

Cristina Maria Persa, MD (RO), MS, ND

Education

Doctor of Naturopathic Medicine, June 2013

Bastyr University, Kenmore, WA, 2009-2013

Completed an accredited program of coursework and supervised clinical practice in Naturopathic Medicine including the modalities of botanical medicine, nutrition, homeopathy, minor surgery, IV therapy, naturopathic manipulation techniques, hydrotherapy and clinical counseling.

Elective courses:

- Fundamentals of Ayurvedic Medicine (Shailinder Sodhi, ND)
- Clinical Applications and Formulations in Bot Med (Deborah Frances, R.N., ND)
- Foundations of Aromatic Medicine (Trinity Ava, Herbalist)
- Physics and Biology of Consciousness (Leanna Standish, PHD, ND, FABNO)
- Emunctorology (Paul Anderson, ND)
- Introduction to Human Nutrition (Elizabeth Kirk, PhD)
- Standards of Care (Matt Brignall, ND)
- IV Therapy: form, compounding and safety considerations; the course included an additional eight hours of lab practicing setting up the IV line using the catheter (Paul Anderson, ND)
- Chronic Diseases: Assessment & Management of Patients with Chronic Neurological, Autoimmune & Related Conditions (Paul Anderson, ND)

Preceptorships:

- Bill Caradonna, RPh, ND, Naturopathic Family Medicine, 20 hours, 20 patients
- Barbara S. Mendrey, MD, General Practice, 21 hours, 66 patients
- Chad Aschtgen, ND, FABNO, Integrative Oncology, 62 hours, 41 patients
- Mark Gignac, ND, FABNO, Seattle Cancer Treatment and Wellness Center, Renton, WA, Integrative Oncology, 46 hours, 26 patients
- Cancer Treatment Centers of America, Zion, IL, Integrative Oncology, 36 hours, 26 patients
- Kristen Knox, MD, MPH, ABIHM, Integrative Family Practice, 90 hours, 112 patients
- Stephen Wangen, ND, IBS Treatment Center, 9 hours, 12 patients
- Richard Neiman, MD, Rheumatology and Internal Medicine, 12 hours, 36 patients

Master of Science (in Medical Sciences Interdisciplinary Areas), December 2003

University of Nebraska Medical Center, Omaha, NE 2001-2003

- Completed coursework in: graduate survey of biochemistry, molecular genetics, proteins, enzymes, genome dynamics and gene expression, biomolecules and metabolism, immunology
- Research Thesis: The Presence of Cystathionine Beta Synthase in the Eye

Doctor of Medicine, September 1996

University of Medicine and Pharmacy, "Iuliu Hatieganu", Cluj Napoca, Romania 1990-1996

- Completed 6 years of studies in the major medicine, specialization general medicine.
- Diploma Thesis: Immunological Applications in Gastritis

Bachelor of Science, Mathematics and Physics, June 1989

National College "Emil Racovita", Cluj Napoca, Romania 1984-1989

Related Experience

Bastyr University, Kenmore, WA, April 2012- August 2013

Teaching Assistant, Cardiology

University of Arizona, Department of Ophthalmology, Tucson, AZ, 2003-2005

Research Associate

- Conducted lab experiments to support the implication of myocillin in the pathophysiology of the primary open-angle glaucoma (POAG)

University of Nebraska Lincoln, Lincoln, NE 2001-2003

Research Assistant

- Conducted lab experiments to help elucidate the biochemical mechanisms of senile cataract formation, with the emphasis in the oxidation damage and repair of the lens proteins/enzymes.

Adult Clinical Hospital, Cluj Napoca, Romania 1997-2000

Resident physician, Clinical Pathology

- Received training in Clinical Biochemistry, Immunopathology, Microbiology, Hematology, Pathology and Parasitology.

"I. Cantacuzino" Institute, Bucharest, Romania, Summer 1999

Resident physician

- Received training in Immunopathology and Microbiology.

Additional Relevant Information

Publications

- **Persa C**, Osmotherly K, Chao Wei-Chen K, Moon S, Lou MF. The distribution of cystathionine beta-synthase (CBS) in the eye: implication of the presence of a transsulfuration pathway for oxidative stress defense. *Experimental Eye Research*. 2006;83(4):817-23 C.
- **Persa C**, A. Pierce, Z. Ma, O. Kabil, MF Lou. The presence of transsulfuration pathway in the lens: a new oxidative stress defense system. *Experimental Eye Research*. 2004;79 (6):875-886.
- Patiu M, Olaru D, **Persa C**. The myelodysplastic syndromes: pathogenesis, diagnostic and prognostic. *The Med.J. Arad* 2000; 3:67-70.

Presentations & Posters

- W.D. Stamer, **C. Persa**, B.S. McKay. Targeting of myocilin to nascent intercellular junctions. XV International Congress of Eye Research, Sydney, Australia, August 2004.
- **Persa C**, Moon SC, Lou MF. The distribution of transsulfuration enzyme, cystathionine beta-synthase (CBS), in the eye. Association for Research in Vision and Ophthalmology, Ft. Lauderdale, FL, May 4-9, 2003.
- M.F. Lou, Z. Ma, **C. Persa**. The transsulfuration pathway in the lens. Association for Research in Vision and Ophthalmology, Ft. Lauderdale, FL, May 4-9, 2003.
- **Persa C**, Lou FM. The transsulfuration pathway in the lens. Midwest Student Biomedical Research Forum, Omaha, NE, February 22-23, 2003.
- **Persa C**, Baldea L, Cristea A. The diagnostic and prognostic value of the SDS-PAGE of urinary proteins. 5th Conference of the Romanian Society of Clinical Laboratory, Bucharest, Romania, October, 1998.

Professional Memberships

- American Association for Naturopathic Physicians (AANP), 2010- present
- American Holistic Medical Association (AHMA), 2013-present

Conferences & Events

- Attendee, OncANP, Naturopathic Oncology Conference, Scottsdale, AZ, February 2012
- Participant in lobbying in Washington, DC as part of the AANP's federal legislative initiative, May 2010

Awards

- Bastyr University Graduate Scholarship, 2009

Board Certifications

- Washington State Board Licensed Naturopathic Physician (NT 60417517)

Languages

- Native Romanian