

Curriculum Vitae

Carla Maria Avesani. orcid.org/0000-0002-4458-8358

Identification Brazilian. Italian Citizenship. Email: carla.avesani@ki.se

Bibliometric H-index: 23 (ISI web of Science); 32 (Google scholar);

Languages Native in Portuguese
Fluent in English
Basic knowledge in Italian
Studying Swedish, SAS level 1

Current occupation **Researcher**, Department of Clinical Science and Intervention, Division of Baxter Novum. Karolinska Institute – Since February 2018

Associate Professor, Department of Applied Nutrition, Nutrition Institute - Rio de Janeiro State University, - since August 2010 and currently on a license of absence.

Degree **Bachelor in Nutrition and Dietetics**
Pontifícia Universidade Católica de Campinas, Campinas –Brazil (March 1991 to December 1994)

Specialization in Clinical Nutrition - Nephrology (*Lato sensu* Graduate Program)

Federal University of São Paulo, São Paulo – Brazil (March 1996 to February 1996)

Master Degree in Nutrition

Federal University of São Paulo, São Paulo – Brazil (August 1996 to October 1998)

PhD in Nutrition

Federal University of São Paulo, São Paulo – Brazil (August 1999 to January 2004)

Training **Post-doc**

Karolinska Institutet - Department of Clinical, Science, Intervention and Technology
Divisions of Renal Medicine and Baxter Novum
Stockholm – Sweden (12 months between October 2005 to October 2006)

Supervision as main supervisor

PhD

1. Development of a food education program to patients on hemodialysis. Jessica Machado. Rio de Janeiro State University. Ongoing since August 2019.

2. Assessment of intramuscle fat by computed tomography in oncologic patients. Larissa Calixto. Rio de Janeiro State University. Ongoing since August 2019.

3. Assessment of food patterns in chronic kidney disease patients: Data from the Nutrition Healthy Survey (Brazil). Concluded in November of 2018. Rio de Janeiro State University.

4. Validation of methods to assess muscle mass and sarcopenia in clinical practice in patients in patients with colorectal cancer. Concluded in November of 2018. Rio de Janeiro State University.

5. Assessment of sarcopenia and muscle mass in nondialysis dependent CKD patients

by computed tomography. Concluded in July of 2017. Rio de Janeiro State University.
6. Nutritional assessment of elderly on hemodialysis. Concluded in July of 2016. Rio de Janeiro State University.

Master degree:

1. Assessment of sarcopenia in elderly living in a community in Stockholm. BioNut, Karolinska Institute, January-June 2019.
2. Development of food product to malnourished patients under chronic hemodialysis. Concluded in August of 2018. Rio de Janeiro State University.
3. Nutritional status and body composition assessment of patients with CKD and sickle cell disease. Concluded in July 2016. Rio de Janeiro State University.
4. Assessment of food pattern of ultraprocessed foods in elderly patients on hemodialysis. Concluded in July 2015. Rio de Janeiro State University.
5. Are changes in subjective global assessment and malnutrition inflammation score associated with changes objective parameters of nutritional status in elderly patients on hemodialysis? Concluded in July 2014. Rio de Janeiro State University.
6. Applicability of composite indices to assess protein energy wasting in elderly patients on hemodialysis. Concluded in July 2013. Rio de Janeiro State University.
7. Validation of the translation to Portuguese of the 7 point Subjective global assessment and Malnutrition inflammation index. Concluded in August 2013. Rio de Janeiro State University.
8. Accuracy of prediction equations to estimate resting energy expenditure of elderly patients on hemodialysis. Concluded in April 2012. Rio de Janeiro State University.
9. Sarcopenia in elderly patients on hemodialysis. Concluded in October 2012.
10. Impact of nutritional educational program on improving the adherence to low protein diet. Concluded in August 2011. Rio de Janeiro State University.
11. Reduction in low grade inflammation after body weight reduction in conservatively treated chronic kidney disease patients. Concluded in June 2010. Rio de Janeiro State University.
12. Assessment of protein intake by 4 day-food register, 24 h food recall and protein equivalent of nitrogen appearance in nondialyzed chronic disease patients following a low protein diet. Concluded in September 2010. Rio de Janeiro State University.

Participation as opponent in doctoral defenses

Participated in the examination board of 11 thesis for doctoral defense.
9 PhD thesis from Brazil (Federal University of Brasilia, Federal University of São Paulo, Federal University of Juiz de Fora, Rio de Janeiro State University, Oswald Cruz Foundation – FioCruz)
1 From Spain (Universidad de La Laguna)
1 from Australia (The University of Queensland)

Peer-reviewed Publications

76 publications

Book chapters and Books Published

2 books
22 book chapters

Participation in projects as principal investigator

Healthy diet rich in potassium containing fruits, vegetables and nuts to chronic kidney disease patients thought the use of sodium zirconium cyclosilicate: A Feasibility Study
Co-workers: Stenvinkel P (PI), Lindholm B, Qureshi A, Farxin-Irving G, Heimburger O. Ongoing Project.

or as project
coordinator

Nutritional assessment of muscle mass by computed tomography in predialysis chronic kidney disease patients

Co-workers: Kamimura MA, Cordeiro A, Giglio J, Bichels A. Concluded in 2018.

Nutritional assessment of elderly patients on hemodialysis

Co-workers: Lamarca F, Cordeiro J, Fetter R, Bigogno F, Kamimura M, Carrero JJ. Concluded in 2017.

Extension Project: Development of an action plan to prevent and treat patients with chronic kidney disease in Rio de Janeiro City.

Collaboration with the Rio de Janeiro Healthy Counsel. Concluded in 2017.

Determination of the energy expenditure and of the physical activity level in hemodialysis and peritoneal dialysis patients.

Co-workers:

Sweden: Irving GF, Carrero JJ, Axelsson J, Heimbürger O, Stenvinkel P, Lindholm B

Brazil: Cuppari L, Kamimura MA (Brazil)

France: Fouque D, Chauveau P

Multicentre project (Sweden, Brazil and France) Concluded in 2010.

**Leadership
and Service**

Research group leader within the Renal Unit, CLINTEC, Karolinska Institute, Sweden. Ongoing since May 2020.

Editorial Board: Journal of Renal Nutrition, ongoing since 2015. Journal of Nephrology, ongoing since May 2020.

Associate Council Member of the International Society of Nutrition and Metabolism in Renal Disease – 2008 to 2012

Vice Director of the Nutrition Institute, Rio de Janeiro State University – April 2016 until December 2017

Head of the Department of Applied Nutrition, Nutrition Institute, Rio de Janeiro State University – 2014 to 2016

Academic Coordinator of the Graduation Course in Nutrition, Food and Health, Nutrition Institute, Rio de Janeiro State University - 2011 to 2015

Events Coordinator of the Graduation Course in Nutrition, Food and Health, Nutrition Institute, Rio de Janeiro State University – 2015 to 2017

Coordinator of the Course in *Clinical Nutrition (for undergraduates)*, Nutrition Institute, Rio de Janeiro State University – 2010 to 2016

Coordinator of the Course in *Body composition and energy expenditure assessment (for master and PhD students)*, Nutrition Institute, Rio de Janeiro State University – 2012 to 2017

Coordinator of the Course in *Advances in Nutrition and non-communicable chronic diseases (for master and PhD students)*, Nutrition Institute, Rio de Janeiro State University – 2013 to 2017

eNCPT Translator: Academy of Nutrition and Dietetics - Chicago, Illinois

· Provide clinical and subject matter expertise to develop English to Portuguese translations of the Nutrition Care Process Terminology (NCPT), a standardized terminology globally utilized by nutrition and dietetics practitioners.

· Collaborate with expert panel of nutrition and dietetics practitioners to ensure linguistic and contextual accuracy of translations – Ongoing since 2017

Supervisor Dietitians getting their Degree as Specialists in Clinical Nutrition

(Residence Program for dietitians) at the Chronic Kidney Disease Outpatient Clinic from the University Hospital of the Rio de Janeiro State University – Brazil, from 2008

until 2014.

**Participation
as reviewer**

Clinical Nutrition
British Journal of Nutrition
Nephrology, Dialysis, Transplantation
Kidney International
American Journal of Kidney Disease
Seminar in Dialysis
Journal of Brazilian Nephrology
BMC Nephrology

**Grants
obtained as
principal
investigator**

Grant from FAPERJ (Brazilian Public Agency) for the research: Assessment of frailty in vulnerable groups

Ongoing since December 2015 – Value granted R\$ 180,000.00 (US\$ 54,550.00)

Grant from FAPERJ (Brazilian Public Agency) for the research: Nutritional assessment in the Interdisciplinary Laboratory of Nutritional Assessment

August 2014 until November 2015 – Value granted R\$ 54,000.00 (US\$ 16,360.00)

Grant from FAPERJ (Brazilian Public Agency) for the research: Longitudinal assessment of nutritional status of elderly patients on hemodialysis and its association with morbidity and mortality

January 2012 until June 2015 – Value granted: R\$ 75,600.00 (US\$ 22,909.00)

Grant from FAPERJ (Brazilian Public Agency) for the research: Nutritional assessment of elderly patients on hemodialysis

January 2011 until March 2012 - Value granted: R\$ 25,000.00 (US\$ 7,575.00)

Lecturers

Invited lecturer to >40 meetings and Conferences in Brazil and abroad

References

Bengt Lindholm, Head Baxter Novum, Adjunct Professor, Department of Clinical Science, Intervention and Technology, Karolinska Institute. Email: Bengt.Lindholm@ki.se

Peter Stenvinkel, Full Professor. Department of Clinical Science, Intervention and Technology, Karolinska Institute. **Email:** Peter.Stenvinkel@ki.se

Juan Jesus Carrero, Docent, Medical epidemiology and Biostatistics (MEB), Karolinska Institute. **Email:** Juan.Jesus.Carrero@ki.se

Lilian Cuppari, Affiliate Professor of Nephrology Division, Department of Medicine of Federal University of São Paulo. Supervisor of Nutrition of the Oswaldo Ramos Foundation-Kidney Hospital, São Paulo. **Email:** lcuppari@uol.com.br

Alison Steiber, Chief Science Officer. Research, International, and Scientific Affairs. Academy of Nutrition and Dietetics. **Email:** ASteiber@eatright.org

Carla Prado, Associate Professor \$ CAIP Chair in Nutrition, Food and Health. Department of Agricultural, Food and Nutritional Science – Division of Human Nutrition. University of Alberta. **Email:** carla.prado@ualberta.ca

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