

ANNA PEDRINOLLA

D.o.B. 22/06/1988

Address: Piazza Buonacquisto, 11. 38061, Ala (TN). Italy

email: anna.pedrinolla@univr.it

Education/training

- 2014-present** Ph.D. in Biomedical, clinical and experimental sciences, school of Life and Health science, Department of Medicine, University of Verona, Italy
- Mar. 2014** M.S. in Adapted Exercise Physiology, school of sport sciences, University of Verona, Italy. Thesis: "Effects of a High Intensity Aerobic Training in Chronic Stroke Patients: Mechanisms for Changes in Oxygen Consumption."
Supervisor Prof. Federico Schena. 110/110 e Lode
- Mar. 2014** Research project "Physiological effects of prolonged exercise in a pancreatic cancer patient undergoing chemotherapy." (IT): Ultra walking endurance event, Supervisors: Dott. Luca Ardigò, Prof. Federico Schena
- Jun/Aug.2013** Internship at Canadian Center for Activity and Aging, CCAA. University of Western Ontario, London. Canada
- Mar/May 2013** Research project "Physiological response to prolonged exercise- Ultra walking endurance challenges" Supervisors: Dott. Luca Ardigò, Prof. Federico Schena
- Jan/May 2013** Internship at Neuromotor and cognitive rehabilitation research center (CRRNC), Department of Neurological and movement sciences, University of Verona, Italy.
- Nov'12/Jun'13** Training at "Metti la salute in movimento", physical activity for stroke people. School of sport sciences, University of Verona, Italy.
- Jul 2011** B.S. in Kinesiology, school of sport sciences, University of Verona, Italy.
- Jan/Aug 2010** Erasmus Program Scholarship, University of Evora, Portugal

Employments and experiences

- Undergraduate Teaching Assistant in Fitness training, University of Verona, (2016).
- Undergraduate Teaching Assistant in Fitness training, University of Verona, (2015).
- Graduate Teaching Assistant in sport and fitness assessments and methodology, University of Verona (2014).
- Undergraduate Teaching Assistant in sport and training methodology, University of Verona (2014).
- Undergraduate Teaching Assistant in sport and training methodology, University of Verona (2013).
- Graduate Teaching Assistant in sport and fitness assessments and methodology, University of Verona (2013).
- Tutor for undergraduate students, University of Vrona (2013)

Collaboration with Technogym, Mywellness S.p.A., Gambettola, Italy (Nov 2012)

Undergraduate Teaching Assistant in sport and training methodology, University of Verona (2012).

Completed research support

PRIN 2010KL2Y73_004 (area 11) Di Baldassarre Angela (PI) 2010-2011 (36 months)

Scientific coordinator of University of Verona local section Schena Federico

Impact of Physical Activity on healthy aging: multidisciplinary analysis of mechanisms and outcomes.

Role: Co-I

Peer-reviewed publications

1. **Pedrinolla A**, Li Volti G, Galvano F, Schena F, Perciavalle V, Di Corrado D. Bioenergetics and psychological profile of an ultra endurance walker. *J Sports Med Phys Fitness*. 2017 Feb 22. doi: 10.23736/S0022-4707.17.07088-8.
2. **Pedrinolla A**, Schena F, Venturelli M. *Resilience to Alzheimer's disease: the role of physical activity*. *Current Alzheimer research* 2016 Nov. 14 Epub ahead of print
3. Munari D, **Pedrinolla A**, Smania N, Picelli A, Gandolfi M, Saltuari L, Schena F. *High-intensity treadmill training and cost of walking in stroke survivors: preliminary results of a pilot randomized controlled trial*. *Eur J Phys Rehabil Med* 2016 Aug 30.
4. **Pedrinolla A**, Ardigò LP, Salvagno GL, Li Volti G, Cavegion E, Mambrini A, Mazzi P, Cormie P, Guidi GC, Schena F. *Inflammation response to exercise in a pancreatic cancer patient: a case study*. *Pancreat Disord Ther* 2016, 6:4 doi: 10.4172/2165-7092.1000176
5. **Pedrinolla A**, Venturelli M, Fonte C, Rudi D, Geccherle M, Smania N, Schena F. *Metabolic and Cognitive Effects Of Physical Activity In Patients With Alzheimer's Disease: 2568 Board #91 June 3, 9: 30 AM - 11: 00 AM*. *Med Sci Sports Exerc*. 2016 May;48(5 Suppl 1):711. doi: 10.1249/01.mss.0000487137.14730.1d.

National and International congress contributions

1. **A. Pedrinolla**, M. Venturelli, C. Fonte, I. Boscolo Galazzo, L. Crispoltoni, M.V. Benetti , A. Stabile, A. Pistilli, M. Rende, F.B. Pizzini, N. Smania, F. Schena
Cerebral and peripheral circulation and progression of Alzheimer's disease. ORAL PRESENTATION – EXPERIMENTAL BIOLOGY annual meeting, Chicago 22-26 aprile 2017
2. **Pedrinolla A**, Venturelli M, Fonte C, Munari D, Gandolfi M, Rudi D, Smania N, Schena F.
Exercise-induced amelioration in locomotion of patients with Alzheimer's disease. POSTER – XI congresso SISMES, Roma 7-9 settembre 2016
3. **Pedrinolla A**, Venturelli M, Fonte F, Crispoltoni L, Benetti MV, Tamburin S, De Togni L, Rende M, Smania N, Schena F. Vascular function and progression of Alzheimer's disease. POSTER – 67° Congresso nazionale di fisiologia dell'esercizio, Catania 21-23 settembre 2016.

4. **Pedrinolla A**, Venturelli M, Fonte C, Munari D, Gandolfi M, Rudi D, Smania N, Schena F. Exercise-induced amelioration in locomotion of patients with Alzheimer's disease. ORAL – XXI annual congress of the European College of Sport Science, Vienna (Austria), 22-24 luglio 2016
5. **Pedrinolla A**, Venturelli M, Fonte C, Salvagno GL, Rudi D, Geccherle M, Smania N, Schena F. Exercise reduces cardiovascular risk factors in patients with Alzheimer's disease. MINI ORAL - XXI annual congress of the European College of Sport Science, Vienna (Austria), 22-24 luglio 2016
6. **Pedrinolla A**, Venturelli M, Fonte C, Rudi D, Geccherle M, Smania N, Schena F. Metabolic and cognitive effects of physical activity in patients with Alzheimer's disease. POSTER – ACSM's annual meeting, Boston (USA) 29.4 Giugno 2016
7. **Pedrinolla A**, Schena F, Salvagno GL, Mazzi P, Cavegion E, Li Volti G, Galvano F, Ardigò LP. Inflammation response, hepatic and pancreatic functionality during prolonged exercise in a pancreatic cancer patient: a case study. ORAL - XX annual Congress of the European College of Sport Science, Malmö (Sweden) 24-27 June 2015
8. **Pedrinolla A**, Venturelli M, Fonte C, Brugnera A, Gandolfi M, Rudi D, Munari D, Smania N, Schena F. Progetto PRIN 2010-2011. L'invecchiamento sano e patologico: studio osservazionale. POSTER, XV Congresso Nazionale SIRN, Novara 16-18 Aprile 2015
9. Munari D, **Pedrinolla A**, Schena F, Smania N. Effetti di un training di rinforzo muscolare ad alta intensità in pazienti con ictus cerebrale in fase cronica. POSTER, XV Congresso Nazionale SIRN, Novara 16-18 Aprile 2015
10. **Pedrinolla A**, Cormie P, Mambrini A, Schena F, Ardigò LP. Home-based and extreme exercise in pancreatic cancer: a case study. Poster – VI SISMES, Napoli 26-28 Settembre 2014
11. **Pedrinolla A**, Munari D, Smania N, Schena F. Effect of high intensity aerobic training in chronic stroke: mechanisms for change in oxygen consumption. ORAL – VI SISMES, Napoli 26-28 Settembre 2014
12. Munari D, **Pedrinolla A**, Schena F, Geroin C, Gandolfi M, Picelli A, Smania N. Effetti di un training aerobico ad alta intensità in pazienti con ictus cerebrale in fase cronica. Poster, XIV Congresso Nazionale SIRN, Genova 8-10 Maggio 2014
13. **Pedrinolla A**, Munari D, Smania N, Schena F. Effect of uphill treadmill training on walking energy cost in stroke patients: case study. POSTER - 5th International State-of-the-Art Congress. Groningen, the Netherlands. 23-25 Aprile 2014
14. **Pedrinolla A**, Munari D, Smania N, Schena F. Physiological effect of aerobic training in chronic stroke: mechanisms for change in oxygen consumption. POSTER– 5th International State-of-the-Art Congress. Groningen, the Netherlands. 23-25 Aprile 2014
15. Ardigò LP, **Pedrinolla A**, Corrent G. Affi 2013 Utra endurance walking a pilot study. ORAL - International congress Mountain Sport & Health. Updating study and research from laboratory to field. December 2013, Rovereto (TN) – Italy
16. Munari D, **Pedrinolla A**, Smania N, Schena F. Effect of high intensity physical training in stroke survivors. POSTER - 19th International Symposium of Adapted Physical Activity. July 2013, Istanbul, Turkey.

Funding and awards

1.

2. Internal funding - FONDO DI RICERCA INDIPENDENTE AOUI Verona

Project: Relazione tra tecnica doppler classica unita alla tecnica NIRS e risonanza magnetica per la valutazione della perfusione cerebrale e delle sue variazioni durante la somministrazione di due differenti stimoli ipercapnici. Studio esplorativo in una popolazione sana.

14.174 €

3. ACSM's International Students Award 2016

Abstract: Metabolic and cognitive effects of physical activity in patients with Alzheimer's disease.

1.000 \$

4. Italian society of diabetology (SID)

Project: Acute inflammatory response to different typology and intensity of exercise in obese people with and without type 2 diabetes.

10.000 €