

# DANIELA SAYURI INOUE YOSHIMURA

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## CURRENT POSITION

**Postdoctoral Research Associate**  
Texas A&M University

College Station, TX  
2023-present

## EDUCATION

**PhD, *Movement Science (Kinesiology)***

Sao Paulo State University – UNESP

Presidente Prudente, Brazil

- Dissertation: "Impact of high-intensity interval exercise on cognitive function, morphological and systemic immunometabolism changes of young people with obesity"

2015-2019

**MSc, *Nutrition***

Universidade Federal de Sao Paulo – UNIFESP

Sao Paulo, Brazil  
2008-2010

- Thesis: *Comparison of three types of physical training on the control of the anthropometric, metabolic and inflammatory profile of obese adolescents undergoing long-term interdisciplinary therapy*

**BSc, *Physical Education (Kinesiology)***

Faculdades Metropolitanas Unidas (FMU)

Sao Paulo, Brazil  
1999-2001

- Undergraduate Thesis: *Assessment of lower limb shape through the sit-to-stand test in elderly Asians*

## RESEARCH AND TEACHING INTERESTS

- Physical Exercise
- Low-grade chronic inflammation
- Cognitive function
- Limbic System
- Mental Health
- Public Health

## RESEARCH EXPERIENCE

**Department of Kinesiology, Texas A&M University**

*Postdoctoral Fellow*, Advisor: Mariana Janini Gomes

College Station  
2023-Present

The relationship between chronic inflammation and oxidative stress, and their contribution to skeletal muscle atrophy

- Contributed to experimental design, data collection and analysis of three models of skeletal muscle wasting
- Investigated mechanistic hypotheses about role of inflammation and oxidative stress in skeletal muscle atrophy
- Conducted *in-vitro* and *ex-vivo* experiments, cellular and molecular biology

techniques, histological analysis of skeletal muscle, RNA-sequencing

**Exercise and Sport Science and Charles Perkins Centre,** Sydney, Australia  
**The University of Sydney**

*Visiting Researcher*, Advisor: Kate M Edwards and Ollie Jay 2017-2018

Effects of heat intervention during physical exercise on BDNF response in pregnancy

- Conducted part the last phase of data collection of “Is heat dissipation enhanced during pregnancy” project, performing cardiometabolic and thermoregulation tests
- Correlated executive function (software Inquisit 5 version by Millisecond, USA) with serum BDNF concentration of pregnant women pre- and post-acute aerobic session under neutral and warm temperature

**Department of Movement Science, Sao Paulo State University (UNESP)** Presidente Prudente, Brazil

*PhD Graduate Researcher*, Advisor: Fabio Santos Lira UNESP, 2016

- Investigated immunometabolism responses of several exercise protocols (continuous, intermittent, concurrent and combined aerobic and resistant training)
- Idealized, developed and executed the funded doctoral project “Impact of high intensity interval exercise on cognitive function, morphological and systemic immunometabolism changes of young people with obesity”
- Developed and executed the funded project “BDNF involvement in the function of lymphocytes of sedentary and trained men with obesity: relationship with cognitive”

**Paulista Medicine School, Universidade Federal de Sao Paulo (UNIFESP)** Sao Paulo, Brazil

*MSc Graduate Researcher*, Advisor: Ana Raimunda Damaso 2008-2010

- Specialized in body composition, energy expenditure and cardiopulmonary assessment
- Investigated the combination of combined aerobic and resistance training in an interdisciplinary weight loss program for adolescents

## AWARDS, GRANTS AND FELLOWSHIPS

**1st European Psychoneuroimmunology Network (EPN) Autumn School:** Giessen, Germany  
**Lung-Brain Axis in Health and Disease, Castle Rauschholzhausen.** September 2022

Volkswagen Foundation

**Research Internship Abroad-Doctorate - Scholarship and Research Overhead** 2017-2018

**(Grant number: 17/03947-0)**

Sao Paulo Research Foundation, FAPESP

**Doctorate – Scholarship and Research Overhead (Grant number: 15/22402-9)** 2016-2019

Sao Paulo Research Foundation, FAPESP

**Doctorate – Scholarship** 2015-2016

Coordenacao de Aperfeicoamento de Pessoal de Nivel Superior (CAPES) –  
Brazilian Federal Agency for Support and Evaluation of Graduate Education

**Master - Scholarship** 2008-2010

Coordenacao de Aperfeicoamento de Pessoal de Nivel Superior (CAPES) –  
Brazilian Federal Agency for Support and Evaluation of Graduate Education

**Best Student Presenter.** 1st Brazilian Congress of Physical Education. Area Presidente Prudente, Brazil

## TEACHING EXPERIENCE

### Faculdade de Presidente Prudente (UniPrudente)

Presidente Prudente, Brazil

#### Undergraduate Teaching Assistant

2011-2014

- Human Anatomy
- Human Growth and Development
- Nutrition applied to Exercise
- Human Physiology
- Kinesiology and movement control

## STUDENT COMMITEES

### Undergraduate's Thesis, Chair

Presidente Prudente, Brazil

#### Faculdade de Presidente Prudente (UniPrudente)

- Gabriel Gomes Garcia – Physical Education classes and Childhood Obesity in School 2014  
2013
- Edilson Gleiton Zanardi – Aerobic Exercise as treatment of Systemic Arterial Hypertension in elderly 2013
- Carlos Augusto Oliveira Viana – Childhood Obesity: Contributions of Physical Education Classes 2013
- Sivaldo do Nascimento Silva Junior – Childhood Obesity and School Physical Education

### Undergraduate's Theses, Committee Member

#### Sao Paulo State University (UNESP)

- Lucas Hurbano Bomfim Moreno – Association between visceral fat and inflammatory markers after 6-weeks of aerobic training in men with obesity 2018  
2017
- Natasha de Lima Melo – Effects of high intensity-intermittent training associated with strength training on respiratory tract of healthy men 2015
- Renan Calderia Santos – Eight weeks of Concurrent training decrease leptin concentration independently of adipose tissue changes 2015
- Joao Paulo Santana Reis – ATP-peak supplementation anticipates hypotension effects of exhaustive strength exercise in healthy young men

#### Faculdade de Presidente Prudente (UniPrudente)

- Barbara Leonilda Fernandes – Bullying and Physical Education class 2013
- Fernando Lopes – Main factors which influences Childhood Obesity 2013

## RELATED PROFESSIONAL EXPERIENCE

### Guest Speaker - *“Interval Training and Molecular Mechanism Linked with the Cognition in Obese Population”*

6to Simposio Internacional de Tópicos Avanzados en Fisiología del Ejercicio.  
International Brain Research Organization - Universidad Autónoma de Baja  
Califórnia

Ensenada, Mexico

October 2022

### Guest Speaker - *“Cognitive function in individuals with obesity: impact of aerobic training”*

I Metting of Nutritional supplementation, performance and immune system.  
School of Physical Education and Sport - University of Sao Paulo (USP)

Sao Paulo, SP, Brazil

September 2019

## Guest Lecture

- *Nutrition and Sports Training*
- *Physical Education to Special Population*
- *Sports Training*

Presidente Prudente, SP, Brazil  
February 2023  
October 2022  
July 2022

Center for Continuing Higher Education (Grupo CESC)

## Guest Editor

2021

FRONTIERS IN NUTRITION

Research Topic: “Challenges for Obesity in the 21st Century:  
*Psychology, Nutrition, Modern Lifestyle Behavior and Neuroendocrine Responses*”

## Journal Peer Reviewer

Diabetology & Metabolic Syndrome 2015  
Mediators of Inflammation 2016  
Archives Physical Medicine and Rehabilitation 2023  
Cellular and Molecular Neurobiology 2023  
Obesity Review 2024

## CONFERENCE PRESENTATION

### *Oral presentation*

**Inoue, D.S.**; Monteiro, P. A.; Gerosa-Neto, J., Golim, M.; Rosa-Neto, J.C.; Lira, F.S. (2022) Increased MMP-9 gene expression did not reflect in BDNF higher translation after six-weeks of aerobic training in obese young men: 1st European Psychoneuroimmunology Network (EPN) Autumn School: Lung-Brain Axis in Health and Disease, Giessen, Germany.

Morano, A.E.V.A.; Lira, F.S. ; **Inoue, D.S.**; Gerosa-Neto, J; Monteiro, P.A. (2018). Moderate-intensity continuous training and high-intensity intermittent training alter the mood of men with obesity submitted to 6-weeks of intervention: VII Brazilian Congress of Metabolism, Nutrition and Exercise, Londrina, Brazil

**Inoue, D.S.**; Diniz, T.A.; Rossi, F.E.; Lira, F.S. (2015). Combined strength exercise and high intensity intermittent aerobic training improve lipid profile: effects of execution order: I Brazilian Conference of Physical (CONBREF): Physical Activity and Health, Sao Paulo, Brazil.

**Inoue, D.S.**; Panissa, V.L.G.; Monteiro, P.A.; Gerosa Neto, J.; Rossi, F.E.; Antunes, B.M.M.; Franchini, E.; Gobbo, L.A.; Lira, F.S. (2015). Acute strength loss induced by concurrent exercise is associated with alterations in metabolic, but not inflammatory response: IX International Conference of Physical Education and Human Motricity, Rio Claro, Brazil.

**Inoue, D.S.**; Mello, M T.; Foschini, D.; De Piano, A; Carnier, J.; Sanches, P.L.; Silva, P.L.; Toek, L.; Tufik, S.; Dâmaso, A. (2010). Concurrent training is more effective than aerobic training to control inflammatory process in obesity: XXXIII International Symposium of Sport Science, Sao Paulo, Brazil.

### *Poster Presentation*

Moreno, L. B. ; Lira, F. S. ; **Inoue, D.S.**; Gerosa-Neto, J; Santos, T.; Monteiro, P. A. (2018). Effects of Moderate-intensity continuous training and high-intensity intermittent training on plasma volume and hematocrit of obese men: VII Brazilian Congress of Metabolism, Nutrition and Exercise, Londrina, Brazil.

Monteiro, P.A.; **Inoue, D.S.** ; Gerosa-Neto, J ; Queiroz, P. A. ; Moreno, L. B. ; Morano, A. E. V. A. ; Figueiredo C ; Lira, F. S. (2018) Potencial papel do sono em modular a eficácia do treinamento intermitente de alta intensidade em sujeitos obesos: VII Brazilian Congress of Metabolism, Nutrition and Exercise, Londrina, Brazil.

**Inoue, D.S.**, Monterio, P.A., Gerosa-Neto, J.; Lira, F.S. (2017). TNF-alpha production in LPS- stimulated whole blood cultures in obese adults is decreased after 3-week of high-intensity intermittent training: 13th International Society for Exercise and Immunology (ISEI) Symposium, Coimbra, Portugal.

**Inoue, D.S.**; Panissa, V.L.G.; Antunes, B.M.M.; Oliveira, F.P.; Malta, R.B.; Caldeira, R.S.; Campos, E.Z.; Franchini, E.; Lira, F.S. (2016). Neuroendocrine regulation of energy balance and concurrent strength training: 3rd Eric A. Newshome – Metabolic Regulation Symposium, Sao Paulo, Brazil.

Santos, C.C ; Gerosa-Neto, J ; **Inoue, D.S.** ; Rossi, F. E. ; Cholewa, J. M. ; Campos, E. Z. ; Lira, F. S. (2015). Acute physiological responses to 5km running performed in an intermittent high-intensity versus continuous moderate-intensity manner: IX International Conference of Physical Education and Human Motricity, Rio Claro, Brazil.

Caldeira, R. S. ; **Inoue, D. S.**; Monteiro, P.; Gerosa, J.; Rossi, F.E.; Antunes, B.M..M.; Panissa, V.; Franchini, E.; Gobbo, L.A.; Lira, F.S. (2014) Decline in strength performance in concurrent exercise is associated with reduced blood glucose and triglyceridemia: XXXV Scientific Initiation Conference, Presidente Prudente, Brazil.

Correa, B. D. ; **Inoue, D. S.**; Monteiro, P. ; Gerosa, J. ; Rossi, F. E. ; Antunes, B. M. M. ; Panissa, V. ; Franchini, E. ; Gobbo, L. A. ; Lira, F. S. (2014). Maltodextrin supplementation does not improve strength performance in concurrent exercise: XXXV Scientific Initiation Conference, Presidente Prudente, Brazil.

Magro, M. ; **Inoue, D. S.** ; Monteiro, P. ; Gerosa, J. ; Rossi, Fabrício Eduardo ; Antunes, B. M. M. ; Panissa, V. ; Franchini, E. ; Gobbo, L. A. ; Lira, Fabio Santos. (2014) Ingestão de cafeína não melhora desempenho de força em exercício concorrente. XXXV Scientific Initiation Conference, Presidente Prudente, Brazil.

**Inoue, D. S.**; Silva, P.L; Foschini, D.; Martinz, A.C.; Sanches, P.L.; Carnier, J.; De Piano, A; Mello, M.T.; Tufik, S. ; Dâmaso, A. (2009). Comparação dos efeitos do treinamento aeróbio e do treinamento combinado sobre a taxa metabólica de repouso em adolescentes obesos: XIII Brazilian Conference of Obesity and Metabolic Syndrome, Salvador, Brazil.

Colantonio, E. ; Dâmaso, A ; Salles, F ; **Inoue, D. S.** ; Mello, M.T.D. ; Tufik, S. (2008). Comparison of Hydrodensitometry (HW), Dual X-Ray Absorptiometry and Air Displacement Plethysmography for assessing Body Composition of Obese Adolescents 15 to 18 years of Age: A preliminary Study.

### ***Poster accepted to presentation***

**Inoue, D.S.**; Pigg, Q.; Harris, D.; Janini Gomes, M. (2024). Endurance training did not mitigate transcriptional changes in muscle apelin induced by systemic inflammation in rats with cardiac cachexia: Annual Conference on Sarcopenia, Cachexia, and Wasting Disorders, Washington DC, December 2024

Harris, D.; Pigg, Q.; **Inoue, D.S.**; Janini Gomes, M. (2024).

Pigg, Q.; Harris, D.; **Inoue, D.S.**; Janini Gomes, M. (2024).

## **BOOD CHAPTERS**

**Inoue Yoshimura, D.**; Monteiro, P.A. (2023). Physical training programs for overweight and obese individuals. In: Lancha Junior, A.H.; Antunes, B.M.M.; Lira, F.S.; Rosa-Neto, J.C.; Santos, R.V.T. (eds), *Nutritional Supplementation, Exercise and the Immune System*. 1<sup>st</sup> edition. São Paulo: Editora dos Editores, p.159-175 (Brazilian Portuguese version)

**Inoue, D.S.**; Monteiro, P.A. (2015). Physical training programs for obese people. In: Antunes, B.M.M.; Lira, F.S.; Rosa-Neto, J.C (eds.). *Introduction to Immunometabolism applied to Physical Exercise and Nutrition*. 1ed.São Paulo: Weight Science, p.61-74 (Brazilian Portuguese version)

Dâmaso, A.; Martinz, A.C.; **Inoue, D.S.** (2009). Neuroendocrine control of energy balance. In: Dâmaso, A.R. (ed). Obesity. 2nd ed. Rio de Janeiro: Guanabara Koogan, p. 1-316. (Brazilian Portuguese version)

### **In Progress**

Lira, F.S.; Antunes, B.M.M.; **Inoue, D.S.** Adipose Tissue, Adipokines and Neuroinflammation. In: Malva, J.; Netto, C.A. (eds). “*Nutritional Neuroscience: from bench to bed side*”. Elsevier

## **PUBLICATIONS**

### **Peer-Reviewed Articles**

**Inoue, D.S.**; Janini Gomes, M. (2024). Integrative insights into PNI: Low-grade chronic inflammation, skeletal muscle wasting, and brain impairments. *Brain Behav Immun Health*. 40:100838. doi: 10.1016/j.bbih.2024.

Caranti, D.A.; **Inoue, D.S.**; Lira, F.S. (2022). Editorial: Challenges for Obesity in the 21st Century: Psychology, Nutrition, Modern Lifestyle Behavior and Neuroendocrine Responses. *Front Nutr*. 9:887272. doi: 10.3389/fnut.2022.887272.

Smallcombe, J.W.; Puhenthirar, A.; Casasola, W.; **Inoue, D.S.**; Chaseling, G.K.; Ravanelli, N.; Edwards, K.M.; Jay, O. (2021). Thermoregulation During Pregnancy: a Controlled Trial Investigating the Risk of Maternal Hyperthermia During Exercise in the Heat. *Sports Med*. 51(12):2655-2664. doi: 10.1007/s40279-021-01504-y.

**Inoue, D.S.**; Bin Maideen, M.F.; Jiménez-Maldonado, A.; Lira, F.S. (2021). Role of Neuronal Guidance Cues in the Pathophysiology of Obesity: A Peripheral and Central Overview. *Curr Pharm Des*. ;27(21):2512-2521. doi: 10.2174/1381612824666210316094659.

Gerosa-Neto, J.; Monteiro, P.A.; **Inoue, D.S.**; Antunes, B.M.; Batatinha, H.; Dorneles, G.P.; Peres, A.; Rosa-Neto, J.C.; Lira, F.S. (2020). High- and moderate-intensity training modify LPS-induced ex-vivo interleukin-10 production in obese men in response to an acute exercise bout. *Cytokine*. 136:155249. doi: 10.1016/j.cyto.2020.155249.

**Inoue, D.S.**; Monteiro, P.A.; Gerosa-Neto, J.; Santana, P.R.; Peres, F.P. Edwards, K.M.; Lira, F.S. (2020). Acute increases in brain-derived neurotrophic factor following high or moderate-intensity exercise is accompanied with better cognition performance in obese adults. *Sci Rep*. 10(1):13493. doi: 10.1038/s41598-020-70326-1. PMID: 32778721.

**Inoue, D.S.**; Antunes, B.M.; Maideen, M.F.B.; Lira, F.S. (2020). Pathophysiological Features of Obesity and its Impact on Cognition: Exercise Training as a Non-Pharmacological Approach. *Curr Pharm Des*. 26(9):916-931. doi: 10.2174/1381612826666200114102524.

Rocha, A.P.R.; Lira, F.S.; Bueno, D.R.; **Inoue, D.S.**; Queiroz, D.C.; Codogno, J.S. (2020). Relationship between Health Costs and Inflammatory Profile in Public Health. *Curr Pharm Des*. 25(43):4622-4629. doi: 10.2174/1381612825666191106155903.

Gerosa-Neto, J., Panissa, V.L.G., Monteiro, P.A.; **Inoue, D.S.**; Ribeiro, J.P.J.; Figueiredo, C.; Zagatto, A.M.; Little, J.P.; Lira; F.S. (2019). High- or moderate-intensity training promotes change in cardiorespiratory fitness, but not visceral fat, in obese men: A randomised trial of equal energy expenditure exercise. *Respir Physiol Neurobiol*. 266:150-155. doi: 10.1016/j.resp.2019.05.009.

Caldeira, R.S.; Panissa, V.L.G.; **Inoue, D.S.**; Campos, E.Z.; Monteiro, P.A.; Giglio, B.M.; Pimentel, G.D.; Hofmann, P.; Lira, F.S. (2018). Impact to short-term high intensity intermittent training on different storages of body fat, leptin and soluble leptin receptor levels in physically active non-obese men: A pilot investigation. *Clin Nutr ESPEN*. 28:186-192. doi: 10.1016/j.clnesp.2018.08.005.

Lira, F.S.; Dos Santos, T.; Caldeira, R.S.; **Inoue, D.S.**; Panissa, V.L.G.; Cabral-Santos, C.; Campos, E.Z.; Rodrigues, B.; Monteiro, P.A. (2017). Short-Term High- and Moderate-Intensity Training Modifies Inflammatory and Metabolic Factors in Response to Acute Exercise. *Front Physiol.* 8:856. doi: 10.3389/fphys.2017.00856. PMID: 29163201.

**Inoue, D.S.**; Panissa, V.L.; Antunes, B.M.; Oliveira, F.P.; Malta, R.B.; Caldeira, R.S.; Campos, E.Z.; Pimentel, G.D.; Franchini, E.; Lira, F.S. (2018). Reduced leptin level is independent of fat mass changes and hunger scores from high-intensity intermittent plus strength training. *J Sports Med Phys Fitness.* 58(7-8):1045-1051. doi: 10.23736/S0022-4707.17.07370-4.

Cabral-Santos, C.; Gerosa-Neto, J.; **Inoue, D.S.**; Rossi, F.E.; Cholewa, J.M.; Campos, E.Z.; Panissa, V.L.G.; Lira, F.S. (2017). Physiological Acute Response to High-Intensity Intermittent and Moderate-Intensity Continuous 5 km Running Performance: Implications for Training Prescription. *J Hum Kinet.* 56:127-137. doi: 10.1515/hukin-2017-0030.

Rossi, F.E.; Diniz, T.A.; Neves, L.M.; Fortaleza, A.C.S.; Gerosa-Neto, J.; **Inoue, D.S.**; Buonani, C.; Cholewa, J.M.; Lira, F.S.; Freitas, I.F.Jr. (2017). The beneficial effects of aerobic and concurrent training on metabolic profile and body composition after detraining: a 1-year follow-up in postmenopausal women. *Eur J Clin Nutr.* 71(5):638-645. doi: 10.1038/ejcn.2016.263.

Antunes, B.M.M.; Rossi, F.E.; **Inoue, D.S.**; Rosa Neto, J.C.; Lira, F.S. (2017). Imunometabolismo e Exercício Físico: Uma nova fronteira do conhecimento. *Motricidade*, v. 13, p. 85-98.

Santos, C.C.; Diniz, T.A.; **Inoue, D.S.**; Gerosa-Neto, J.; Panissa, V.L.; Pimentel, G.D.; Campos, E.Z.; Hofmann, P.; Lira, F.S. (2016). Influence to high-intensity intermittent and moderate-intensity continuous exercise on indices of cardio-inflammatory health in men. *J Exerc Rehabil.* 12(6):618-623. doi: 10.12965/jer.1632780.390.

Silveira, L.S.; **Inoue, D.S.**; Rodrigues da Silva, J.M.; Cayres, S.U.; Christofaro, D.G.D. (2016). High Blood Pressure Combined with Sedentary Behavior in Young People: A Systematic Review. *Curr Hypertens Rev.* 12(3):215-221. doi: 10.2174/1573402112666161230120855..

Cabral-Santos, C.; Castrillón, C.I.; Miranda, R.A.; Monteiro, P.A.; **Inoue, D.S.**; Campos, E.Z.; Hofmann, P.; Lira, F.S. (2016). Inflammatory Cytokines and BDNF Response to High-Intensity Intermittent Exercise: Effect the Exercise Volume. *Front Physiol.* 7:509. doi: 10.3389/fphys.2016.00509. Erratum in: *Front Physiol.* 2017 Jan 04;7:662. doi: 10.3389/fphys.2016.00662.

Cabral-Santos, C.; Gerosa-Neto, J.; **Inoue, D.S.**; Panissa, V.L.; Gobbo, L.A.; Zagatto, A.M.; Campos, E.Z.; Lira, F.S. (2015). Similar Anti-Inflammatory Acute Responses from Moderate-Intensity Continuous and High-Intensity Intermittent Exercise. *J Sports Sci Med.* 14(4):849-56.

**Inoue, D.S.**; Panissa, V.L.; Monteiro, P.A.; Gerosa-Neto, J.; Rossi, F.E.; Antunes, B.M.; Franchini, E.; Cholewa, J.M.; Gobbo, L.A.; Lira, F.S. (2016). Immunometabolic Responses to Concurrent Training: The Effects of Exercise Order in Recreational Weightlifters. *J Strength Cond Res.* 30(7):1960-7. doi: 10.1519/JSC.0000000000001281.

**Inoue, D.S.**; De Mello, M.T.; Foschini, D.; Lira, F.S.; De Piano Ganen, A.; Da Silveira Campos, R.M.; De Lima Sanches, P.; Silva, P.L.; Corgosinho, F.C.; Rossi, F.E.; Tufik.; Dâmaso, A.R. (2015). Linear and undulating periodized strength plus aerobic training promote similar benefits and lead to improvement of insulin resistance on obese adolescents. *J Diabetes Complications.* 29(2):258-64. doi: 10.1016/j.jdiacomp.2014.11.002.

Leão da Silva, P.; de Mello, M.T.; Cheik, N.C.; Sanches, P.L.; Munhoz da Silveira Campos, R.; Carnier, J.; **Inoue, D.**; do Nascimento, C.M.; Oyama, L.M.; Tock, L.; Tufik, S.; Dâmaso, A.R. (2012). Reduction in the leptin concentration as a predictor of improvement in lung function in obese adolescents. *Obes Facts.* 5(6):806-20. doi: 10.1159/000345840.

da Silva, P.L.; de Mello, M.T.; Cheik, N.C.; Sanches, P.L.; Piano, A.; Corgosinho, F.C.; Campos, R.M.; Carnier, J.; **Inoue, D.**; do Nascimento, C.M.; Oyama, L.M.; Tock, L.; Tufik, S.; Dâmaso, A.R. (2012). The role of pro-inflammatory and anti-inflammatory adipokines on exercise-induced bronchospasm in obese adolescents undergoing treatment. *Respir Care*. 57(4):572-82. doi: 10.4187/respcare.01307.

### **Abstracts**

Garcia, A.; Harris, D.; Pigg, Q.; **Inoue, D.S.**; Janini Gomes, M. (2024). Effects of Endurance Training on Skeletal Muscle Mass and Inflammation in a Rat Model of Heart Failure: TACSM Congress, Waco, Texas, EUA. *International Journal of Exercise Science*, 2024. v. 2. Iss. 16.

Pigg, Q.; Harris, D.; Garcia, A.; **Inoue, D.S.**; Janini Gomes, M. (2024). Systemic Inflammation Persists in Rats with Heart Failure after a Short-Term Endurance Training Protocol: TACSM Congress, Waco, Texas, EUA. *International Journal of Exercise Science*, 2024. v. 2. Iss. 16.

Harris, D.; Kendra, J.; Pigg, Q.; Golpasandi, S.; Garcia, A.; **Inoue-Yoshimura, D.**; Morton, A.; Janini Gomes, M. (2024). Maximal Isometric Contraction in Skeletal Muscle of Endurance Trained Rats with Heart Failure: TACSM Congress, Waco, Texas, EUA. *International Journal of Exercise Science*, 2024. v. 2. Iss. 16.

Tonon, C.R.; Polegato, B.F.; Pigg, Q.; Harris, D.; Garcia, A.; **Inoue, D.S.**; Gomes, M.J. (2024). Effects of Continuous Aerobic Exercise on Skeletal Muscle Atrophy Induced by Heart Failure: TACSM Congress, Waco, Texas, EUA. *International Journal of Exercise Science*, 2024. v. 2. Iss. 16.

**Inoue, D.S.**, Monteiro, P.A.; Gerosa-Neto, J., Golim, M.; Rosa-Neto, J.C.; Lira, F.S. (2022). Increased MMP-9 gene expression did not reflect in BDNF higher translation after six-weeks of aerobic training in obese young men: 1<sup>st</sup> European Psychoneuroimmunology Network (EPN) Autumn School: Lung-Brain Axis in Health and Disease: Abstracts. *Basel: Karger*, 2022. v. 29. p. 9-34.

Morano, A.E.V.A.; Monteiro, P.A.; **Inoue, D.S.**; Gerosa-Neto, J.; Lira, F.S. (2017). High-Intensity Intermittent Training Reduces Visceral Fat and the Prevalence of Hepatic Steatosis in Obese Men: *ENEPE*, Presidente Prudente, Brazil

Campos, R.M.S.; Lazaretti-Castro, M; Tock, L.; Mello, M.T.; Silva, P.L.; Corgosinho, F.C.; De Piano, A; Carnier, J.; Sanches, P.L.; **Inoue, D.S.**; Corrêa, F.A; Tufik, S.; Dâmaso, A. (2011). 2o International Congress on Abdominal Obesity, Buenos Aires, Argentina. *CMR Journal*, v.4. p.107

Silva, P.L.; Cheik, N.; Sanches, P.L.; Corrêa, F.A; **Inoue, D.S.**; Campos, R.M.S.; Corgosinho, F.C.; Carnier, J.; Tock, L.; Tufik, S.; Dâmaso, A. (2011). Improvement In Lung Function Was Associated With A Reduction In Visceral And Subcutaneous Fat And Increase In Adiponectin: XIV Brazilian Conference of Obesity and Metabolic Syndrome. *Arquivos Brasileiros de Endocrinologia*, Sao Paulo, v.55. p.S35 - S103

Silva, P.L.; Cheik, N.; Mello, M.T.; Sanches, P.L.; De Piano, A; Carnier, J.; Masquio, D.C.L.; Corgosinho, F.C.; Campos, R. M. S.; **Inoue, D.S.**; Oller Do Nascimento, C. M.; Oyama, L. M.; Tock, L.; Tufik, S.; Dâmaso, A (2011). The Role of Adipokines in Exercise-Induced Bronchospasm in Obese Adolescents Undergoing Interdisciplinary Treatment: XIV Brazilian Conference of Obesity and Metabolic Syndrome, *Arquivos Brasileiros de Endocrinologia*, Sao Paulo, v.55. p.S35 - S103

**Inoue, D.S.**; Mello, M T.; Foschini, D.; De Piano, A; Carnier, J.; Sanches, P.L.; Silva, P.L.; Tock, L.; Tufik, S.; Dâmaso, A. (2010). Concurrent training is more effective than aerobic training to control inflammatory process in obesity: XXXIII International Symposium of Sport Science, São Paulo, Brazil. Boas Práticas na Atividade Física e no Esporte. São Caetano do Sul: *Celafiscs*, v.18. p.1 – 351

Dâmaso, A; Mello, M.T.; Carnier, J.; De Piano, A; Foschini, D.; Martinz, A.C.; **Inoue, D.S.**; Tufik, S. (2009). Comparison of the effects of aerobic training and combined training on resting metabolic rate in obese



adolescents: XIII Brazilian Conference of Obesity and Metabolic Syndrome, *Brazilian Society of Endocrinology and Metabology*, v.53. p.S477 - S697