**Priscilla Ceci Lages**

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**EDUCATION**

**Ph.D.– Microbiology, Immunology and Molecular Genetics**, current.

University of Kentucky, Lexington, KY, USA.

**Graduate Certificate in Hospital Nutrition**, 2022.

Albert Einstein Israeli Institute of Teaching and Research, São Paulo, SP, Brazil.

**Master in Nutrition and Health Science**, 2016.

Federal University of Minas Gerais (UFMG), Belo Horizonte, MG, Brazil.

**Bachelor’s in Nutrition**, 2012.

Federal University of Minas Gerais (UFMG), Belo Horizonte, MG, Brazil.

**PROFESSIONAL EXPERIENCE**

**Higher Education Institute of Brasilia (IESB) University Center, Brasília, DF, Brazil** (08/2019 – 07/2023)

Undergraduate Instructor:

Enteral and Parenteral Nutritional Therapy;

Food and Nutrition Education;

Applied Nutritional Practice;

Nutritional Genomics;

Immunonutrition and Immunology;

Pathophysiology;

Nutritional Therapy.

Academic advisor:

Help students develop in-depth ideas and format outlines for their theses;

Assess student progress through regular writing assignments;

Administered practical exercises, field/classroom activities and knowledge exams in order to assist students in meeting course objectives;

Provided guidance, technical direction and evaluated student progress with supervised internship in local hospitals;

Led students through practical activities like simulated case studies;

Supported group projects to help students develop problem-solving and collaboration skills.

**Brazilian Parenteral and Enteral Nutrition (BRASPEN) Journal** (12/2021)

Ad-Hoc Journal Reviewer

**Emergency Department Clinical Dietitian, Base Hospital, Brasília, DF** (08/2019–11/2019)

Assessed on-going nutritional status of patients to determine appropriate interventions and recommendations;

Provided recommendations and assessed for adequacy and appropriateness of enteral nutrition regimes for patients requiring nutritional support;

Used lab test results to determine better nutritional diet prescription;

Developed individualized medical nutritional therapy for oral and tube feeding patients during hospital stay;

Participated in patient care conferences, home rooms, and core team meeting;

Effectively communicated pertinent nutrition issues to medical team, nursing staff, and patient’s family.

**Clinical Dietitian, Head and Neck Cancer Outpatient Facility Center, Belo Horizonte, MG** (11/2014–02/2018)

Provided nutritional education and counseling based on individualized patient needs including nutrient requirements, background and abilities, medical, economic, and social situation;

Collaborated with other team members, as well as the patient/family, in the decision-making process, the implementation and monitoring of the nutritional care plans and goals to improve or maintain nutritional status;

Evaluated enteral feeding prescriptions including formula type, amount, administration and other parameters based on specific patient needs.

**ICU Clinical Dietitian, MEDIMIG Critical Care Center, Belo Horizonte, MG** (08/2012–03/2015)

Attended interdisciplinary ICU rounds and worked collaboratively with other health care professionals to implement nutrition interventions, and coordinate the nutrition care of the patient;

Provided recommendations and assessed for adequacy and appropriateness of enteral and parenteral nutrition regimes for patients requiring nutritional support;

Assessed on-going nutritional status of patients to determine appropriate interventions and recommendations;

Used lab test results to determine better nutritional diet to prescribe;

Developed individualized medical nutritional therapy for tube feeding patients during hospital stay;

Completed monthly calculation and evaluation of nutritional therapy quality indicators;

Evaluated enteral feeding prescriptions including formula type, amount, administration and other parameters based on specific patient needs.

**Graduate level Lecturer, Santa Casa Teaching and Research Institute** (2017-2018)

Graduate Lecturer for:

Use of prebiotics, probiotics and symbiotics in clinical practice;

Nutrient’s Metabolism;

Advised a student’s development of in-depth ideas and formatted outlines for her theses.

**Graduate level Lecturer, São Camilo Educational Center** (2017-2018)

Graduate Lecturer for “Immune system and immunonutrients”.

**Teaching Assistant, Federal University of Minas Gerais** (08/2011 – 12/2011)

Teaching assistant for Nutritional Therapy Course;

Provided group support to students regarding topics covered in class;

Prepared, administered and correct exams and essays.

**INTERNSHIPS**

**Flow cytometry** (06/2024)

Graduate research assistant for Flow cytometry and Immune Monitoring Facility Lab at University of Kentucky, Lexington, KY, US (40h).

Prepared the cytometer for data acquisition, identified fluorescence overlap, constructed compensation grid, analyzed fluorescent compensation, performed immunophenotyping assay for symphony flow cytometer, performed Flowjo analyses.

**Critical Care** (11/2011 – 07/2012)

Clinical dietitian assistant at Institute of Social Security for Servants of the State of Minas Gerais (IPSEMG) Hospital, Belo Horizonte, MG, Brazil;

Assisted inpatient nutritional assessment and diet prescription;

Assisted developing individualized medical nutritional therapy for tube feeding patients during hospital stay.

**Inflammatory Bowel Disease** (06/2010 – 06/2012)

Clinical dietitian assistant at Instituto Jenny de Andrade Faria - Hospital das Clínicas UFMG - Outpatient Facility Center, Belo Horizonte, MG, Brazil;

Assisted nutritional assessment, education and counseling based on individualized patient needs.

**Dietetics Service** (05/2011 - 07/2011)

Nutritionist assistant in food service at Luxemburgo Hospital, Belo Horizonte, MG, Brazil;

Develop and analyze inpatient satisfaction survey on soft/pasty food;

Developed and implemented protocol and technical cards to improve acceptance and intake of soft/pasty food.

**School Meals System** (03/2011 – 06/2011)

Nutritionist assistant at Municipal Department of Education. Conceição do Mato Dentro, MG, Brazil;

Developed and implemented continuing education training on food storage and stocking for school meal cooks;

Assessed nutritional status of school-age children for governamental annual report;

Managed purchase and distribution of food among the 30 schools in the city.

**RESEARCH EXPERIENCE**

**PI: Maria Isabel Toulson Davisson Correia, Federal University of Minas Gerais**

* Project “Impact of symbiotics use on the evolution of patients with upper airway and digestive tract cancer undergoing surgical treatment” (09/2014 – 07/2016).

Conducted a double-blind randomized clinical trial, in all stages from initiation to closure;

Fostered strong relationships with site personnel and internal team members, enhancing communications and study progress;

Facilitated 40+ patient enrollments in the clinical oncology study within the first and half year;

Collaborated with cross-disciplinary teams to ensure alignment of clinical activities;

Responsible for performing all trial activities and noting the results;

Responsible for retaining and organizing all trial permission slips and correspondence with trial participants;

Responsible for managing and analyzing human samples.

* Project “Nutritional profile of outpatients with diagnosis of Crohn's disease” (06/2010 – 06/2012).

Assisted in conducting certain parts of trials and collecting basic information;

Assisted in maintaining compliance with protocols covering patient care and clinical trial operations;

Collected data and followed research protocols, operations manuals and case report form requirements.

**PI: Jacqueline Isaura Alvarez-Leite, Federal University of Minas Gerais**

* Projects: “White tea (Camellia sinensis) reduces oxidative stress and triglycerides in mice with obesity induced by high fat”, “Effects of kefir on lipid profile, oxidative stress and atherosclerosis in apolypoprotein-deficient mice” and “Effect of pequi oil (*Caryocar brasiliense*) on atherosclerosis in rLDL-/-mice” (09/2008 – 07/2009).

Research assistant in an experimental nutritional biochemistry lab with an emphasis on lipid metabolism;

Responsible for mice basic care and high lipid diet production;

Collected data and followed research protocols;

Assisted in animal sacrifice and tissue harvesting;

Assisted in performing sample preparation, data collection, and analysis in the lab experiments.

**SCHOLARSHIPS AND AWARDS**

**Graduate Research Assistantship (2014), R$36000**

Minas Gerais Research Foundation (FAPEMIG), Belo Horizonte, MG, Brazil.

**Undergraduate Research Assistantship (2008), R$3200**

Brazilian National Council for Science and Technological Development (CNPq), Brazil.

**2015 Honorable Mention Award**

“Brant Paes Leme Award”, Brazilian College of Surgeons, Rio de Janeiro, RJ, Brazil.

**JOURNAL PUBLICATIONS**

Neff RJ, Lages PC, Donworth SK, Brien JD, Radka CD (2024). Independent evolution of oleate hydratase clades in Bacillales reflects molecular convergence. *Front Mol Biosci*, 12(11), 1485485. doi: 10.3389/fmolb.2024.1485485.

Lages PC, Generoso SV, & Correia MI. (2017). Postoperative symbiotic in patients with head and neck cancer: A double-blind randomised trial. *British Journal of Nutrition*, 119(2), 190–195. https://doi.org/10.1017/s0007114517003403

Generoso S V, Lages PC, & Correia MITD. (2016) Fiber, prebiotics, and diarrhea. *Current Opinion in Clinical Nutrition and Metabolic Care*, 19, 388-393. https://doi.org/10.1097/MCO.0000000000000311.

Lages PC, Ribeiro RC, & Soares LS. (2013) Gastronomy as a proposal for dietary qualification of pasty hospital meals: analysis, intervention and evaluation (in Portuguese). *Brazilian Journal of Food and Nutrition*, 24(1), 93-9. ISSN 2179-4448. <http://serv-bib.fcfar.unesp.br/seer/index.php/alimentos>

Jascolka TL, Aguilar EC, Teixeira LG, Lages PC, de Cássia Raimundo I, et al. (2013) Kefir Supplementation Improves Lipid Profile and Oxidative Stress but does not Reduce Atherosclerotic Lesion in apoE Deficient Mice. *Journal of Food and Nutritional Disorders,* 2:3. doi:10.4172/2324-9323.1000113

Aguilar EC, Jascolka T L, Teixeira, LG, Lages, PC, Ribeiro, AC, Vieira, EL, Peluzio, MC, & Alvarez-Leite JI. (2012). Paradoxical effect of a pequi oil-rich diet on the development of atherosclerosis: balance between antioxidant and hyperlipidemic properties. *Brazilian journal of medical and biological research = Revista Brasileira de Pesquisas Medicas e Biologicas*, 45(7), 601–609. https://doi.org/10.1590/s0100-879x2012007500074

Teixeira LG, Lages PC, Jascolka TL, Aguilar EC, Soares FLP, Pereira SS, Beltrão NRM, Matoso R O, Nascimento AM, Castilho RO, Leite JIA. (2012) White tea (Camellia sinensis) extract reduces oxidative stress and triacylglycerols in obese mice. *Food Science and Technology*, 32, 733-741. https://doi.org/10.1590/S0101-20612012005000099

**BOOK CHAPTERS PUBLICATIONS**

Lages PC, Correia MITD. (2020) Prebiotics, probiotics and symbiotics in surgery. IN: ACERTO Project: Acceleration of Full Postoperative Recovery (in Portuguese). Rubio. ISBN-13978-8584111336

Lages PC, Leal JA, Pereira SS. (2020) Pathophysiology and nutritional therapy of critical patient. IN: Nutrition Pathophysiology and Nutritional Therapy (in Portuguese). Rubio. ISBN-13978-8584111398

Leal JA, Lages PC**.** (2015) Nutrition for Skin Wounds IN: Aesthetic Dermatology - Aesthetic Medicine and Surgery (in Portuguese). Medbook. ISBN-13 978-8583690061

**CONFERENCE TALKS**

Lages, Priscilla Ceci. (2019, October). Prebiotics and probiotics [Conference presentation]. IV Conference from School of Health and Medicine of Catholic University of Brasilia (UCB), Brasilia, DF, Brazil

Lages, Priscilla Ceci. (2017, July). The role of the microbiota in obesity [Conference presentation]. Obesity Vacation’s Course of Federal University of Minas Gerais, Belo Horizonte, MG, Brazil

Lages, Priscilla Ceci. (2017, June). Prebiotics and probiotics: why and when to use them [Conference presentation]. Research and Extension Seminar of University Center of Belo Horizonte (UNIBH), Belo Horizonte, MG, Brazil

Lages, Priscilla Ceci. (2016, November). Synbiotics utilization on clinical practice [Conference presentation]. IX Brazilian Academy of Dermatology Conference, Belo Horizonte, MG, Brazil

Lages, Priscilla Ceci. (2016, October). Prebiotics and probiotics: why and when to use them [Conference presentation]. IV Health Regional Conference of Life Science School, Sete Lagoas, MG, Brazil

Lages, Priscilla Ceci. (2016, June). Prebiotics and probiotics: why and when to use them [Conference presentation]. Come Study Nutrition Conference (VEM) of Pitagoras School, Belo Horizonte, MG, Brazil

Lages, Priscilla Ceci. (2015, November). Clinical practice on nutritional therapy in critical care [Conference presentation]. I Applied Clinical Nutrition Conference of Federal University of Viçosa, Viçosa, MG. Brazil

Lages, Priscilla Ceci. (2015, October). Nutritional management of patients with mouth cancer and mucositis [Conference presentation]. Mouth and Oropharynx Cancer Conference of School of Medicine of Federal University of Minas Gerais, Belo Horizonte, MG, Brazil

Lages, Priscilla Ceci. (2015, October). Clinical practice on nutritional therapy [Conference presentation]. Center for Studies in Clinical Nutrition (NENUCLI) Conference of Federal University of Lavras, Lavras, MG, Brazil

Lages, Priscilla Ceci. (2015, October). Kefir intake effect on oxidative stress and atherosclerosis in knockout LDL receptor mice [Conference presentation]. XVII Scientific Sessions of the Inter-American Society of Hypertension in Brazilian Hypertension Society Conference, Belo Horizonte, MG, Brazil