Summary: Graduate at Biological Sciences from University of Brasília-Brazil (1993), master's at Molecular Biology from University de Brasília-Brazil (1997) and Ph.D. at Neurosciences from Tulane University-USA (2005). Has experience in: 1) Physiology research, focusing on Neurophysiology, acting on the following subjects: endocannabinoids, glucocorticoids, leptin, hypothalamus, homeostasis control; 2) Medical research: medicinal use of cannabinoids; and in inclusive education: assistive technology for people with ASD.

Civil name

Full name Renato Jose Rodrigues Malcher Lopes (Malcher-Lopes, R.)

Formal Education

1999 - 2005 Doctorate in Neurosciences (Neurobiology).
Tulane University, TULANE, New Orleans, United States
Title: Cross talk between leptin and glucocorticoids rapidly controls endocannabinoid release
hypothalamus., Year of degree: 2005
Advisor: Jeffrey Tasker
Scholarship from : Tulane University

1994 - 1997 Masters in General Biology.
Universidade de Brasília, UnB, Brasília, Brazil
Title: Cloning and partial characterization of a cDNA coding for elongation factor 1-a from Tric
Advisor: Marilene Vainstein
Scholarship from : Coordenação de Aperfeiçoamento de Pessoal de Nível Superior

1990 - 1993 Under-Graduation in Biological Sciences.
Universidade de Brasília, UnB, Brasília, Brazil
Scholarship from : Conselho Nacional de Desenvolvimento Científico e Tecnológico

Postdoctorate

2007 - 2008 Postdoctorate .
Embrapa Recursos Genéticos e Biotecnologia, CENARGEN, Brazil
Scholarship from : Conselho Nacional de Desenvolvimento Científico e Tecnológico

2005 - 2006 Postdoctorate .
Ecole Polytechnique Fédérale de Lausanne, EPFL, Lausanne, Switzerland
Scholarship from : Ecole Polytechnique Fédérale de Lausanne

Professional Experience

1. Universidade de Brasília - UnB

Contract institutional

2009 - Current

2. Universidade Católica de Brasília - UCB/DF

2009 - 2009 Position: Professor-researcher at the Genomic Sciences and Biotechnology Graduating Program.

3. Embrapa Recursos Genéticos e Biotecnologia - CENARGEN

Contract institutional

2007 - 2009 Contract: Post-doc position
Supervision by Carlos Bloch Jr.

Activities

11/2007 - Current Research and Development, Laboratório de Espectrometria de Massa

4. Ecole Polytechnique Fédérale de Lausanne - EPFL

Contract institutional

2005 - 2006 Contract: postdoctoral fellow under supervision of Henry Marcram

Activities

09/2005 - 11/2006 Research and Development, Brain Mind Institute

5. Tulane University - TULANE

Contract institutional

2005 - 2005 Contract: postdoctoral fellow Under supervision of Jeffrey Tasker

6. Rockefeller University - RU

Contract institutional

1997 - 1999 Position: Research Assistant at the Laboratory of Animal Behavior

Activities

11/1997 - 09/1999 Specialized Technician Service

Specification:
Cloning and caracterization of genes related to learning in birds

Bibliographic Production

Articles Published in Scientific Journals

1. FLEURY-TEIXEIRA, PAULO; CAIXETA, FABIO VIEGAS; RAMIRES DA SILVA, LEANDRO CRUZ; BRA
2019.
Effects of CBD-Enriched Cannabis sativa Extract on Autism Spectrum Disorder Symptoms: An Observational Study
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2. FREITAS, HÉRCULES REZENDE; ISAAC, ALINNY ROSENDO; **MALCHER-LOPES, RENATO**; DIAZ, BR
RICARDO AUGUSTO. 2017.
Polyunsaturated fatty acids and endocannabinoids in health and disease In NUTRITIONAL NEUROSCIENCE. , v.7

3. FISCHER, BENEDIKT; KUGANESAN, SHARAN; GALLASSI, ANDREA; **MALCHER-LOPES, RENATO**; VA
Addressing the stimulant treatment gap: A call to investigate the therapeutic benefits potential of cannabinoids for c
1177-1182

4. **MALCHER-LOPES, RENATO**. 2014.
Canabinoides ajudam a desvendar aspectos etiológicos em comum e trazem esperança para o tratamento de autis

5. **Malcher Lopes, R**. 2014.
Maconha, a mais antiga revolução da medicina. In Revista Jurídica Consulex. , v.18, 26

6. MATSUMOTO, JUMPEI; URAKAWA, SUSUMU; TAKAMURA, YUSAKU; **MALCHER-LOPES, RENATO**; H
HISAO. 2013.
A 3D-Video-Based Computerized Analysis of Social and Sexual Interactions in Rats In Plos One. , v.8, e78460

7. RIBEIRO, S.; **Malcher Lopes R.**; MENEZES, J.. 2012.
Drogas e Neurociências In Boletim IBCCRIM. , v.20, 15-~17

8. **Malcher-Lopes R**; Marcelo Buzzi. 2009.
Glucocorticoid-regulated crosstalk between arachidonic acid and endocannabinoid biochemical pathways coordina
adaptations to stress. In Vitamins and Hormones. , v.81, 263-313

9. **Malcher-Lopes, R.**; Alier Franco; Tasker, J. G.. 2008.
Glucocorticoids shift arachidonic acid metabolism toward endocannabinoid synthesis: a non-genomic anti-inflamma
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10. **Malcher-Lopes, R.**. 2006.
Opposing Crosstalk between Leptin and Glucocorticoids Rapidly Modulates Synaptic Excitation via Endocannabino

11. Tasker, J. G.; DI, S.; **Malcher-Lopes, R.**. 2006.
Rapid Glucocorticoid Signaling via Membrane-Associated Receptors In ENDOCRINOLOGY. , v.147, 5549-5556

12. **TASKER, J. G.**. 2005.
Rapid Central Corticosteroid Effects: Evidence for Membrane Glucocorticoid Receptors in the Brain In Integrative a

13. Tasker, J. G.; DI, S.; **Malcher-Lopes, R.**. 2005.
Rapid Glucocorticoid-Mediated Endocannabinoid Release and Opposing Regulation of Glutamate and -Aminobuty
Endocrinology (Philadelphia). , v.146, 4292-4301

14. DI, S.; **Malcher-Lopes, R.**; halmos, K.Cs; Tasker, J. G.. 2003.
Non-genomic glucocorticoid inhibition via endocannabinoid release in the hypothalamus: a fast feedback mechanis