral disc degeneration: A focus on obesity and type 2 diabetes. *Diabetes Metab Res Rev.* 36(1):e3224, 2020.
- 468.** Sciacqua A, Cimellaro A, Mancuso L, Miceli S, Cassano V, Perticone M, Fiorentino TV, Andreozzi F, Succurro E, Sesti G, Perticone F. Different Patterns of Left Ventricular Hypertrophy in Metabolically Healthy and Insulin-Resistant Obese Subjects. *Nutrients.* 12(2):412, 2020.