



12/30/2016  
13 Pages

## **Salvatore Carbone, MS**

### **ADDRESS**

VCU Medical Center  
1200 E. Broad Street  
West Hospital, 5<sup>th</sup> floor – West wing  
Room 520 – P.O. Box 980204  
Richmond VA 23298  
Phone (804) 628-3980 / Fax (804) 628-3984  
E-mail: [salvatore.carbone@vcuhealth.org](mailto:salvatore.carbone@vcuhealth.org)

### **LANGUAGE**

- Fluent in English and Italian.

### **CURRENT POSITION(S)**

*Research Instructor of Medicine, Faculty*  
Department of Internal Medicine,  
Division of Cardiology, VCU Pauley Heart Center  
Virginia Commonwealth University

*Instructor, Adjunct Faculty*  
Clinical Nutrition  
Master of Science - online program on Food Science, Nutrition and Applied Dietetics  
University of Rome, Sapienza (Unitelma)

### **EDUCATION**

Dec 2011 – Oct 2013:                   Master of Science in Molecular and Nutritional Biology  
University of Urbino "Carlo Bo"  
Urbino, Italy

Oct 2008 – Nov 2011:               Bachelor's Degree in Dietetics and Nutrition  
University of Rome "Sapienza"  
Rome, Italy

## **EXAMINATION AND LICENSING**

- Italian Registered Dietitian exam passed on Nov 2011.

## **ACADEMIC APPOINTMENTS**

Jan 2016-present	<i>Research Instructor of Medicine, Faculty</i> Department of Internal Medicine, Division of Cardiology, VCU Pauley Heart Center Virginia Commonwealth University
Jan 2015-Dec 2015	<i>Research Assistant, Faculty</i> Department of Internal Medicine, Division of Cardiology, VCU Pauley Heart Center Virginia Commonwealth University
Dec 2013-Jan 2015	<i>Research Assistant</i> Department of Internal Medicine, Division of Cardiology, VCU Pauley Heart Center Virginia Commonwealth University
Nov 2013-present	<i>Instructor, Adjunct Faculty</i> Clinical Nutrition Master of Science online program on Food Science, Nutrition and Applied Dietetics University of Rome, Sapienza (Unitelma)
May 2012-Nov 2013	<i>Instructor, Adjunct Faculty</i> Clinical Nutrition Food Science, Nutrition and Applied Dietetics Istituto Alta Formazione (I.A.F.) Rome, Italy
Sep 2012-Dec 2012	<i>Instructor, Adjunct Faculty</i> Clinical Nutrition Dietetics and Clinical Nutrition Campus Bio-Medico University Rome, Italy

## **CLINICAL APPOINTMENTS**

Nov 2011-Nov 2013                      *Clinical Dietitian*  
Diabetes and Metabolism Unit  
Department of Experimental Medicine  
University of Rome, Sapienza  
Latina, Italy

Jul 2011-Jul 2012                      *Clinical Dietitian*  
Clinical Nutrition Unit  
Department of Gastroenterology  
Campus Bio-Medico University  
Rome, Italy

## **MEMBERSHIP IN PROFESSIONAL SOCIETIES**

- 2011 – 2013                      Member of the Italian Association of Dietetics and Clinical Nutrition
- 2011 – present                      Member of the European Federation of the Association of Dietitians
- 2013 – present                      Member of the American Heart Association
- 2015 – present                      Member of the American Society for Parenteral and Enteral Nutrition
- 2016 – present                      Member of the European Society of Preventive Medicine
- 2016 – present                      Member of the European Society for Cardiology
- 2016 – present                      Associate Member of the American Society for Nutrition

## **SCIENTIFIC AND SCHOLARLY ACTIVITIES**

### **Invited lectures**

- 2016                                      *The Mediterranean Diet*  
YMUN faculty development program  
Virginia Commonwealth University, Richmond, VA

- 2016                    *Obesity, Obesity Paradox and Ongoing Research*  
YMUN faculty development program  
Virginia Commonwealth University, Richmond, VA
  
- 2016                    *The Mediterranean Diet*  
YMUN faculty development program  
Virginia Commonwealth University, Richmond, VA
  
- 2016                    *Obesity, Obesity Paradox and Ongoing Research*  
YMUN faculty development program  
Virginia Commonwealth University, Richmond, VA
  
- 2016                    *Heart Failure: Research and Nutrition Implications*  
Dietetic Interns Series  
Virginia Commonwealth University, Richmond, VA
  
- 2015                    *Obesity and Heart Failure*  
Heart Failure Conference Lecture Series  
Virginia Commonwealth University, Richmond, VA
  
- 2015                    *Impact of Diet on Diabetes and Heart Risk*  
American Diabetes Association meeting  
Virginia Commonwealth University, Richmond, VA
  
- 2015                    *Obesity and Heart Failure*  
Cardiology Core Lecture Series for General Cardiology  
Fellows  
Virginia Commonwealth University, Richmond, VA
  
- 2014                    *Nutrition in the ICU*  
Coronary ICU Conference Series  
Virginia Commonwealth University, Richmond, VA
  
- 2014                    *Obesity and Heart Failure*  
Dietetic Interns Series  
Virginia Commonwealth University, Richmond, VA
  
- 2014                    *The Mediterranean Diet*  
School of World Studies,  
International Studies 101

Virginia Commonwealth University, Richmond, VA

- 2013 *Interactive Lunch with the Dietitian*  
*Italian Association of Clinical Diabetologists*  
*AMD, Rome, Italy*

### **Studies and grant support**

1. SGLT2 inhibitors in diabetic patients with heart failure with reduced ejection fraction  
Summary: Open-label study in diabetic patients with heart failure with reduced ejection fraction, treated with SGLT2 inhibitor. Primary end-point: change in plasma renin-activity and aldosterone; interval change in aerobic exercise capacity.  
**American Heart Association** Mid-Atlantic Affiliate - Mentored Clinical and Population Research Award 2016-2018. Active: \$154,000. *Role: **Principal Investigator***.
2. Canagliflozin in patients with diabetes mellitus and heart failure. Summary: Phase IV clinical trial of canagliflozin or sitagliptin in patients with systolic heart failure and diabetes assessing peak aerobic exercise capacity. Being activated: \$809,347; Investigator Initiated Industry Sponsored/Janssen therapeutics - 2016-2019. Principal Investigators: Antonio Abbate, MD, PhD. *Role: **Co-Principal Investigator***.
3. Targeting Relaxin Receptor 1 for Protection of the Aging Diabetic Heart. The major goals of this project are to examine the role of relaxin receptor 1 (RXFP1) gain- and loss-of-function in myocardial ischemia-reperfusion injury in the aging diabetic heart. National Institute of Health – NIA. R21AG053654-01 – 2016-2018. Principal Investigator: Fadi Salloum, PhD. *Role: **Co-Investigator***
4. Interleukin-1 blockade in recently decompensated heart failure. Summary: Randomized clinical trial enrolling patients with recent hospital admission for heart failure and treated with anakinra, a IL-1 antagonist, or placebo for 12 weeks. Primary endpoint: interval change in aerobic exercise capacity. National Heart Blood Lung Institute, National Institute of Health 2013-2015. Active: \$694,433. Principal Investigators: Antonio Abbate, MD, PhD; Benjamin Van Tassell, PharmD. *Role: **Co-Investigator***
5. Interleukin-1 blockade in acute myocardial infarction. Summary: Randomized clinical trial enrolling patients with ST-segment elevation acute myocardial infarction treated with anakinra, a IL-1 antagonist, at two different doses or placebo for 14 days. Primary endpoint: interval change in aerobic exercise capacity. National Heart Blood Lung Institute, National Institute of Health 2014-2017. Active: \$652,839. Principal

Investigators: Antonio Abbate, MD, PhD; Benjamin Van Tassell, PharmD. *Role: Co-Investigator*

6. Interleukin-1 blockade in heart failure with preserved ejection fraction. Summary: Randomized clinical trial enrolling patients with prior hospital admission for heart failure with preserved ejection fraction and treated with anakinra, a IL-1 antagonist, or placebo for 12 weeks. Primary endpoint: interval change in aerobic exercise capacity. National Heart Blood Lung Institute, National Institute of Health 2014-2016. Active: \$607,858. Principal Investigators: Antonio Abbate, MD, PhD; Benjamin Van Tassell, PharmD. *Role: Co-Investigator*
7. A Randomized, Double-blind, Placebo-controlled, Event Driven Trial of Quarterly Subcutaneous Canakinumab in the Prevention of Recurrent Cardiovascular Events Among Stable Post-myocardial Infarction Patients With Elevated hsCRP. Summary: This study is aimed at testing a novel IL-1beta blockers for the prevention of adverse CV events in patients with prior MI and elevated CRP. Novartis Pharmaceuticals – Multi-center clinical trial – This includes also a Substudy focused on patients with Heart Failure available only at VCU which is Investigator-Initiated. Active: \$735,000. Principal Investigator for VCU and Principal Investigator for Substudy: Antonio Abbate, MD, PhD. *Role: Co-Investigator*

### **Clinical and pre-clinical Studies Training**

2015-present	Good Clinical Practice (GCP) Training
2013-present	Collaborative Institutional Training Initiative (CITI)
2013-present	Animal Care and Use in Research and Education: Post-Procedure Care of Mice and Rats in Research: Minimizing Pain and Distress

### **TEACHING**

- Master of Science online program on Food Science, Nutrition and Applied Dietetics. University of Rome, Sapienza (Unitelma). Main subjects of teaching:
  - Nutrition and Dietetics in Obesity
  - Nutrition and Dietetics in Diabetes
  - Nutrition and Dietetics in Cardiovascular Disease, focus on Heart Failure
  - Nutrition and Dietetics in Cancer
  - Nutrition and Dietetics in Sport
  - Body composition assessment in physiological and pathological conditions.
- Thesis Coordinator for students (primarily physicians, biologists, nutritionists and nurses) enrolled in the Master of Science

- Supervisor of Dietetics Interns from Dec 2011 to Nov 2013 at Diabetes and Metabolism Unit, University of Rome, Sapienza

### **Service to the community or the University**

- 2013-present Peer-Reviewer PLoS ONE
- 2015-present Peer-Reviewer BMC Cardiovascular Disorders
- 2015-present Peer-Reviewer Histology and Histopathology
- 2015-present Peer-Reviewer Journal of Human Nutrition & Food Science
- 2015-present Editorial Board – Immunoendocrinology
- 2015-present Institutional Review Board (IRB) - Full member Virginia Commonwealth University
- 2016-present Abstract Review Committee - American Society for Parenteral and Enteral Nutrition.
- 2016-present Peer-Reviewer Metabolism Clinical and Experimental

### **PUBLICATIONS IN JOURNALS**

1. **Carbone S**, Lee PH, Mauro AG, Mezzaroma E, Buzzetti R, Van Tassell BW, Abbate A, Toldo S. Interleukin 18 Mediates Cardiac Dysfunction Induced by Western Diet Independent of Obesity and Hyperglycemia in the Mouse. *Nutrition & Diabetes* 2016. *In press*.
2. **Carbone S**, Lavie CJ, Arena R. Obesity and Heart Failure: Focus on the Obesity Paradox. *Mayo Clin Proc* 2016. *In press*. Corr Author.
3. **Carbone S**, Canada JM, Buckley LF, Trankle CR, Dixon DL, Buzzetti R, Arena R, Van Tassell BW, Abbate A. Obesity Contributes to Exercise Intolerance in Heart Failure with Preserved Ejection Fraction. *J Am Coll Cardiol* 2016;68(22):2487-2488. Corr Author.
4. **Carbone S**, Arena R, Abbate A. Lack of Benefit for Liraglutide in Heart Failure. *JAMA* 2016;316(22):2429
5. Dixon D, **Carbone S**, Abbate A. Letter Regarding "Watching Television and Risk of Mortality From Pulmonary Embolism Among Japanese Men and Women". *Circulation* 2016;134:e499-e500

6. **Carbone S**, Mauro AG, Mezzaroma E, Kraskauskas D, Marchetti C, Buzzetti R, Van Tassell BW, Abbate A, Toldo S. "A high-sugar and high-fat diet impairs cardiac systolic and diastolic function in mice". *Int J Cardiol* 2015;198:66-69. Corr Author.
7. **Carbone S**, Shah KB, Van Tassell BW, Canada JM, Evans RK, Regan JA, Buzzetti R, and Abbate A. Obesity and Diastolic Heart Failure: Is Inflammation the Link?. *Transl Med* 2013;3:e124. doi:10.4172/2161-1025.1000e124
8. **Carbone S**, Buckley L, Trankle C, Canada J, Dixon D, Van Tassell BW, Buzzetti R, Abbate A. Obesity and Heart Failure: can nutritional status explain the paradoxical relationship? *EC Cardiology* 2015;2(2):94-98. Corr Author.
9. Regan J, Mauro AG, **Carbone S**, Marchetti C, Gill R, Mezzaroma E, Valle Raleigh J, Salloum FN, Van Tassell BW, Abbate A, Toldo S. "A Mouse Model of Heart Failure with Preserved Ejection Fraction due to Chronic Infusion of a Low Subpressor Dose of Angiotensin II". *Am J Physiol Heart Circ Physiol* 2015. Epub ahead of print. Pubmed PMID: 26188021.
10. Canada JM, Fronk DT, Cei LF, **Carbone S**, Erdle CO, Abouzaki NA, Melchior RD, Thomas CS, Christopher S, Turlington JS, Trankle CR, Thurber CJ, Evans RK, Dixon DL, Van Tassell BW, Arena R, Abbate A. Usefulness of C-Reactive Protein Plasma Levels to Predict Exercise Intolerance in Patients With Chronic Systolic Heart Failure. *Am J Cardiol* 2016;117(1):116-20.
11. O'Brien L, Mezzaroma E, Van Tassell BW, Marchetti C, **Carbone S**, Abbate A, and Toldo S. "Interleukin-18 as a therapeutic target in acute myocardial infarction and heart failure". *Mol Med*. 2014 Jun 12;20(1):221-9. doi: 10.2119/molmed.2014.00034
12. Toldo S, Mezzaroma E, Bressi E, Marchetti C, **Carbone S**, Sonnino C, Van Tassell BW, Abbate A. "Interleukin-1 $\beta$  blockade improves left ventricular systolic/diastolic function and restores contractility reserve in severe ischemic cardiomyopathy in the mouse". *J Cardiovasc Pharmacol* 2014;64(1):1-6.
13. Abbate A, Van Tassell BW, Christopher S, Abouzaki NA, Sonnino C, Oddi C, **Carbone S**, Melchior RD, Gambill ML, Roberts CS, Kontos MC, Peberdy MA, Toldo S, Vetrovec GW, Biondi-Zoccai G, Dinarello CA. "Effects of Prolastin C (Plasma Derived Alpha-1 Antitrypsin) on the Acute Inflammatory Response in Patients with ST-segment Elevation Myocardial Infarction (from the VCU-Alpha1-RT Pilot Study)". *Am J Cardiol* 2015;115(1):8-12.
14. Abbate A, Kontos MC, Abouzaki NA, Melchior RD, Thomas C, Van Tassell BW, Oddi



- C, **Carbone S**, Trankle CR, Roberts CS, Mueller GH, Gambill ML, Christopher S, Markley R, Vetrovec GW, Dinarello CA, Biondi-Zoccai G. "Comparative Safety of Interleukin-1 Blockade with Anakinra in Patients with ST-Segment Elevation Acute Myocardial Infarction (from the VCU-ART and VCU-ART2 Pilot Studies)". *Am J Cardiol* 2015;115(3):288-92.
15. Dixon DL, Trankle CR, Buckley LF, Parod E, **Carbone S**, Van Tassell BW, Abbate A. A Review of PCSK9 Inhibition and Its Effects Beyond LDL-Receptors. *J Clin Lipidol* 2016;10(5):1073-80.
  16. Van Tassell BW, Abouzaki NA, Oddi Erdle C, **Carbone S**, Trankle CR, Melchior RD, Turlington JS, Thurber CJ, Christopher S, Dixon DL, Fronk DT, Thomas CS, Rose SW, Buckley LF, Dinarello CA, Biondi-Zoccai G, Abbate A. Interleukin-1 Blockade in Acute Decompensated Heart Failure: A Randomized, Double-Blinded, Placebo-Controlled Pilot Study. *J Cardiovasc Pharmacol*. 2016;67(6):544-51.
  17. Buckley LF, Wijesinghe D, Dixon DL, Trankle CR, **Carbone S**, Canada JM, and Van Tassell BW. The State of Women's Health in 2016 and Future Perspectives. *Ann Public Health Res* 3(2):1041.
  18. Toldo S, Marchetti C, Mauro AG, Chojnacki J, Mezzaroma E, **Carbone S**, Zhang S, Van Tassell B, Salloum FN, Abbate A. Inhibition of the NLRP3 inflammasome limits the inflammatory injury following myocardial ischemia-reperfusion in the mouse. *Int J Cardiol* 2016;209:215-20.
  19. Marchetti C, Toldo S, Chojnacki J, Mezzaroma E, Liu K, Salloum FN, Nordio A, **Carbone S**, Mauro AG, Das A, Zalavadia AA, Halquist MS, Federici M, Van Tassell BW, Zhang S, Abbate A. P Pharmacologic Inhibition of the NLRP3 Inflammasome Preserves Cardiac Function After Ischemic and Nonischemic Injury in the Mouse. *J Cardiovasc Pharmacol* 2015;66(1):1-8.

## **Chapters in books**

- 2015 "19 Voci per una Corretta Alimentazione ed un Adeguato Esercizio Fisico" (19 Opinions for a Healthy Diet and Appropriate Physical Activity) by Agrigento S. Book. Chapter 1: "Food and Nutrients: Food Groups Classification" by **Carbone S**. Preview published on: <http://www.masteralimentazione.eu/doc/pubblicazioni/abstract/Estratto.pdf>
- 2012 "Nutritional risk in elderly: Manual for assessment and management for caregivers" by Donini LM and **Carbone S**. Book. Published online on

### **Abstract presentations**

1. Donini LM, Scavone L, **Carbone S**, Giorgini L, Tempera S. "The criteria of body weight (using BMI) in the diagnosis of anorexia nervosa and accuracy for admission to residential rehabilitation". 6th National Meeting of Italian Society for the Study of Eating Disorder Disease, SISDCA – in Bologna, Italy. November 2011. Poster presentation
2. **Carbone S**, Del Toma E. "Hypothesis of cooperation between public and private system against the pandemic of Obesity". 20th National Meeting Italian Association for Dietetics and Clinical Nutrition, ADI – Florence, Italy. November 2012. Oral presentation
3. Capizzi M, Campagna G, Leto G, Zampetti S, Spoletini M, Foffi C, Moretti C, Venditti C, **Carbone S**, Mastantuono M, Vania A, Buzzetti R. "The circumference of the wrist correlates positively with the arterial blood pressure in overweight and obese children and adolescents". 19th National Meeting Italian Association of Clinical Diabetologists, Rome, AMD – Rome, Italy. June 2013. Poster presentation
4. **Carbone S**, Toldo S, Nordio A, Marchetti C, Mezzaroma E, Mauro AG, Regan J, Sonnino C, Salloum FN, Van Tassell BW, Abbate A. "Western Diet Impairs Cardiac Systolic and Diastolic Function in the Mouse". *Circulation* 2014; 130: A12802. Poster presentation
5. Toldo S, Marchetti C, Hussein AA, **Carbone S**, Regan J, Mauro AG, Nordio A, Sonnino C, Mezzaroma E, Van Tassell BW, Abbate A. "A Mouse Model of Heart Failure with Preserved Ejection Fraction (HFpEF) due to Chronic Infusion of a Low Subpressor Dose of Angiotensin II". *Circulation* 2014;130: A13407. Poster presentation
6. Abbate A, Van Tassell BW, Christopher S, Abouzaki NA, Sonnino C, Oddi C, **Carbone S**, Melchior RD, Gambill ML, Roberts CS, Kontos MC, Peberdy MA, Toldo S, Vetrovec GW, Biondi-Zoccai G, Dinarello CA. "Alpha-1 Anti-trypsin Inhibits the Acute Inflammatory Response in Patients with ST-Segment Elevation Myocardial Infarction". *Circulation* 2014; 130: A12908. Poster presentation
7. Marchetti C, Toldo S, Chojnacki J, Mezzaroma E, **Carbone S**, Nordio A, Sonnino C, Federici M, BW Van Tassell, Zhang S, Abbate A. "Pharmacologic Inhibition of the

- NLRP3 Inflammasome Improves Left Ventricular Dysfunction after Severe Ischemic and Non-Ischemic Injury". *Circulation* 2014; 130: A13423. Poster presentation
8. Toldo S, Mezzaroma E, Van Tassell BW, Mezzaroma E, **Carbone S**, Mauro AG, Salloum FN, Abbate A. "Disruption of Myeloid Differentiation Factor-88 Signaling Prevents the Formation of the Nlrp3 Inflammasome in the Heart in Acute Myocardial Infarction in the Mouse". *Circulation* 2014; 130: A18918. Poster presentation
  9. Mauro AG, Toldo S, Marchetti C, **Carbone S**, Sonnino C, Nordio A, Van Tassell BW, Salloum FN, Abbate A, Mezzaroma E. "Increased myocardial IL-18 expression during the course of radiation induced cardiomyopathy". Italian Society of Cardiology Annual Session 2014, Rome, Italy. Poster presentation
  10. Toldo S, Marchetti C, Mezzaroma E, **Carbone S**, Nordio A, Sonnino C, Mauro AG, Federici M, Van Tassell BW, Abbate A. "Inhibition of the cryopyrin inflammasome improves cardiac remodeling after severe ischemic and non-ischemic injury: a new strategy to prevent Heart Failure". Italian Society of Cardiology Annual Session 2014, Rome, Italy. Poster presentation
  11. Mauro AG, Mezzaroma E, Marchetti C, **Carbone S**, Sonnino C, Nordio A, Van Tassell BW, Salloum FN, Abbate A, Toldo S. "Myeloid differentiation factor-88 gene silencing prevents the NLRP3 inflammasome formation in the mouse heart following acute myocardial infarction". Italian Society of Cardiology Annual Session 2014, Rome, Italy. Poster presentation
  12. Mauro AG, Mezzaroma E, Marchetti C, **Carbone S**, Sonnino C, Nordio A, Van Tassell BW, Salloum FN, Abbate A, Toldo S. "The NLRP3 inflammasome formation in the heart depends on NLRP3 triggering combined with priming". Italian Society of Cardiology Annual Session 2014, Rome, Italy. Poster presentation
  13. Van Tassell CW, **Carbone S**, Oddi Erdle C, Abouzaki NA, Melchior RD, Turlington JS, Trankle CR, Christopher S, Thomas CS, Fronk DT, Thurber C, Dinarello CA, Biondi-Zoccai G, Abbate A. Interleukin-1 blockade in acute decompensated systolic heart failure: results of the Anakinra in Decompensated Heart Failure Pilot study. American Heart Association National Meeting (Orlando) 2015. Poster presentation
  14. Toldo S, Marchetti C, Mauro AG, Mezzaroma E, **Carbone S**, Zhang S, Salloum F, Van Tassell BW, Abbate A. Inhibition of the NLRP3 Inflammasome Limits the Inflammatory Injury Following Myocardial Ischemia-reperfusion in the Mouse. American Heart Association National Meeting (Orlando) 2015. Poster presentation
  15. Regan JA, Mauro GA, **Carbone S**, Marchetti C, Mezzaroma E, Kraskauskas D, Salloum FN, Dinarello CA, Van Tassell BW, Abbate A, Toldo S. Interleukin-18 Blockade Prevents Diastolic Dysfunction in a Mouse Model of Heart Failure with

preserved Ejection Fraction. American Heart Association National Meeting (Orlando) 2015. Poster presentation

16. **Carbone S**, Mauro AG, Mezzaroma E, Kraskauskas D, Buzzetti R, Van Tassell BW, Abbate A, Toldo S. Western diet leads to the formation of the inflammasome in cardiac endothelial cells in the mouse. American Society for Parenteral and Enteral Nutrition (ASPEN) Clinical Nutrition Week Conference (Austin) 2016. Poster presentation. J Parenter Enteral Nutr 2016;40:S74
17. **Carbone S**, Lee PJ, Mauro AG, Regan JA, Kraskauskas D, Buzzetti R, Van Tassell BW, Abbate A, Toldo S. Interleukin-18 mediates left ventricular dysfunction induced by Western diet in the mouse. American Society for Parenteral and Enteral Nutrition (ASPEN) Clinical Nutrition Week Conference (Austin) 2016. Poster presentation. J Parenter Enteral Nutr 2016;40:S73
18. Buckley LF, Canada JM, **Carbone S**, Trankle CR, Abbate A, Van Tassell BW, Dessie S. Relationship between Plasma Biomarkers and Response to IL-1 Blockade in Acute Decompensated Heart Failure. Poster presentation. Journal of Cardiac Failure 2016;22(8):S29
19. Lee PJ, Toldo S, Mauro AG, Regan JA, Kraskauskas D, Van Tassell BW, Abbate A, **Carbone S**. Interleukin 18 attenuates myocardial dysfunction in a model of obesity induced by Western diet. Poster presentation. Canadian Journal of Cardiology 2016;32(10):S143
20. Buckley LF, Wijesinghe DS, Kidd J, Canada JM, **Carbone S**, Dessie S, Fatani Y, Kadariya D, Trankle CR, Abbate A, Van Tassell BW. Rationale and design of the End-stage renal disease and Heart failure: Anakinra Response Trial (E-HART). Presented at: American College of Clinical Pharmacy Annual Meeting. Poster presentation. October 23, 2016; Hollywood, FL.
21. Trankle CR, **Carbone S**, Canada JM, Buckley LF, Dixon DL, Buzzetti R, Arena R, Van Tassell BW, Abbate A. Obesity Contributes to Exercise Intolerance in Heart Failure with Preserved Ejection Fraction. Poster Presentation. Mid-Atlantic Capital Cardiology Symposium 2016.
22. **Carbone S**, Lee PJ, Mauro AG, Mezzaroma E, Regan JA, Kraskauskas D, Buzzetti R, Van Tassell BW, Abbate A, Toldo S. Interleukin-18 Mediates Left Ventricular Dysfunction Induced by Western Diet Independent of Metabolic Changes in the Mouse. Circulation 2016;134 (Suppl 1):A20367-A20367. Poster presentation
23. Mauro AG, Mezzaroma E, Torrado JF, **Carbone S**, Van Tassell BW, Abbate A, Toldo S. A Novel Nlrp3 Inflammasome Inhibitor Prevents Acute Pericarditis in an Experimental Mouse Model. Circulation 2016;134 (Suppl 1):A15152-A15152. Poster

presentation

24. **Carbone S**, Mauro AG, Mezzaroma E, Kraskauskas D, Ezouah P, Buckley LF, Buzzetti R, Van Tassell BW, Abbate A, Toldo S. NLRP3 Inflammasome Inhibitor Prevents Cardiac Dysfunction Induced by Western Diet in the Mouse. *Circulation* 2016;134 (Suppl 1):A20195-A20195. Poster presentation
25. **Carbone S**, Canada JM, Buckley LF, Trankle CR, Billingsley H, Dessie S, Kadariya D, Abouzaki NA, Christopher S, Thurber C, Dixon D, Buzzetti R, Van Tassell BW, Abbate A. Monounsaturated Fat Consumption is Associated with Cardiorespiratory Fitness in Patients with Heart Failure with Preserved Ejection Fraction. (ASPEN) Clinical Nutrition Week Conference (Orlando, FL) 2017. Oral presentation
26. **Carbone S**, Canada JM, Buckley LF, Trankle CR, Billingsley H, Dessie S, Kadariya D, Abouzaki NA, Thurber C, Dixon D, Buzzetti R, Van Tassell BW, Abbate A. Sugar Consumption Predicts Cardiorespiratory Fitness in Patients with Heart Failure with Preserved Ejection Fraction. (ASPEN) Clinical Nutrition Week Conference (Orlando, FL) 2017. Poster presentation
27. **Carbone S**, Mauro AG, Mezzaroma E, Kraskauskas D, Ezouah P, Van Tassell BW, Abbate A, Toldo S. Effects of High-saturated Fat Diet or High-sugar diet on Cardiac Function and Glucose Metabolism in The Mouse. (ASPEN) Clinical Nutrition Week Conference (Orlando, FL) 2017. Poster presentation
28. **Carbone S**, Mauro AG, Mezzaroma E, Kraskauskas D, Ezouah P, Van Tassell BW, Abbate A, Toldo S. Effects of High-sugar diet on Cardiac Function and Glucose Metabolism in The Mouse. (ASPEN) Clinical Nutrition Week Conference (Orlando, FL) 2017. Poster presentation

**Acknowledgments and contribution(s)**

- 2011 "Italian Federation of Nutritional Societies (Fe.S.I.N.) position statement about ketogenic enteral nutrition (NEC) as a therapy for obesity". Contribution in collecting and analyzing the data to create the position statement. Published on: [http://www.sio-obesita.org/documenti/sio\\_306.pdf](http://www.sio-obesita.org/documenti/sio_306.pdf)
- 2011 "La dieta si fa contando i passi - meno diete più movimento" (Dieting counting step – Less dieting and more physical activity) by Eugenio Del Toma. Book. Second edition, November 2011. Edit by Il Pensiero Scientifico Editore. Contribution in collecting, analyzing and writing data.