

Short Curriculum Vitae – Felipe Marticorena, PhD(c)

Faculty of Medicine - University of Sao Paulo, Brazil

marticorena@usp.br

Portuguese | English | Spanish

[Scholar Google](#) | [Orcid](#) | [ResearchGate](#) | [LinkedIn](#)

Qualifications and research history

2022 - present (expected to finish in 2027): PhD in Science of the Musculoskeletal System at Faculty of Medicine (USP). Thesis: Placebo effect on sport and cognitive performance after conditioning to caffeine supplementation. *Funded by FAPESP (2021/05847-8).*

2025: Research internship abroad at Canterbury Christ Church University. Thesis: The impact of altitude expectation on runners' performance: A balanced placebo design study *Funded by FAPESP (2024/14530-6).*

2023 - 2025: MBA in Data Science & Analytics at ESALQ (USP). Thesis: Ordinal logistic regression to assess determinants of golf players' performance.

2022: Summer Studentship Scheme hosted by Edge Hill University (UK). Thesis: Physiological responses to sodium bicarbonate supplementation in hypoxia and normoxia. *Grant by The Physiological Society.*

2022: Complimentary research during pandemic at Faculty of Medicine (USP). Thesis: Cloth masks are safe and tolerable during exercise for adults, healthy children, and children with overweight or obesity.

2017 - 2021: BSc in Nutrition at São Camilo University Center.

2019 - 2021: Scientific Initiation/Undergraduate Research at Faculty of Medicine (USP). Thesis: Influence of MCT1 polymorphism on performance and blood responses during a 1-km cycling time trial test in recreational athletes. *Funded by FAPESP (2019/20614-0).*

2018 - 2019: Scientific Initiation/Undergraduate Research at School of Public Health (USP). Thesis: Chemical composition and evaluation of the antioxidant activity of various commercial forms of guarana (*Paullinia cupana*) produced in different regions of Brazil. *Funded by PIBIC.*

Selected Award

2022: Young Investigator Award. Awarded by Gatorade Sports Science Institute at American College of Sports Medicine annual meeting (USA).

Selected publications

Marticorena, F. M., Carvalho, A., De Oliveira, L. F., Dolan, E., Gualano, B., Swinton, P., & Saunders, B. (2021). Nonplacebo controls to determine the magnitude of ergogenic interventions: a systematic review and meta-analysis. *Medicine and science in sports and exercise*, 53(8).

Marticorena, F. M., Barreto, G. C., Guardieiro, N. M., Esteves, G. P., Oliveira, T. N., de Oliveira, L. F., ... & Gualano, B. (2023). Performing moderate to severe activity is safe and tolerable for healthy youth while wearing a cloth facemask. *Plos one*, 18(3), e0282475.

Perim, P., **Marticorena, F. M.,** Ribeiro, F., Barreto, G., Gobbi, N., Kerkick, C., ... & Saunders, B. (2019). Can the skeletal muscle carnosine response to beta-alanine supplementation be optimized? *Frontiers in nutrition*, 6, 135.

Barreto, G., Esteves, G. P., **Martcorena, F.**, Oliveira, T. N., Grgic, J., & Saunders, B. (2023). Caffeine, CYP1A2 Genotype and Exercise Performance: A Systematic Review and Meta-analysis. *Medicine and Science in Sports and Exercise*, 56(2):328-339.

Carvalho, A., **Martcorena, F. M.**, Grecco, B. H., Barreto, G., & Saunders, B. (2022). Can I have my coffee and drink it? A systematic review and meta-analysis to determine whether habitual caffeine consumption affects the ergogenic effect of caffeine. *Sports Medicine*, 52(9), 2209-2220.

Book chapters

Saunders, B., **Martcorena, F.**, Hurst, P. and Gough, L. (in press) Laboratory and field-based data collection (Quantitative). in: Dolan, E. and Steele, E. (ed.) *Research Methods in Sport and Exercise Science*. The Society for Transparency, Openness and Replication in Kinesiology.

Saunders, B., Costa, L. R., Souza, R. A. S., Barreto, G., & **Martcorena, F. M.** (2023). Caffeine and sport. *Advances in Food and Nutrition Research*, 103, 1-33.

Saunders, B., **Martcorena, F. M.**, & Gualano, B. (2023). Do you have to lie to induce placebo effects? *Placebo Effects in Sport and Exercise*, 133-143.

Posters or oral presentations at international conferences

2024 ACSM Annual meeting

Martcorena, F. M., Esteves, G.P., Nunez, T.O., Koza, I., Souza, L. K. F., & Saunders, B. (2024). Reliability Of a Cognitive Test Battery Pre and Post Maximal Cycling Exercise. *Medicine & Science in Sports & Exercise*.

Souza, L. K. F., Oliveira, T. N., Barreto, G., Souza, R. A. S., **Martcorena, F. M.**, Duarte, B., García, A. T., Canestri, R., Bueno, S., Custodias, G. B., Silva, S. F., Abreu, W. C., Saunders, B. (2024). Effect Of Sodium Bicarbonate Supplementation on The Jiu-jitsu Anaerobic Performance Test in Brazilian Jiu-jitsu Fighters.

2023 ACSM Annual meeting

Barreto, G., Esteves, G., **Martcorena, F. M.**, Nunez, T., Grgic, J., & Saunders, B. (2023). Caffeine And CYP1A2 In Sports: A Systematic Review and Meta-analysis. *Medicine & Science in Sports & Exercise*

2022 ACSM Annual meeting

Martcorena, F. M., Carvalho, A., Grecco, B. H., Barreto, G., & Saunders, B. (2022). No Influence of Habitual Caffeine Consumption on Its Ergogenic Effects: A Systematic Review and Meta-analysis. *Medicine & Science in Sports & Exercise*.

2021 ACSM Annual meeting

Martcorena, F. M., Carvalho, A., Grecco, B. H., Barreto, G., & Saunders, B. (2022). Non-placebo Controls to Determine the Magnitude of Ergogenic Interventions: A Systematic Review and Meta-analysis. *Medicine & Science in Sports & Exercise*.

3rd International Conference of the Society for Interdisciplinary Placebo Studies

Martcorena, F. M., Carvalho, A., Grecco, B. H., Barreto, G., & Saunders, B. (2022). Placebo effects in nutritional supplementation trials involving buffering and caffeine supplements are moderated by ingestion form: A systematic review and meta-analysis.