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### Education and Training

- 2004-2007 B.Ed., Biology, Universidade Estadual Paulista, São José do Rio Preto, Brazil
- 2007-2008 B.Sc., Biology, Universidade Estadual Paulista, São José do Rio Preto, Brazil
- 2008-2010 M.Sc, Genetics, Universidade Estadual Paulista, São José do Rio Preto, Brazil
- 2010-2014 Ph.D, Genetics, Universidade Estadual Paulista, São José do Rio Preto, Brazil
- 2016-2018 Post-doctoral researcher, Universidade de Campinas, Campinas Brazil
- 2018- Post-doctoral researcher, IHMT/Universidade Nova de Lisboa, Lisboa, Portugal

### Research/ Clinical Keywords

Parasites, Plasmodium, antimalarials, genomics, immunogenetics

### Highlighted Publications

- Pippione AC, Sainas S, Goyal P, Fritzson I, **CASSIANO GC**, Giraudo A, Giorgis M, Tavella TA, Bagnati R, Rolando B, Caing-Carlsson R, Costa FTM, Andrade CH, Al-Karadaghi S, Boschi D, Friemann R, Lolli ML. Hydroxyazole scaffold-based Plasmodium falciparum dihydroorotate dehydrogenase inhibitors: Synthesis, biological evaluation and X-ray structural studies. *Eur J Med Chem.* 163:266-280, 2019.
- Lima MNN, Melo-Filho CC, **CASSIANO GC**, Neves BJ, Alves VM, Braga RC, Cravo PVL, Muratov EN, Calit J, Bargieri DY, Costa FTM, Andrade CH. QSAR-Driven Design and Discovery of Novel Compounds With Antiplasmodial and Transmission Blocking Activities. *Front Pharmacol.* 9:146, 2018.
- Bittencourt NC, Leite JA, Silva ABIE, Pimenta TS, Silva-Filho JL, **CASSIANO GC**, Lopes SCP, Dos-Santos JCK, Bourgard C, Nakaya HI, da Silva Ventura AMR, Lacerda MVG, Ferreira MU, Machado RLD, Albrecht L, Costa FTM. Genetic sequence characterization and naturally acquired immune response to Plasmodium vivax Rhoptry Neck Protein 2 (PvRON2). *Malar J.* 17(1):401, 2018.
- Bitencourt Chaves L, Perce-da-Silva DS, Rodrigues-da-Silva RN, Martins da Silva JH, **CASSIANO GC**, Machado RL, Pratt-Riccio LR, Banic DM, Lima-Junior JD. Plasmodium vivax Cell Traversal Protein for Ookinetes and Sporozoites (PvCeTOS) gene sequence and potential epitopes are highly conserved among isolates from different regions of Brazilian Amazon. *PLoS Negl Trop Dis.* 11(2):e0005344, 2017.

- **CASSIANO GC**, Furini AA, Capobianco MP, Storti-Melo LM, Almeida ME, Barbosa DR, Póvoa MM, Nogueira PA, Machado RL. Immunogenetic markers associated with a naturally acquired humoral immune response against an N-terminal antigen of Plasmodium vivax merozoite surface protein 1 (PvMSP-1). *Malar J.* 15:306, 2016.
- Furini AA, **CASSIANO GC**, Petrolini Capobianco M, Dos Santos SE, Dantas Machado RL. Frequency of TNFA, INFG, and IL10 Gene Polymorphisms and Their Association with Malaria Vivax and Genomic Ancestry. *Mediators Inflamm.* 2016:5168363, 2016.
- **CASSIANO GC**, Furini AA, Capobianco MP, Storti-Melo LM, Cunha MG, Kano FS, Carvalho LH, Soares IS, Santos SE, Póvoa MM, Machado RL. Polymorphisms in B Cell Co-Stimulatory Genes Are Associated with IgG Antibody Responses against Blood-Stage Proteins of Plasmodium vivax. *PLoS One.* 11(2):e0149581, 2016.
- Ribeiro B de P, **CASSIANO GC**, de Souza RM, Cysne DN, Grisotto MA, de Azevedo dos Santos AP, Marinho CR, Machado RL, Nascimento FR. Polymorphisms in Plasmodium vivax Circumsporozoite Protein (CSP) Influence Parasite Burden and Cytokine Balance in a Pre-Amazon Endemic Area from Brazil. *PLoS Negl Trop Dis.* 10(3):e0004479, 2016.
- **CASSIANO GC**, Santos EJ, Maia MH, Furini Ada C, Storti-Melo LM, Tomaz FM, Trindade PC, Capobianco MP, Amador MA, Viana GM, Póvoa MM, Santos SE, Machado RL. Impact of population admixture on the distribution of immune response co-stimulatory genes polymorphisms in a Brazilian population. *Hum Immunol.* 76(11):836-42, 2015.
- **CASSIANO GC**, Storti-Melo LM, Póvoa MM, Galardo AK, Rossit AR, Machado RL. Development of PCR-RFLP assay for the discrimination of Plasmodium species and variants of P. vivax (VK210, VK247 and P. vivax-like) in Anopheles mosquitoes. *Acta Trop.* 118(2):118-22, 2011.

### **Other indicators of scientific activity**

Papers published: 21

Completed supervisions: 02

Web of Science –

Citations: 97

H-Factor: 6

**Researcher ID:** <http://www.researcherid.com/rid/G-5728-2013>