



**Cristiane Monteiro da Cruz** holds a Bachelor degree in Biological Sciences from Federal University of Rio de Janeiro (UFRJ, Brazil) (2000) and a Master degree in Biophysics from the Instituto de Biofísica Carlos Chagas Filho (IBCCF-UFRJ) (2003). She holds a PhD at University of California, California, USA, in collaboration with the UFRJ (2006) in Applied Immunology field focusing on cell signaling. She worked as a postdoctoral fellow at the University of California (2007) addressing the immune response to *Chlamydia trachomatis* infection and modulation of the pro- and anti-inflammatory response. In 2008, she started working as a Northern Customer Service Manager at Merck-Millipore Molsheim in France and a member of Phase 3 and 4 Pharmaceutical Release. She acts as Professor and Coordinator at Aggression and Defense Module at Cesmac University Center and Unit. Cristiane is a Tutor of the League of Applied Immunology at the Cesmac Medical Clinic (LAIM) and in the Pain League of the State University of Health Sciences of Alagoas, Brazil (UNCISAL). She also collaborates at the Institute of Biological Sciences of the Federal University of Alagoas (ICBS-UFAL) for immunology projects. Her research approach is on neglected diseases such as arbovirus and schistosomiasis, autoimmune diseases, allergy and cellular signaling, seeking the development of effective public policy practices. Due to her training in England (2010) in Coaching, she also develops a Professional Mentoring and Development program through the Awakening Success Program based on communication, focus, development and implementation of specific actions to generate expected results.

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**Seminario:** Fighting Sickness with Immunology knowledge.

**Resumen:** Homeostasis occurs due to different molecules interaction controlling the neuro-immune-endocrine systems. The Immune System takes an important role on cytokine releasing, cell proliferation and death as well as defense. Although highly regulated, Immune system can be misleded by gene expression disruption, infections and mutations. This seminar will endure how the Immune System understanding helps to control autoimmune diseases and induce people health quality improving.