



Alessandro Fornasiero

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WORK EXPERIENCE

Sport and Exercise Scientist [06/2014 – Current]

CeRiSM; Sport, Mountain and Health Research Centre; University of Verona, Rovereto, Italy

- Research Scholar (06/2014-10/2021)

- PhD Student (10/2017-07/2021)

- Postdoctoral Researcher (12/2021-current)

- Research in Exercise Physiology and Sports Sciences
- Performance testing (running, cycling, cross-country skiing, ski-mountaineering)
- Performance testing and evaluation of youth national-level athletes: 'Talenti2020' a project for talent development and optimization (2014-2019)
- Functional capacity evaluation in highly obese people (2014-2016)
- Functional capacity evaluation in elderly people (2014-2016)

University teaching assistant [10/2017 – 02/2020]

Department of Neurosciences, Biomedicine and Movement Sciences, University of Verona, Italy

- "*Planning and coaching of training for physical preparation*", 40 hours, 2019/2020, Master's degree in Prevented and Adapted Physical Activity
- "*Planning and coaching of training for physical preparation*", 30 hours, 2018/2019, Master's degree in Sport Science
- "*Exercise and training programs for mountain sports*", 30 hours, 2018/2019, Master's degree in Sport Science: Mountain Sports, Rovereto
- "*Planning and coaching of training for physical preparation*", 30 hours, 2017/2018, Master's degree in Sport Science

Personal Trainer and Group exercise instructor [10/2011 – 06/2015]

Trim Fitness Club, Trento, Italy

Adapted physical activity Instructor in day-care facilities for elderly people [12/2013 – 10/2014]

AM.IC.A Soc. Coop. Sociale, Pergine Valsugana (TN), Italy

Fitness Trainer for UNI.Fit project (University Internship) [11/2013 – 03/2014]

Trento University Sports Centre, Trento (TN), Italy

Strength and Conditioning coach (University Internship) [10/2011 – 02/2012]

A.C. Trento (football club), Trento (TN), Italy

Physical education (PE) teacher (University Internship) [01/2010 – 04/2010]

Fincato Rosani Middle School, Verona, Italy

EDUCATION

- **II Level Master in Preclinical and Clinical Research** [11/2020-12/2021]
Department of Medicine and Surgery, University of Parma, Parma, Italy, Grade: 110/110
- **PhD in Neuroscience, Psychological and Psychiatric Sciences, and Movement Sciences** [10/2017-07/2021]
PhD School of Life and Health Sciences, University of Verona, Verona, Italy
Doctoral Thesis: “*Acute and post-exercise physiological responses to different hypoxic exercises*”
- **Research Internship - Cardiovascular Health Sciences Research Group** [01/2019 – 06/2019]
Research Institute for Sport and Exercise Sciences, RISES, Liverpool John Moores University, Liverpool, United Kingdom
- **Master’s degree in Science of Sport and Physical Performance** [10/2012 – 04/2015]
University of Verona, Verona, Italy, Grade: 110/110 with Honors
- **Bachelor’s degree in Exercise and Sports Sciences** [10/2008 – 03/2012]
University of Verona, Verona, Italy, Grade: 97/110

Training Courses:

- *Matlab*, June-July 2020; PhD School of Life and Health Sciences; University of Verona
- *Epidemiological Methods*; May 2020; PhD School of Life and Health Sciences; University of Verona
- *Open Data and Data Management*, May 2020; PhD School of Life and Health Sciences; University of Verona
- *Matlab Programming: application to biomedical signal and image processing*, September-October 2018; PhD School of Life and Health Sciences; University of Verona
- *Statistical software STATA*: September-October 2018; PhD School of Life and Health Sciences; University of Verona
- *Generalized linear models and multi-level models*, September 2018, PhD School, University of Verona
- *Grant writing and European proposals*; May 2018; PhD School of Life and Health Sciences; University of Verona

JOB-RELATED SKILLS

- Cardiopulmonary Exercise Testing
- Anaerobic exercise tests, strength and power assessment
- Body composition assessment
- Heart Rate Variability and Baroreflex Sensitivity assessment
- Vascular Ultrasound and Transcranial Doppler
- Pulmonary Function Testing
- Near Infrared Spectroscopy
- Data Analysis/Statistical Analysis/Scientific Writing

DIGITAL SKILLS

- Matlab
- SPSS, Jamovi, GraphPad

LANGUAGE SKILLS

- Italian
- English

PUBLICATIONS

1. Zignoli A., **Fornasiero A.**, Gilli F., Pellegrini B., Schena F. (2023) How the Oxynet web applications are used to crowdsource and interpret cardiopulmonary exercising tests data; *Biomedical Signal Processing and Control*.
2. **Fornasiero A.**, Savoldelli A., Zignoli A., Callovini A., Decet M., Bortolan L., Schena F., Pellegrini B. (2023). Eager to set a record in a vertical race? Test your VO_{2max} first! *Journal of Sports Sciences*, 1-8.
3. **Fornasiero A.**, Callovini A., Fornoni S., Savoldelli A., Schena F., Holmberg H., Bortolan L.; (2023) Participation and performance by women and men in ski-mountaineering sprint races during the past decade. *The Journal of Sports Medicine and Physical Fitness*
4. **Fornasiero A.**, Zignoli A., Pellegrini B., Schena F., Doucende G., Mourot L. (2023). The effects of a 6-h ultra-endurance run on post-exercise parasympathetic reactivation responses. *The Journal of Sports Medicine and Physical Fitness*
5. Modena R., Impellizzeri F.M., **Fornasiero A.**, Schena F. (2022); Effects of Low vs Moderate Dose of Recreational Football on Cardiovascular Risk Factors; *European Journal of Sport Science*.
6. Modena R., **Fornasiero A.**, Callovini A., Savoldelli A., Pellegrini B., Schena F., Bortolan L., Exercising at the time of the COVID-19 pandemic: acute physiological, perceptual and performance responses of wearing face masks during sports activity (2021); *The Journal of Sports Medicine and Physical Fitness*;
7. Zignoli A., Biral F., **Fornasiero A.**, Sanders D., Mateo-March M., Fontana F., Artuso P., Menaspà P., Quod M., Giorgi A., Laursen P. B. (2021); Assessment of bike handling during cycling individual time trials with a novel analytical technique adapted from motorcycle racing; *European Journal of Sport Science*;
8. Kleinnibbelink G., Van Dijk A. P.J., **Fornasiero A.**, Speretta G...Oxborough D (2021). 12-week Hypoxic Exercise Training Leads to Right Ventricular Remodelling, which is Related to Acute Exercise-Induced Cardiac Responses, *Journal of Applied Physiology*
9. A. Callovini, **A. Fornasiero**, A. Savoldelli, F. Stella, D.A. Low, B Pellegrini, F. Schena, L. Bortolan (2021); Effects of three-exercise sessions in the heat on endurance cycling performance; *Journal of Thermal Biology*;
10. **Fornasiero A.**, Zignoli A, Rakobowchuk M., Stella F., Skafidas S., Savoldelli A., Pellegrini B., Schena F., Mourot L. (2021); Post-exercise cardiac autonomic and cardiovascular responses to heart rate matched and work rate matched hypoxic exercise; *European Journal of Applied Physiology*;
11. Speretta G., **Fornasiero A.**, Johns J., Hopkins N., Thijssen D., Low D.; Effects of breaking up deskwork with physical activity accompanied with tea consumption on cerebrovascular function, mood, and affect (2021); *International Journal of Cardiovascular Sciences*;
12. Zignoli A., **Fornasiero A.**, Rota P., Muollo V., Tartaruga L., Low D., Fontana F., Besson, Pühringer, Ring-Dimitriou, Mourot L. (2021); Oxynet: a collective intelligence that detects ventilatory thresholds in cardiopulmonary exercise tests; *European Journal of Sport Science*;
13. **A. Fornasiero**, A. Savoldelli, F. Stella, A. Callovini, L. Bortolan, A. Zignoli, D. A. Low, L. Mourot, F. Schena, B. Pellegrini (2020); Letter to the Editor: Authors' response to letter to the editor by Chaen and Trapellieni: Frequent stop-start to lower heart rate during uphill walking? *High Altitude Medicine & Biology*;
14. Kleinnibbelink G, Van Dijk A., **Fornasiero A.** , Speretta G., Johnson C., Hopman M., Sculthorpe N., George K., Somauroo J. , Thijssen D., Oxborough D. (2020); Exercise-induced right-sided cardiac fatigue after a 45-minute bout of high-intensity running exercise is not altered under hypoxia; *Journal of the American Society of Echocardiography*.
15. Kleinnibbelink, G., Stens, N. A., **Fornasiero, A.**, Speretta, G. F., Van Dijk, A. P., Low, D. A., Oxborough, D., Thijssen, D. H. (2020). The acute and chronic effects of high-intensity exercise

in hypoxia on blood pressure and post-exercise hypotension: A randomized cross-over trial. *Medicine*, 99(39), e22411.

16. L. Mourot, **A. Fornasiero**, M. Rakobowchuk, L. Isacco, A. Brighenti, F. Stella, A. Zignoli, B. Pellegrini, C. Tarperi, F. Schena, Post-exercise hypotension and reduced cardiac baroreflex after half-marathon run: in men, but not in women (2020); *International Journal of Environmental Research and Public Health*;
17. Zoppirolli C., Modena R., **Fornasiero A.**, Bortolan L., Skafidas S., Savoldelli A., Schena F., Pellegrini B.; Talent development and selection in young cross-country skiers: longitudinal analysis of anthropometric and physiological characteristics (2020); *Frontiers in Sports and Active Living*;
18. **A. Fornasiero**, A. Savoldelli, F. Stella, A. Callovini, L. Bortolan, A. Zignoli, D. A. Low, L. Mourot, F. Schena, B. Pellegrini (2020); Shortening work-rest durations reduces physiological and perceptual load during uphill walking in simulated cold high-altitude conditions, *High Altitude Medicine & Biology*;
19. A. Zignoli, **A. Fornasiero**, M.Ragni, B.Pellegrini, F. Schena, F.Biral, Paul B. Laursen (2020); Estimating an individual's oxygen uptake during cycling exercise with a recurrent neural network trained from easy-to-obtain inputs: a pilot study, *Plos One*; 15(3), e0229466.
20. L. Mourot, **A. Fornasiero**, M. Rakobowchuk, S. Skafidas, A. Brighenti, F. Stella, A. Zignoli, A. Savoldelli, B. Pellegrini, E. Danese, G. Lippi, C. Tarperi, F. Schena (2019), Similar cardiovascular and autonomic responses in trained type 1 diabetes mellitus and healthy participants in response to half marathon, *Diabetes Research and Clinical Practice*; 107995;
21. **A. Fornasiero**, S. Skafidas, F. Stella, A. Zignoli, A. Savoldelli, M. Rakobowchuk, B. Pellegrini, F. Schena, L. Mourot (2019); Cardiac autonomic and physiological responses to moderate-intensity exercise in hypoxia. *International Journal of Sports Medicine*; 40(14), 886-896.
22. A. Zignoli, **A. Fornasiero**, E.Bertolazzi, B.Pellegrini, F.Schena, F. Biral & P. B. Laursen (2019); State-of-the art concepts and future directions in modelling oxygen consumption and lactate concentration in cycling exercise, *Sport Sciences for Health*;
23. A. Zignoli, **A. Fornasiero**, F. Stella, B.Pellegrini, F.Schena, F. Biral & P. B. Laursen (2019); Expert-level classification of ventilatory thresholds from cardiopulmonary exercising test data with recurrent neural networks, *European Journal of Sport Science*; 1-9;
24. **Fornasiero A.**, Savoldelli A., Skafidas S., Stella F., Bortolan L., Boccia G., Zignoli A., Schena F., Mourot L., Pellegrini B. (2018). Delayed parasympathetic reactivation and sympathetic withdrawal following maximal cardiopulmonary exercise testing (CPET) in hypoxia. *European Journal of Applied Physiology*, 1-13
25. **Fornasiero, A.**, Savoldelli, A., Fruet, D., Boccia, G., Pellegrini, B., & Schena, F. (2018). Physiological intensity profile, exercise load and performance predictors of a 65-km mountain ultra-marathon. *Journal of Sports Sciences*, 36(11), pp. 1287-1295
26. **Fornasiero, A.**, Savoldelli, A., Modena, R., Boccia, G., Pellegrini, B., & Schena, F. (2018). Physiological and anthropometric characteristics of top-level youth cross-country cyclists. *Journal of Sports Sciences*, 36(8), 901-906.
27. **Fornasiero A.**, Savoldelli A., Boccia G., Zignoli A., Bortolan L., Schena F., Pellegrini B. (2018) Physiological factors associated with ski-mountaineering vertical race performance. *Sport Sciences for Health*. 14(1), 97-104.
28. Savoldelli, A., **Fornasiero, A.**, Trabucchi, P., Limonta, E., La Torre, A., Degache, F., Pellegrini, B., Millet, G.P., Vernillo, G. & Schena, F. (2017). The energetics during the world's most challenging Mountain Ultra-Marathon-a case study at the Tor des Geants®. *Frontiers in physiology*, 8, 1003
29. Boccia, G., **Fornasiero, A.**, Savoldelli, A., Bortolan, L., Rainoldi, A., Schena, F., & Pellegrini, B. (2016). Oxygen consumption and muscle fatigue induced by whole-body electromyostimulation compared to equal-duration body weight circuit training. *Sport Sciences for Health*, 1-10.

30. Vernillo, G., Savoldelli, A., Zignoli, A., Skafidas, S., **Fornasiero, A.**, La Torre, A., Bortolan, L., Pellegrini, B. & Schena, F. (2015). Energy cost and kinematics of level, uphill and downhill running: fatigue-induced changes after a mountain ultramarathon. *Journal of sports sciences*, 1-8.

International Congresses:

- **Fornasiero A.**, Fornoni S., Todesco B., Callovini A., Todesco B., Savoldelli A., Holmberg H., Pellegrini B., Bortolan L.; Determinants of ski-mountaineering sprint performance; 9th International Congress on Science and Skiing, ICSS (Saalbach-Hinterglemm, Austria, 2023) (oral presentation)
- **Fornasiero A.** Post-exercise cardiac autonomic and cardiovascular responses to heart rate matched and work rate matched hypoxic exercises; Catarinense Symposium of Cardiovascular Physiology (2020) (virtual event) (oral presentation)
- **Fornasiero A.** Cardiac autonomic and physiological responses to hypoxic exercise of different intensities; 8th International Congress Mountain, Sport, & Health (Rovereto, Italy, 2019) (oral presentation)
- **Fornasiero A.**, Savoldelli A., Skafidas S., Stella F., Bortolan L., Boccia G., Zignoli A., Schena F., Mourot L., Pellegrini B.; Effects of acute hypoxia on cardiac autonomic modulation following maximal cardiopulmonary exercise testing; 23rd annual Congress of the European College of Sport Science (ECSS Dublin, Ireland, 2018) (oral presentation)
- **Fornasiero A.**, Savoldelli A., Modena R., Pellegrini B., Schena F.; Physiology of a female junior world cross-country cycling champion: from youth categories to junior success; European College of Sport Science (ECSS Vienna, Austria, 2016) (poster)
- **Fornasiero A.**, Savoldelli A., Modena R., Pellegrini B., Schena F.; Physiological and anthropometric characteristics of a national youth cross-country cycling team; Mountain, Sport, & Health International Congress (Rovereto, Italy, 2015) (poster)

National Congresses:

- **Fornasiero A.** Controllo dell'allenamento in ambiente ipossico: il contributo fornito dal monitoraggio della frequenza cardiaca a riposo, durante l'esercizio e nel periodo post-esercizio. National Congress "Giovani, Sport e Montagna" (Predazzo, Italy, May 2022)
- **Fornasiero A.**, Mourot L., Skafidas S., Brighenti A., Gentilin A., Stella F., Zignoli A., Savoldelli A., Pellegrini B., Tarperi C., Schena F.; Heart rate variability and baroreflex sensitivity decrease after strenuous exercise: similar response in type 1 diabetes and healthy subjects; Congresso Società Italiana Scienze motorie (Messina, Italy, 2018) (oral presentation)
- **Fornasiero A.**, Savoldelli A., Boccia G., Zignoli A., Bortolan L., Schena F., Pellegrini B.; Physiological determinants of ski-mountaineering vertical race performance; Congresso Società Italiana Scienze motorie (Brescia, Italy, 2017) (oral presentation)
- **Fornasiero A.**, Savoldelli A., Pellegrini B., Schena F.; Exercise intensity profile and training load during a 65 km Mountain Ultra-Marathon; Congresso Società Italiana Scienze motorie (Rome, Italy, 2016) (oral presentation)

Seminars:

- **Fornasiero A.** Cardiac autonomic modulation responses following maximal hypoxic exercise; International research week, Université de Franche-Comté, Besancon (France), 23-26 Oct 2018

Abstracts:

1. A. Savoldelli, **A. Fornasiero**, A. Callovini, M. Decet, F. Schena, B. Pellegrini, L. Bortolan; Physiological differences between world-class and national-level ski mountaineers; 9th International Congress on Science and Skiing, ICSS (Saalbach-Hinterglemm, Austria, 2023)

2. L. Bortolan, C. Zoppiroli, **A. Fornasiero**, S. Nanni, L. Gazzi, A. Savoldelli, M. Decet, B. Pellegrini; Effect of ski boot weight in ski mountaineering on energy cost and mechanical load; 9th International Congress on Science and Skiing, ICSS (Saalbach-Hinterglemm, Austria, 2023)
3. L. Bortolan, **A. Fornasiero**, S. Nanni, L. Gazzi, A. Savoldelli, B. Pellegrini; The metabolic advantage of using lighter ski boots in ski mountaineering competitions; Congresso Società Italiana Scienze motorie, SISMES (Milano, Italy, 2022)
4. Decet M., Callovini A., Savoldelli A., **Fornasiero A.**, Pellegrini B., Bortolan L., Schena F. Enduro mountain bike performance characteristics; Congresso Società Italiana Scienze motorie, SISMES (Milano, Italy, 2022)
5. Callovini A., **Fornasiero A.**, Mattivi M., Decet M., Savoldelli A., Todesco B., Pellegrini B., Schena F. Performance predictors in Short Trail Running Races: is there a Role of Sex? (Milano, Italy, 2022)
6. Callovini A., **Fornasiero A.**, Savoldelli A., Decet M., Skafidas S., Pellegrini B., Bortolan L., Schena F., Independent and combined effects of hypoxia and cold on submaximal and maximal exercise performance, Congresso Società Italiana Scienze motorie, SISMES (Padova, Italy, 2021)
7. Savoldelli A., Dorelli G., **Fornasiero A.**, Callovini A., Decet M., Pellegrini B., Vanoni L., Dalle Carbonare L., Schena F. Effects of an acute exposure to simulated or real altitude on organ transplant recipients: the “Monte Rosa” project. Congresso Società Italiana Scienze motorie, SISMES (Padova, Italy, 2021)
8. Callovini A., **Fornasiero A.**, Savoldelli A., Stella F., Bortolan L., Pellegrini B., Schena F. Effects of three-exercise sessions in the heat on endurance cycling performance. Congress of the European College of Sport Science, ECSS, (virtual event, 2020)
9. Savoldelli A., Fait A., Callovini A., Stella F., **Fornasiero A.**, Bortolan L.; Uphill performance: with poles, or not with poles, this is the question; 8th International Congress Mountain, Sport, & Health (Rovereto, Italy, 2019)
10. Callovini A., **Fornasiero A.**, Savoldelli A., Stella F., Bortolan L., Pellegrini B., Schena F.; Very short-term heat acclimation: are 3 exercise sessions in the heat enough to partially reduce heat-induced performance decrements? 8th International Congress Mountain, Sport, & Health (Rovereto, Italy, 2019)
11. R. Modena, F.M. Impellizzeri, S. Skafidas, **A. Fornasiero**, F. Schena; Cardiac and peripheral adaptations following low- and moderate-frequency recreational football, Congresso Società Italiana Scienze motorie (Bologna, Italy, 2019)
12. C. Zoppiroli, F. Gilli, S. Skafidas, F. Stella, R. Modena, **A. Fornasiero**, A. Callovini, A. Savoldelli, F. Schena, B. Pellegrini; Cross-country skiing master athletes: excellent examples of successful aging, Congresso Società Italiana Scienze motorie (Bologna, Italy, 2019);
13. Pedrinolla, A., Savoldelli, A., Skafidas, S., Giuriato, G., **Fornasiero, A.**, Pellegrini, B., Bortolan, L., Schena, F. & Venturelli, M. (2018). Indispensably evil! The role of oxygen in nitric-oxide dependent endothelial function. In *Faseb Journal* (Vol. 32, No. 1). 9650 Rockville Pike, Bethesda, Md 20814-3998 Usa: Federation Amer Soc Exp Biol.
14. A. Savoldelli, **A. Fornasiero**, S. Skafidas, G. Boccia, F. Stella, C. Zoppiroli, L. Mourot, L. Bortolan, F. Schena, G. Vernillo, B. Pellegrini; Moving from 2000 to 3500 m of simulated altitude: physiological responses with different intensities of effort, Congresso Società Italiana Scienze motorie (Messina, Italy 2018)
15. F. Gilli, A. Callovini, **A. Fornasiero**, S. Skafidas, V. Muollo, G. Boccia, F. Schena B. Pellegrini; A 3-week exercise and nutritional intervention program improves post exercise cardiac autonomic recovery in obese adults; Congresso Società Italiana Scienze motorie (Messina, Italy 2018)
16. C. Zoppiroli, B. Pellegrini R. Modena, **A. Fornasiero**, A. Savoldelli, F. Stella, L. Bortolan; Sex differences in upper and lower body muscular engagement during cross-country skiing; Congresso Società Italiana Scienze motorie (Messina, Italy 2018)

17. Modena R., Impellizzeri F., **Fornasiero A.**, Schena F. Effects of moderate and low frequency recreational football on cardiovascular risk factors: a dose-response study; 23rd annual Congress of the European College of Sport Science (Dublin, Ireland, 2018)
18. A. Savoldelli, **A. Fornasiero**, S. Skafidas, G. Boccia, L. Bortolan, F. Stella, A. Pedrinolla, M. Venturelli, R. Modena, L. Mourot, G. Vernillo, F. Schena, B. Pellegrini; Do both submaximal exercise and exposure to progressive hypoxia impair endurance performance?. Congresso Società Italiana Scienze motorie (Brescia 2017)
19. Modena R., **Fornasiero A.**, Savoldelli A., Pellegrini B. Schena F.; 12 weeks of recreational soccer with different doses, in middle-age sedentary men: effects on matches training load. Congresso Società Italiana Scienze motorie (Brescia 2017)
20. A. Zignoli, M. Ragni, **A. Fornasiero**, P. B. Laursen, F. Schena, F. Biral; Estimating oxygen uptake in cycling using neural network analysis of easy-to-obtain inputs. Congresso Società Italiana Scienze motorie (Brescia 2017)
21. A. Zignoli, **A. Fornasiero**, E. Bertolazzi, F. Biral, B. Pellegrini, F. Schena; Modeling acute blood lactate concentration response to cycling exercise; Congresso Società Italiana Scienze motorie (Rome 2016)
22. F. Gilli, **A. Fornasiero**, M. Masiero, F. Giordano. & F. Schena; Efficacy of a 3-week multidisciplinary intervention program on the physical capacity in severe obese people; Congresso Società Italiana Scienze motorie (Rome 2016)
23. R. Modena, **A. Fornasiero**, B. Pellegrini, A. Ferrari, E. Locatelli, F. Schena; Influence of maturation on anthropometric and physiological characteristics: is there an age effect?; Congresso Società Italiana Scienze motorie (Rome 2016);
24. A. Zignoli, **A. Fornasiero**, M. Morelli, F. Biral, E. Bertolazzi, B. Pellegrini and F. Schena; Modelling the acute physiological response to cycling exercise: the blood lactate concentration challenge; Workshop Modelling in Endurance Sports (Konstanz, 2016)
25. Modena R., Togni A., **Fornasiero A.**, Savoldelli A., Pellegrini B.; Schena F; External load assessment during small sided games in soccer: influence of pitch size and goalkeeper presence; European College of Sport Science (ECSS) (Vienna 2016)
26. A. Zignoli, **A. Fornasiero**, A. Savoldelli, M. Morelli, E. Bertolazzi, F. Biral, B. Pellegrini; An optimal control approach to the high intensity interval training design; Science & Cycling (Caen 2016)
27. Modena R., **Fornasiero A.**, Savoldelli A., Pellegrini B., Schena F.; Anthropometrical and Physiological characteristics in young cross-country skiers: a longitudinal study; Mountain, Sport, & Health International Congress (Rovereto 2015)
28. Savoldelli, A., Vernillo, G., Trabucchi, P., **Fornasiero, A.**, Limonta, E., Millet, G. & Schena, F.; The energetics during the world most challenging mountain ultramarathon: a case study; Endurance Research Conference (Kent 2015)
29. R. Modena, A. Savoldelli, **A. Fornasiero**, B. Pellegrini, ... & F. Schena; Differences between female and male young athletes in performance capacity and body composition: preliminary results from the Talent Development Project "Talenti 2020"; Congresso Società Italiana Scienze motorie (Padova 2015)

Past and present research collaborations

- *"The role of cardiopulmonary exercise testing in predicting individual responses to hypoxia and hypoxic exercise"*, Dorelli G., MD (University of Verona, Verona, Italy)
- *"Predicting top performance times in vertical races: the influence of slope, altitude and terrain"*, Zignoli A., PhD (University of Trento, Trento, Italy)
- *"Effect of hypoxic aerobic exercise on cardiovascular function"*, Mourot L., PhD (University of Bourgogne Franche-Comté, Besançon, France)
- *"Impact of ultra-endurance exercise on resting, exercise and post-exercise cardiac autonomic responses"*, Mourot L., PhD (University of Bourgogne Franche-Comté, Besançon, France)

- *“Independent and combined effects of hypoxia and cold on submaximal and maximal exercise performance”*; Callovini A. PhD student, (University of Verona, Verona, Italy)
- *“Acute and Chronic Exposure to Endurance Exercise at Simulated Altitude: The Impact on Cardiac Structure and Function”*; Kleinnibbelink G., MD, PhD Candidate (Radboud University, Nijmegen, The Netherlands)
- *“Short-term heat acclimation: effects on cardiorespiratory and hemodynamic responses to sub-maximal and maximal exercise in hot and cool environments”*; Callovini A. MSc, (University of Verona, Verona, Italy)
- *Oxynet: a crowdsourcing web-application to collect data and train and test new artificial intelligence algorithms for CPET data interpretation*; <https://cpetinterpreter.wixsite.com/oxynet-cpet>; Zignoli A., PhD (University of Trento, Trento, Italy)
- *“Determinants of endurance and ultra-endurance performances in hypoxic conditions”*; Savoldelli A., PhD (University of Verona, Verona, Italy)
- *“Recreational football and cardiovascular risk”*; Modena R.; PhD (University of Verona, Verona, Italy)
- *“Development of Integrated Tools for Biomechanical Analysis in Sport Performance: Application to Cycling”*; Zignoli A., PhD (University of Trento, Trento, Italy)