

Curriculum vitae

NAME: ANGELINA ZANESCO

Birth date: October 26th 1958

HOME ADDRESS Rua Guerino Bristotti, 794
Jardim Myriam – Campinas (SP)
CEP: 13098-404

OFFICE ADDRESS: Institute of Biosciences
Department Of Physical Education
Av 24a, 1515, Bela Vista
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1992. Master degree in Cardiovascular Pharmacology: UNIFESP/SP

1996. PhD in Physiology/LSUMC/New Orleans/USA

1996. ASSISTANT PROFESSOR Cardiovascular Pharmacology/UNESP/SP

2001. POST DOCTORAL TRAINING : Imperial College London/England

2001. ASSOCIATE PROFESSOR in Cardiovascular Pharmacology and physical exercise (UNESP)

2011. FULL PROFESSOR in Cardiovascular Physiology, UNESP (SP)

Outstanding body of world-leading outputs

- 78 papers, 19 chapter books
- Papers chosen as editors pick, highlighted in other journals, selected for cover and subject of media interest. Editorial comments on Urology (April, 2010), Award by Arquivos Brasileiro de Cardiologia, (2011)

Longstanding, sustained track record in winning major grants.

- I have been awarded, over R\$ 1.660.000,00 and U\$ 346,300.00 in funding for research, conference meeting, travel award, organizing conference meeting, visiting professor, multicentre users.
- I am PI on R\$ 1.140.000,00 and U\$ 346,300.00.
- I am the academic mentor/supervisor on Fellowships/scholarship worth R\$ 1.602.943,22.

Leadership of Research Programs.

- I lead an internationally-recognized CARDIOVASCULAR group at a major University, and am recognized as the world expert on HEALTH AND EXERCISE SCIENCE.
- I also have international collaborations and grants.
- As Editor-in-Chief of Motriz and Associate Editor of Life Sciences/Elsevier, I represent my country internationally.

COMMITTEE SERVICES

1996-2007: Member of Department Committee, Institute of Bioscience/UNESP

2007: Member of organizing Committee of Symposium in Kinesiology Science in Sao Paulo State

2007: Member of organizing Committee of Adapted physical Activity and health for All in Sao Paulo State

2004-2010. Coordinator of Graduate Program in Kinesiology Sciences in UNESP

2004-2010. Member of Faculty Committee in Institute of Bioscience/UNESP

2010. President of Brazilian Graduate Program in Kinesiology Science

2013-2015: member of Section Advisory Committee, Brazilian Physiological Society

2015: President of IX Congresso Internacional de Educação Física e Motricidade humana e XV Simpósio Paulista de Educação Física. 3 – 6 June , UNESP/Rio Claro, SP.

PROFESSIONAL SOCIETIES AND SCIENTIFIC COMMITTEES

Brazilian Hypertension Society

Brazilian Physiological Society

Member of Council of the Brazilian Physiological Society (2013/2017)

Member of Brazilian Council of the Scientific Editors (**ABEC**)-(2015-2018)

Member of Scientific Council of the Brazilian Hypertension Society (2017-2020)

GRANT REVIEW ACTIVITIES

2001-present. National Research Program CAPES ad hoc member

2009-present. National Research Program CNPq

2009-present. Sao Paulo Research Foundation (FAPESP)

EDITORIAL ACTIVITIES

2010-present

Associate Editor of Life Sciences Journal/Elsevier

2012-2015

Executive Editor of Life Sciences/Elsevier

2016-2018

Editor-in-Chief of Motriz: Journal of Physical Education/UNESP

2000-present

Ad hoc Reviewer:

American Journal of Physiology. Heart and Circulatory Physiology

Diabetes Research and Clinical Practice

European Journal of Pharmacology

Experimental Lung Research

Experimental Physiology

International Journal of Experimental Pathology

Journal of Brazilian Nutrition

Journal of Brazilian Physical Therapy

Life Sciences Journal

Motriz, Brazil

Pharmacological Research

Revista Psicologia Clínica

The Journal of Nutrition, Health & Aging

TEACHING ACTIVITIES: Formal Course Responsibilities per year

Undergraduate Teaching: Human Physiology integrated to health (120 contact hours)

Graduate Teaching: Cardiovascular Physiology: basic concepts and applied to exercise sciences (60 contact hours)

HONOR AND PRIZES

2004. Nominee in Cardiovascular Pharmacology poster session entitled: Beneficial effects of exercise training in erectile responses of nitric oxide-deficient rats by Claudino et al. In XXXVI Brazilian Congress of Pharmacology Society. Águas de Lindóia, São Paulo, Brazil.

2008. Nominee in Cardiovascular research section entitled: Blood pressure and aerobic capacity in normotensive and hypertensive postmenopausal women: effect of exercise training by Sponton et al. In XVI Congresso f Hypertension Society, Rio de Janeiro, Brazil.

2009. Nominee in Cardiovascular Pharmacology poster session entitled: Polimorfismo do gene da eNOS na posição 786 relacionado com dislipidemias em adultos by Malagrino et al., In IX Congress in Biology Science for undergraduate Students, Campinas, Brazil.

2009. Nominee in Exercise Biology pôster session entitled: Pulmonary ischemia/reperfusion and vascular responsiveness in exercised rats by Delbin ET al. In XXIV Annual Congress of Brazilian Experimental Biology Societies, Águas de Lindóia (SP), Brazil.

2010. Travel Ward, Global Obesity Summit. Jackson, Mississipi.

2011. Nominee in Premio Arquivos Brasileiro de Cardiologia de publicação científica com o trabalho: Prevalência de Dislipidemia em Indivíduos Fisicamente Ativos durante a Infância, Adole, Brasil prevent.

2012. Nominee in XVI Simpósio Brasileiro de Fisiologia Cardiovascular. Mitochondrial function and exercise.

2012. Nominee in poster session in 1º Simpósio Brasileiro de Genômica e Esporte. Effect of exercise training on the blood pressure in volunteers with or without eNOS polymorphism.

2013. Nominee in Pemberton Award, 3rd Edition, **Applied Science:** O polimorfismo da posição intron 4b/a do gene NOS3 atenua a resposta da pressão arterial frente ao exercício físico aeróbio independente da presença de síndrome metabólica: um estudo crossover e duplo cego.

2013. Nominee in Pemberton Award, 3rd Edition, **Basic Science:** Redução do estresse oxidativo pelo treinamento físico aeróbio melhora as respostas relaxantes em artéria femoral e corpo cavernoso de ratos alimentados com dieta hiperlipídica.

2013. Nominee in **III Simpósio em Biologia Vascular:** Papel do tecido adiposo perivascular em aorta de ratos tratados com dieta de cafeteria e treinados, Faculdade de Ciências Farmacêuticas de Ribeirão Preto.

2013. Nominee in **Prof.Eduardo Krieger award no XXI Congresso Brasileiro De Hipertensão:** Efeito do treinamento físico aeróbio realizado na intensidade da máxima fase estável de lactato sobre a pressão arterial, concentrações de nitrito/nitrato e a atividade das enzimas antioxidantes em adultos. **Sociedade Brasileira de Hipertensão, Ribeirão Preto (SP).**

2014. Nominee in XX InterAmerican Society of Hypertension and XXII Sociedade Brasileira de Hipertensão, Salvador (Ba): The beneficial effects of physical exercise training activate different pathways in normotensive and hypertensive women.

2016. Nominee in XXIV Congresso da Sociedade Brasileira de Hipertensão (Garcia, NF et al. Metabolic and vascular responses to aerobic exercise training in LDLr-/- mice fed with high fat diet). Sao Paulo, SP, Brazil.

2017. Nominee in XXI Simpósio Brasileiro de Fisiologia Cardiovascular (Valgas da Silva, CP et al. Efeitos do tratamento com mirabegron em aorta com PVAT e nos parametros bioquímicos de camundongos obesos). Sao Paulo, SP, Brazil.

FUNDING PROJECTS

1997/1999. LEADER PROJECT FAPESP

Project: Arterial hypertension induced by nitric oxide inhibition: influence on the muscarinic and beta adrenergic receptor in rat isolated atria

Brazilian currency (R\$)	(U\$)
Research : 7.045,00	31,416.00
RT: 10.519,50	
Total: 17.564,50	

2001/2003. LEADER PROJECT FAPESP

Project: The role of adenosine receptors on bradycardia induced by physical training in rats

Brazilian currency (R\$)	(U\$)
Research: 22.616,00	12,000.00
RT: 10.519,50	
Total: 33.135,50	

2004/2007. LEADER PROJECT FAPESP

Project: Influence of physical exercise on the rat corpus cavernosum responses in arterial hypertension, type 1 diabetes mellitus and dyslipidemia.

Brazilian currency (R\$)	(U\$)
Research: 86.674,69	20,000.00
RT: 16.778,75,50	
Total: 103.453,44	

2007/2009: LEADER PROJECT FAPESP

2005/2007. LEADER PROJECT FAPESP

Project: Effects of exercise training associated with high caloric diet on the rat vascular smooth muscle (mesenteric and aorta)

Brazilian Currency (R\$)	(U\$)
Research: 32.054,00	10,000.00
RT: 8.013,50	
Total: 40.067,50	

2005/2007. LEADER PROJECT FAPESP

Project: Effects of exercise training on the blood pressure and nitrite/nitrate levels in postmenopausal women: influence of eNOS gene polymorphism

Brazilian currency (R\$)	(U\$)
Research: 38.875,00	
RT: 9.718,75	
Total: 48.593,75	

2007/2009. LEADER PROJECT FAPESP

Project: Vascular reactivity in rat mesenteric and pulmonary arteries in lung ischemia/reperfusion model: effect of exercise training

Brazilian currency (R\$)	(U\$)
Research:40.000,00	25,620.00
RT: 12.416,20	15,000.00
Total: 52.416,20	40,620.00

2007/2010. LEADER PROJECT FAPESP

Project: Vascular reactivity in rat aorta and mesenteric arteries in obesity-induced dietary and fat burners administration

Brazilian currency (R\$)	(U\$)
Research:38.730,00	5,000.00
RT: 4.877,55	
Total: 43.850,55	

2009/2010. LEADER PROJECT FAPESP

Project: Epidemiology of practice of physical activity in leisure time in São Paulo State

Brazilian currency (R\$)	(U\$)
Research:34.367,00	
RT: 5.155,05	
Total: 39.522,05	

2009/2011. LEADER PROJECT FAPESP

Project: Effects of exercise training associated with aminoguanidine treatment on the plasma advanced glycation end-products levels and vascular responsiveness in femoral and coronary arteries in diabetic rats.

Brazilian currency (R\$)	(U\$)
Research:23.299,00	54,797.50
RT: 17.789,85	
Total: 41.088,85	54,797.50

2010/2012. LEADER PROJECT FAPESP

Project: Effects of L-arginine supplementation and exercise training on the blood pressure and endocrine-metabolic parameters in postmenopausal women

Brazilian Currency (R\$)	(U\$)
Research:61.966,66	20,000.00
RT: 13.995,00	20,163.00
Total: 75.961,66	40,163.00

2012/2014. LEADER PROJECT FAPESP

Project: Effects of exercise training on cardiovascular and endocrino-metabolic parameters in postmenopausal women.

Brazilian Currency (R\$)	(U\$)
Research:66.231,29	67,345.15
RT: 25.402,98	
Total: 91.634,18	67,345.15

2010. CO-LEADER FAPESP R\$ 520,000.00

Project: multi-centre: acquisition of confocal microscopy

2014/2016. LEADER PROJECT CNPq (UNIVERSAL): R\$ 55.000,00

Project: Perivascular adipose tissue, adipokines, vascular responses in trained rats.

VISITING PROFESSOR

2010. FAPESP/CNPq: R\$ 2.500,00 - Dr. Loren E Wold

2011. FAPESP R\$ 3.240,00 - Dr Aaron Trask

2012. FAPESP US\$ 1,700.00 - Prof Loren E Wold

CONFERENCE MEETING ORGANIZER

2007. Leader Project FAPESP

XI Simpósio Paulista de Educação Física, RIO CLARO (SP), 2007.

Brazilian Currency (R\$)	(US\$)
21.820,00	2,800.00

2013. Leader Project FAPESP/CNPQ AND CAPES: R\$ 95.000,00

PRESIDENT OF ORGANIZING COMMITTEE, XVII SYMPOSIUM OF CARDIOVASCULAR PHYSIOLOGY: January 30th to February 2nd, Rio Claro (SP).

2015. Leader Project FAPESP: R\$ 33.800,00.

PRESIDENT OF ORGANIZING COMMITTEE, IX INTERNATIONAL CONGRESS OF PHYSICAL EDUCATION, June 3rd to 6th, Rio Claro (SP).

2015. Leader Project CAPES: R\$ 35.000,00.

PRESIDENT OF ORGANIZING COMMITTEE, IX INTERNATIONAL CONGRESS OF PHYSICAL EDUCATION, 3 – 6 June, Rio Claro (SP).

TRAVEL AWARDS

2000 The australasian society clinical experimental pharmacologists and toxicologists, Melbourne, Austrália \$ 3,530.00

2002 XIVth World Congresso of Pharmacology, San Francisco, USA \$ 3,000.00

2002 XVth Scientific Meeting of the Inter-American Society of Hypertension, Santo Antonio, Texas (USA) \$ 3,000.00

2005 XVI Scientific Meeting of the Interamerican Society of Hypertension, Cancun, México \$ 2,000.00

2006 53rd Annual Meeting American College of Sports Medicine, Denver, Colorado, usa \$ 4,000.00

2007 3rd International Conference on cGMP, Dresden, Alemanha \$ 4,000.00

2008 Fithth International Conference Biology, Chemistry and therapeutic Applications of Nitric Oxide, Bregenz, Áustria, U\$ 4,385.00

2009 European Society of Cardiology, Barcelona, Espanha \$ 3,200.00

2011. 18th Annual Meeting of Society for free Radical Biology and Medicine . Atlanta, USA, U\$ 8,485.00

2015. Experimental Biology, Boston (MA) and Elsevier meeting/Executive editors,

Brazilian Currency (R\$)	(U\$)
4.932,50	5,125.00

2015. Cardiovascular, Renal and Metabolic Diseases: Physiology and Gender. American Physiological Society. Travel Award to Iane Paiva Novais: U\$ 300.00

2015. Cardiovascular, Renal and Metabolic Diseases: Physiology and Gender. American Physiological Society. Travel Award to Aline P Jarrete: U\$ 500.00

FORMALLY SUPERVISED TRAINEES:

Undergraduate students

1. Zoila maria Vergaças (1988)
2. Jorge Henrique de Magalhães Sasso (1988)
3. Teresa Giovani Bruno (1993)
4. Cristiana F. Monteiro (1993)
5. Reisa Cristiane de Paula (1997)
6. Rogério Brandão Wichi. (1997-1998) (scholarship/FAPESP)
7. Adriano Silva Martins. (1997-1998) (scholarship/FAPESP)

8. Camila de Moraes (2000-2001)
9. Marta Chiavegatti (2002-2003)
10. Maria Andréia Delbin (2002-2003)
11. Laisa Cristina Ferreira Pereira Lima (2002-2003)
12. Ana Carolina Strausser (2002-2003)
13. Silvia Maria Andreoli de Souza (2003-2004)
14. Lilian Juliana Furlan (2006-2007)
15. Lara Belmudes Bottcher (2002-2003)
16. Nadia Sabrina Mariano (2003-2004). (Scholarship/FAPESP)
17. Tiago Marques de Rezende (2006-2007).
18. Ana Rubia Penteado Botacin (2006-2007).
19. Nathália Silveira Simões (2007-2008).
20. Pamella Araújo Mallagrino. (2008-2010). (Scholarship/FAPESP)
21. Fernanda Carla de Carvalho (2009-2010).
22. Rodrigo Degli Esposti (2009-2010). (Scholarship PIBIC/CNPq)
23. Carmen Peres Valgas da Silva (2010-2012). (Scholarship/FAPESP)
24. Emeline Peres (2009-2010). (Scholarship/FAPESP)
25. Maycon Ferreira Junior (2012-2013). (Scholarship PIBIC/CNPq)

Master Degree Students

1. Sonia Regina Riado (1997- 1999) (scholarship/Fapesp)
2. Alessandra Lia Gasparetti (1998 -2000) (scholarship/Fapesp)
3. Rogério Brandão Wichi (1999 - 2001) (scholarship/Fapesp)

4. Adriano Silva Martins (1999 - 2001). (scholarship /CNPq)
5. Rachel Lima Camacho (1999-2001) (scholarship/CAPES)
6. Tatiane Cristina de Araujo Nogueira (2000-2002) (scholarship/FAPESP)
7. Fernanda Bruschi Marinho Priviero. (2000-2002) (scholarship/FAPESP)
8. Camila de Moraes. (2002-2004) (scholarship/CAPES).
9. Pedro Renato Zaros. (2003-2005)
10. Carla Eduarda Romero. (2003-2005) (scholarship/CNPq).
11. Tiago Marques Rezende. (2008-2009) (scholarship/CAPES)
12. Carlos Henrique Grossi Sponton (2008-2010) (scholarship CNPq)
13. Rossana Annelice Gomez (2009-2010). (scholarship/CAPES).
14. Rodrigo Degli Esposti (2011-2012). (Scholarship CNPq)
15. Chadi P Anaruma (2012-2014). (Scholarship CNPq)
16. Carmem P Valgas da Silva (2012-2014). (scholarship/FAPESP)
17. Aline Pincerato Jarrete (2013-2014). (Scholarship CNPq)
18. Hygor N Araujo (2013-2014). (Scholarship CNPq)
19. Nadia Fagundes Garcia (2014/2016). (Scholarship CNPq)
20. Maycon Ferreira Junior (2014-2016). (scholarship CNPq)

PhD Students

1. Gustavo Ribeiro da Mota (2004-2007).
2. Camila de Moraes (2004-2007) (scholarship/CAPES).
3. Maria Andréia Delbin (2007–2009) (scholarship/FAPESP).

4. Alexandre Sérgio Silva. (scholarship/CAPES).
5. Giselda Felix Coutinho (2007-2010) (scholarship/CAPES)
6. Valéria Ribeiro N Barbosa (2007-2010) (Scholarship/CAPES).
7. Rômulo Araújo Fernandes (2008-2011) (scholarship/CAPES).
8. Guilherme M Puga (2009-2012), (scholarship/FAPESP)
9. Carlos Henrique Grossi Sponton (2010-2013), (scholarship/FAPESP).
10. Iane Paiva de Novais (2010-2013), (scholarship/FAPESP)
11. Carmem P Valgas da Silva (2014-2018): (scholarship/CAPES)

Post Doctoral

1. Fernanda B Marinho Priviero (2007-2010) (scholarship/FAPESP)
2. Maria Andréia Delbin (2009-2013) (scholarship/FAPESP)

Young Researcher

1. Maria Andréia Delbin – 2012/2013 (Fellowship: Prope/UNESP):
2. Iane Paiva de Novais - 2015-2016 (Fellowship: Prope/UNESP):

PUBLISHED PAPERS

ORIGINAL ARTICLES:

1. ZANESCO A, DE MORAES S. Effect of acute footshock stress on the responsiveness of the isolated rat tail artery to phenylephrine and epinephrine. **Braz. J. Med. Biol. Res.**, 25: 63-66, 1992.
2. ZANESCO A, SPADARI-BRATFISCH RC, BARKER LA. Sino-aortic deafferentation causes right atrial β -adrenoceptor down-regulation. **J. Pharmacol. Exp. Ther.**, 280: 667-685, 1997.

3. COSTA KP, HYSLOP S, NATHAN LP, ZANESCO A, BRAIN SD, DE NUCCI G, ANTUNES E. Activation by Phoneutria nigriventer spider venom of autonomic nerve fibers in the isolated rat heart. **Eur. J. Pharmacol.** 363: 139-146, 1998.
4. ZANESCO A, COSTA SKP, RIADO SR, OLIVEIRA CF, DE LUCA I, ANTUNES E., DE NUCCI G. Modulation of coronary flow and cardiomyocyte size by sensory nerve fibres in rats. **Hypertension**, 34: 790-794, 1999.
5. RIADO SR, ZANESCO A, DE LUCA I, ANTUNES E, DE NUCCI G. Long-term Nitric Oxide inhibition and Chronotropic Responses in Rat Right Atria. **Hypertension**, 34: 802-806, 1999.
6. CALIENDO G, FIORINO F, GRIECO P, PERISSUTTI E, SANTAGADA V, MELI R, RASO GM, ZANESCO A, DE NUCCI G. Preparation and local anaesthetic activity of benzotriazinone and benzoyltriazole derivatives. **Eur. J. Med. Chem.** 34: 1043-1051, 1999.
7. GASPARETTI AL, HYSLOP S, COSTA SKP, PRIVIERO FBM, DE NUCCI G, ANTUNES E, ZANESCO A. Chronotropic response of α -adrenergic-, muscarinic-, and calcitonin gene-related peptide-receptor agonists in right atria from neonatal capsaicin-treated rats. **Neurosci. Lett.** 325: 147-150, 2002.
8. BRICOLA AAO, TEIXEIRA SA, LUCA IMS, MUSCARÁ MN, ABDALA FMF, PORTO CS, ZANESCO A, ANTUNES E, DE NUCCI G. Upregulation of muscarinic receptors by long-term nitric oxide inhibition in the rat ileum. **Clin. Exp. Pharmacol. Physiol.**, 30(3):168-73, 2003.
9. MEDEIROS MV, DE LUCA IM, BRICOLA AA, ZANESCO A, DE NUCCI G, ANTUNES E. Enhanced airways responsiveness in rats depleted of sensory neuropeptides by neonatal capsaicin treatment. **Neurosci Lett.** 341(2):103-6, 2003.
10. PRIVIERO F, DE NUCCI G, ANTUNES E, ZANESCO A. Negative chronotropic response to adenosine receptor stimulation in rat right atria after run training. **Clin Exp Pharmacol Physiol.** 31(10):741-3, 2004.
11. CLAUDINO MA, PRIVIERO FB, TEIXEIRA CE, DE NUCCI G, ANTUNES E, ZANESCO A. Improvement in relaxation response in corpus cavernosum from trained rats. **Urology.** 63(5):1004-8, 2004.
12. Teixeira CE, Baracat JS, Zanesco A, Antunes E, De Nucci G. Atypical beta-adrenoceptor subtypes mediate relaxations of rabbit corpus cavernosum. **J Pharmacol Exp Ther.** 309(2):587-93, 2004.
13. DELBIN, M. A, MORAES, C., ZANESCO, A.. Efeito do exercício por dança na

- pressão arterial de mulheres hipertensas. **Revista Brasileira de Hipertensão.** , v.11, p.267 - 269, 2004.
14. MORAES, C., ROMERO, C. E. M., FARIAS-SILVA, E., ZANESCO, A. Serum Leptin Level in Hypertensive Middle-Aged Obese Women. **Endocrinologist.** , v.15, p.219 - 221, 2005.
 15. PRIVIERO FB, TEIXEIRA CE, TOQUE HA, CLAUDINO MA, WEBB RC, DE NUCCI G, ZANESCO A, ANTUNES E. Vasorelaxing effects of propranolol in rat aorta and mesenteric artery: a role for nitric oxide and calcium entry blockade. **Clin Exp Pharmacol Physiol.** 33(5-6): 448- 55, 2006.
 16. PRIVIERO FB, TEIXEIRA CE, CLAUDINO MA, DE NUCCI G, ZANESCO A, ANTUNES E. Vascular effects of long-term propranolol administration after chronic nitric oxide blockade. **Eur J Pharmacol.**, 2007, 571(2-3):189-196, 2007.
 17. DELBIN M.A., MORAES C., CAMARGO E., MUSSI R.K., ANTUNES E., DE NUCCI G., ZANESCO A. Influence of physical preconditioning on the responsiveness of rat pulmonary artery after pulmonary ischemia/reperfusion. **Comp Biochem Physiol A Mol Integr Physiol.** , 2007, 147(3):793-798, 2007.
 18. DE MORAES C., CAMARGO E.A., ANTUNES E., DE NUCCI G., ZANESCO A. Reactivity of mesenteric and aortic rings from trained rats fed with high caloric diet. **Comp Biochem Physiol A Mol Integr Physiol.**, 2007 147(3):788-792, 2007.
 19. CLAUDINO MA, PRIVIERO FB, CAMARGO EA, TEIXEIRA CE, DE NUCCI G, ANTUNES E, ZANESCO A. Protective effect of prior physical conditioning on relaxing response of corpus cavernosum from rats made hypertensive by nitric oxide inhibition. **Int J Impot Res.**19(2):189-95, 2007.
 20. MUSSI RK, CAMARGO EA, FERREIRA T, DE MORAES C, DELBIN MA, TORO IF, BRANCHER S, LANDUCCI EC, ZANESCO A, ANTUNES E. Exercise training reduces pulmonary ischaemia- reperfusion-induced inflammatory responses. **Eur Respir J.** 31(3):645-9, 2008.
 21. DE MORAES C, DAVEL AP, ROSSONI LV, ANTUNES E, ZANESCO A. Exercise training improves relaxation response and SOD-1 expression in aortic and mesenteric rings from high caloric diet-fed rats. **BMC Physiol.** 8:12-19, 2008.
 22. LINTOMEN L, FRANCHI G, NOWILL A, CONDINO-NETO A, DE NUCCI G, ZANESCO A, ANTUNES E. Human eosinophil adhesion and degranulation stimulated with eotaxin and RANTES in vitro: lack of interaction with nitric oxide. **BMC Pulm Med.** 12;8:13, 2008.
 23. CAMARGO E.A., DELBIN M.A., FERREIRA T., LANDUCCI E.C.T., ANTUNES E.,

- ZANESCO A. Influence of acute pancreatitis on the in vitro responsiveness of rat mesenteric and pulmonary arteries. **BMC Gastroenterol.** 29;8:19, 2008.
24. MÓNICA F.Z., BRICOLA A.A.O., BÁU F.R., FREITAS L.L.L., TEIXEIRA S.A., MUSCARÁ M.N., ABDALLA F.M., PORTO C.S., DE NUCCI G, ZANESCO A, ANTUNES E. Long-term nitric oxide deficiency causes muscarinic supersensitivity and reduces beta(3)-adrenoceptor-mediated relaxation, causing rat detrusor overactivity. **Br J Pharmacol.** 153(8):1659-1668, 2008.
 25. CLAUDINO MA, FRANCO-PENTEADO CF, PRIVIERO FB, CAMARGO EA, TEIXEIRA SA, MUSCARÁ MN, DE NUCCI G, ZANESCO A, ANTUNES E. Up-regulation of gp91phox Subunit of NAD(P)H oxidase Contributes to Erectile Dysfunction Caused by Long-term Nitric Oxide Inhibition in Rats: Reversion by Regular Physical Training. **Urology**, 2009.
 26. ZAROS PR, ROMERO-PIRES CEM, BACCI M, MORAES C, ZANESCO A. Effect of 6-months of physical exercise on the nitrate/nitrite levels in hypertensive postmenopausal women. **BMC Women's Health**, 9:17, 2009.
 27. DE CASTRO MAC, CAVALCANTI NETO FF, LIMA LMC, SILVA FM, OLIVEIRA RJ ZANESCO A. Production of free radicals and catalase activity during acute exercise training in Young men. **Biology of Sport**, 26: 113-118, 2009.
 28. FERNANDES RA, SPONTON CHG, ZANESCO A. Atividade Física na infância e na adolescência promove efeitos benéficos na saúde de adultos. **Revista SOCERJ**, 22 (8): 365- 372, 2009.
 29. CALIXTO MC, LINTOMEN L, SCHENKA A, SAAD MJ, ZANESCO A, ANTUNES E. Obesity enhances eosinophilic inflammation in a murine model of allergic asthma. **Br. J Pharmacol.** , 253 - 259, 2010.
 30. SPONTON CHG, REZENDE TM, MALLAGRINO PA, FRANCO-PENTEADO CF, BEZERRA MAC, ZANESCO A. Women with TT genotype for eNOS gene are more responsive in lowering blood pressure in response to exercise. **Eur J Cardiovasc Prev & Rehabilitation** (Print), 2010.
 31. FERNANDES RA, ZANESCO A. Early physical activity promotes lower prevalence of chronic diseases in adulthood. *Hypertension Res.*, 33: 926-931, 2010.
 32. TOQUE HA, DA SILVA FH, CALIXTO MC, LINTOMEN L, SCHENKA AA, SAAD MJA. ZANESCO A, ANTUNES E. High-fat diet associated with obesity induce impairment of mouse corpus cavernosum responses. **BJU International**. 2010.
 33. DELBIN MA, DAVEL APC, ROSSONI LC, ANTUNES E, ZANESCO A. Beneficial Effects of Physical Training on the Cardio-Inflammatory Disorder Induced by

Lung Ischemia/Reperfusion in Rats. **Inflammation**, 2010.

34. GOMEZ-CAMPOS RA; Monteiro H; Cossio-Bolaños MA; ZANESCO A. Prescripción del ejercicio físico en poblaciones con enfermedades crónicas degenerativas no transmisibles. **Revista Andaluza de Medicina del Deporte**, 2010.
35. REZENDE, TIAGO M. ; SPONTON, CARLOS H.G. ; MALAGRINO, PAMELLA A. ; BEZERRA, MARCOS A.C. ; PENTEADO, CARLA F.F. ; ZANESCO, ANGELINA . Effect of exercise training on the cardiovascular and biochemical parameters in women with eNOS gene polymorphism. **Archives of Physiology and Biochemistry**, v. 23, p. 1-5, 2011.
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CHAPTER BOOKS

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SEMINARS INVITED PRESENTATIONS

Plenary Lectures and Symposia

Invited Lecture, **Ética em Pesquisa**, Congresso de Educação Física de Jundiaí, SP, 2006.

Session Chair, **Adapted physical activity and health for all**. XVI International Symposium of adapted physical activity (ISAP), Rio Claro, SP, 2007.

Invited Speaker, **Exercício Físico E Hipertensão Arterial**. II Simpósio Internacional de atividade física, esporte e saúde, Sao Paulo, SP, 2008

Session Chair, **Exercício físico e obesidade**, XXX Congresso da Sociedade de Cardiologia do Estado de São Paulo, SOCESP, SP, 2009.

Invited Speaker, **Vascular reactivity of femoral arteries from diabetic trained rats**, XXVI Reunião Anual da Federação da Sociedade de Biologia Experimental FesBE, Caxambu, MG, 2010.

Invited Speaker, **Effect of exercise training on the cardio-metabolic disease**, XXXI Congresso da Sociedade de Cardiologia do Estado de São Paulo SOCESP, SP, 2010.

Session Chair, **Educação Física Translacional: da pesquisa a aplicação clínica**. XXXI Congresso da Sociedade de Cardiologia do Estado de São Paulo, SOCESP, SP, 2010.

Session Chair: **Apresentação de Grupos de pesquisa**, Forum SOCESP, SP, 2010.

Invited Lecture, **Ambulatory blood pressure measurement in middle-aged women after exercise performance and L-arginine supplementation**, SOCESP, SP, 2011.

Session Chair, **Obesidade, doenças cardiometabólicas e exercício físico**. In: VII

Congresso Internacional de Educação e Motricidade Humana e XIII Simposio Paulista de Educação Física, Rio Claro,, SP, 2011.

Session Chair, **Apresentação de trabalhos de grupos de pesquisa em Fisiologia Cardiovascular**. In XV Simpósio Brasileiro de Fisiologia Cardiovascular, Sao Paulo, SP, 2011.

Session Chair, **Biologia do Exercício**, XXVII Reunião Anual da Federação da Sociedade de Biologia Experimental – FeSBE, Águas de Lindóia, SP, 2012.

Invited Speaker, **Produtos finais da glicolisação avançada (AGES), resposta vascular e exercício físico**, XXVII Reunião Anual da Federação da Sociedade de Biologia Experimental – FeSBE, Águas de Lindóia, SP, 2012.

Session Chair, **Obesity and metabolism: a matter of lifestyle?** XLVII Congresso Anual da Sociedade Brasileira de Fisiologia, Gramado, RGS, 2012.

Session Chair, **Estresse oxidativo e exercício físico**, Conferencias USP, Bauru, SP, 2012.

Invited Speaker, **Exercício Físico nas disfunções cardiometabólicas associadas ao climatério**. XX Congresso da Sociedade Brasileira de Hipertensão, Sao Paulo, SP, 2012

Session Chair, **Exercício, Sistema Nervoso autonômico e Inflamação**. XXXIII Congresso da Sociedade de Cardiologia do Estado de São Paulo, SOCESP, SP, 2012.

Invited Speaker, **Exercício e Inflamação**, XXXIII Congresso da Sociedade de Cardiologia do Estado de São Paulo, SOCESP, SP, 2012

Invited Speaker, **Respostas cardiovasculares e endocrino-metabólicas ao treinamento físico em mulheres no climatério**, XXXIV Congresso da Sociedade de Cardiologia do Estado de São Paulo SOCESP, SP, 2013.

Invited Speaker, **Glycemic control and blood lactate levels in response to a session of aerobic exercise in type 1 diabetic adults (T1DM)**, , XXVIII Reunião Anual da Federação da Sociedade de Biologia Experimental FESBE, 2013

Invited Speaker, **Exercício Físico e sistema cardiovascular. Por que praticá-lo e o que temos a aprender no Programa O Jovem e a Ciência no futuro**, FESBE 2013.

Invited Speaker, **A saúde da mulher: viver bem ou parecer bem**, VIII Congresso Internacional de Educação Física e Motricidade Humana, Rio Claro, SP, 2013.

Invited lecture, **Cardiovascular Physiology and Physical Exercise: Experimental model and human studies**, Harvard Medical School, Boston, MA, 2013.

Invited Speaker, **Biomarcadores cardio-inflamatórios em mulheres no climatério: efeito do treinamento físico aeróbio**, VIII Reunião Regional da Federação de Sociedades de Biologia Experimental, Guarapari, ES, 2013.

Invited Speaker, **Marcadores metabólicos**, XXXV Congresso da Sociedade de Cardiologia do Estado de São Paulo SOCESP, SP, 2013.

Session Chair, **XVII Simpósio Brasileiro de Fisiologia Cardiovascular**, Londrina, PR, 2014.

Invited Lecture, **Endocrine and Cardiovascular Biomarkers in Hypertensive Postmenopausal Women Submitted to Aerobic Training**, New Insights in Exercise Science and cardiovascular system, University of São Paulo, São Paulo, SP, 2014.

Invited Speaker, **Blood pressure, gender and cardio-inflammatory mediators - a gap in the knowledge**. 1ST International Symposium on autonomic neural regulation of the immune system: implications for hypertension and cardiovascular disease, São Paulo, SP, 2014

Invited Speaker, **Perivascular adipose tissue, adipokines and vascular responses in trained rats**, Experimental Biology, San Diego, CA, 2014.

Invited Speaker, **Sedentarism/physical inactivity in Prevenção de Doença Cardiovascular**. XXII Congresso Brasileiro de Hipertensão e XX Interamerican Society of Hypertension, Salvador, BA, 2014.

Session Co-Chair, **Exercise training and arterial hypertension**, XXII Congresso Brasileiro de Hipertensão e XX Interamerican Society of Hypertension, Salvador, BA, 2014.

Invited Speaker, **Endothelial function: role of physical exercise**, XXII Congresso Brasileiro de Hipertensão, Rio de Janeiro (RJ), 2015.

Invited Speaker, **Immune System and Hypertension**. XXIV Congresso Brasileiro de Hipertensão, São Paulo, SP, 2016.

Invited Speaker, **Biomarcadores cardioinflamatórios em mulheres no climatério**. Disciplina: Seminários de Biologia Funcional e Molecular, Programa de Pós-Graduação em Biologia Funcional e Molecular, UNICAMP, Campinas, SP, 2016.

Invited Speaker, **Arterial hypertension and Immune System**. Disciplina: Tópicos em Farmacologia e Farmacocinética, Programa de Pós-Graduação em Farmacologia, UNICAMP, Campinas, SP, 2017.

Session Chair, **Apresentação de trabalhos de grupos de pesquisa em Fisiologia Cardiovascular**. In XXI Simpósio Brasileiro de Fisiologia Cardiovascular, Sao Paulo, SP, 2017.

Session Chair. Women in Science. In International Union of Physiological Sciences (IUPS). Rio de Janeiro, RJ, 2017.

Session chair. Keynote Lecture. Myometrial contractility – the rhythms of contraction and life. In International Union of Physiological Sciences (IUPS). Rio de Janeiro, RJ, 2017.

Invited Speaker . Women in Science, FESBE, Rio Grande, RS, 2018.

PUBLISHED ABSTRACTS

Brazilian Conference Meeting:

WICHI RB, SHIBUYA C, DE LUCA IMS, ANTUNES E, NUCCI G, ZANESCO A. Cardiac response of swim training during inhibition of nitric oxide from rats In: XXIII Simpósio Internacional de Ciências do Esporte, 05 a 08 de Outubro de 2000, São Paulo (SP). **Revista Brasileira de Ciência do Movimento**. p.119.

PRIVIERO FBM, ANTUNES E, NUCCI G, ZANESCO A. Effect of physical activity on the chronotropic response mediated by adenosine receptors in isolated rat right atria. XXIII Simpósio Internacional de Ciências do Esporte, 05 a 08 de Outubro de 2000, São Paulo (SP). **Revista Brasileira de Ciência do Movimento**. p.50

ZANESCO A, MARTINS AS, BARKER IA, NUCCI G, ANTUNES E. Role of adenosine A3, receptors on the bradycardia induced by swim training. IX Congresso da Sociedade Brasileira de Hipertensão 17 a 19 de Agosto de 2000, Salvador (BA). **Revista da Sociedade Brasileira de Hipertensão**. p.9.

PRIVIERO FBM, ZANESCO A, TEIXEIRA CE, NOGUEIRA TCA, ANTUNES E, NUCCI G, DEMELLO MAR, KOKUBUN E, AZEVEDO, JRM, SHIBUYA CY, PAPOTI, M, GOBATTO CA. Maximal lactate steady-state determination in sedentary rats submitted to treadmill running. XXIV Simpósio Internacional de Ciências do Esporte, 11 a 13 de Outubro de 2001, São Paulo (SP). **Revista Brasileira de Ciência e movimento**, p.75.

MORAES C, WICHI RB, GOMES RJ, LUCIANO E, ZANESCO A. Efeitos do exercício aeróbio no tecido conjuntivo e nos cardiomiócitos de ratos diabéticos. XXIV Simpósio Internacional de Ciências do Esporte, 11 a 13 de Outubro de 2001, São Paulo (SP). **Revista Brasileira de Ciência e Movimento**, p.140.

ZANESCO A, ANTUNES E, PRIVIERO FMB, NUCCI G. Adenosine receptors in isolated right atria from treadmill trained rats. X Congresso da Sociedade Brasileira de

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MORAES C, BOTTCHER LB, ROMERO, CEM, CHIAVEGATTI M, KOKUBUN E, ZANESCO A. Quantificação dos níveis plasmáticos de leptina em mulheres com sobrepeso e obesas. X Congresso Brasileiro de Obesidade, 16 a 18 de Agosto de 2003, Campinas (SP). **Arquivos Brasileiros de Endocrinologia e Metabologia**, v.47 p.S389.

BOTTCHER LB, MORAES C, ROMERO CEM, CHIAVEGATTI M, KOKUBUN E, ZANESCO A. Efeito das diferentes combinações de exercícios sobre a perda de peso e níveis glicêmicos em mulheres com sobrepeso. X Congresso Brasileiro de Obesidade, 16 a 18 de Agosto de 2003, Campinas. **Arquivos Brasileiros de Endocrinologia e Metabologia**, v.47 p.S390.

MORAES C, BOTTCHER LB, CHIAVEGATTI M, KOKUBUN E, ZANESCO A. Níveis Plasmáticos de leptina e perfil lipídico em mulheres obesas normotensas e hipertensas. XXVI Simpósio Internacional de Ciências do Esporte, São Paulo. **Revista Brasileira de Ciências do Movimento**. p.264.

MORAES C, CHIAVEGATTI M, BOTTCHER L, ROMERO CE, KOKUBUN E, ZANESCO A. Avaliação bioquímica e cardiovascular de voluntários obesos na cidade de Rio Claro. XII Congresso da Sociedade Brasileira de Hipertensão, 07 a 09 de Agosto de 2003, Natal. **Revista da Sociedade Brasileira de Hipertensão**, v.6 p.103.

PRIVIERO FMB, TEIXEIRA CE, CLAUDINO MA, NUCCI G, ZANESCO A, Antunes E. Relaxation evoked by propranolol in rat mesenteric bed. XII Congresso da Sociedade Brasileira de Hipertensão, 07 a 09 de Agosto de 2003, Natal. **Revista da Sociedade Brasileira de Hipertensão**, v.6 p.31.

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