

Cristiane Alves, PhD

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PERSONAL INFORMATION

Address:

260 Lawrence Hill Road
11724 NY

EDUCATION

2011-2015 PhD in Genetics - UNESP (São Paulo State University) - Biosciences Institute - Genetics Department, advisor: Prof. Dr. Fabio T S Nogueira.

Abroad Experience:

March to June 2014 - Scientist Visitor - Huntsman Cancer Institute - University of Utah - Cairns Lab

July to December 2014 - Grad Student Visitor - Cold Spring Harbor Laboratory - Timmermans Lab

2008-2010 MSc. in Genetics - UNESP (São Paulo State University) - Biosciences Institute - Genetics Department

2005-2006 B.Sc. in Biological Sciences - UNESP (São Paulo State University) - Biosciences Institute - Genetics Department

2001-2005 Licenciateship in Biological Sciences - UNESP (São Paulo State University) - Biosciences Institute - Genetics Department

AWARDS

2008-2010 - CAPES - Master's Scholarship

2011-2012 - CAPES - PhD's Scholarship

2012-2015 - FAPESP - PhD's Scholarship

2014-FAPESP - BEPE - Scholarship for abroad internship

2016-2017 - CAPES - Postdoc Fellowship

JOURNAL REVIEWER

International Letters of Natural Sciences

Gene Reposts

BMC Genomics

F1000

SELECTED CONFERENCES POSTERS

Morea, EGO ; VASCONCELOS, EJR; **ALVES, Cristiane S**; Azzalin, CA; Myler, P; Cano, MIN. **Expression of Telomeric Repeat-containing RNA (TERRA) at Leishmania spp. chromosome ends.** In: EMBO Workshop: Nuclear function and cell fate choice, 2016, Kyllini.

EMBO Workshop Nuclear function and cell fate choice, 2016.

Alves, Cristiane S, Khoddami, V., Dotto, M., Cairns, B., Timmermans, M., Nogueira, FTS

Discovering the enigmatic DNMT2 in Arabidopsis thaliana: more than a tRNA cytosine methyltransferase In: 26th International Conference on Arabidopsis Research, 2015, Paris.

26th International Conference on Arabidopsis Research. , 2015.

Alves, Cristiane S, Pinoti, FV, Vicentini, R., Nogueira, FTS

Possible pathways for tRNA-derived small RNAs in plants In: Keystone Symposia meeting on RNA Silencing, 2013, Whistler.

Keystone Symposia meeting on RNA Silencing. , 2013.

Alves, Cristiane S, Pinoti, FV, Nogueira, FTS

Evidences for biogenesis pathway of tRNA-derived fragments (tRFs) in plants In: MicroRNA 2012 Internacional Symposium, 2012, São Paulo.

MicroRNA 2012 Internacional Symposium. , 2012.

Alves, Cristiane S, Capannacci, J, Hokama, POM, Colturato, VAR, Pardini, MIMC

Mutation Detection in bcr/abl Gene in Patients with Chronic Myeloid Leukemia Resistant to Imatinib Mesilat In: III Encontro de Pós-Graduação da Faculdade de Medicina de Botucatu - UNESP, 2007, Botucatu.

LANGUAGE SKILLS

Portuguese - native

English - fluent

RESEARCH EXPERIENCE

2018 - Post Doc Fellow - Rob Martienssen - CSHL - Plant Biology

2015- 2017 Post Doc Fellow - Maria Isabel N Cano- UNESP (São Paulo State University) - Bioscience Institute - Genetics Department

2011-2015 Graduate Fellow (Ph.D in Genetics) - UNESP (São Paulo State University) - Bioscience Institute - Genetics Department

2014 - Scientist Visitor - Huntsman Cancer Institute - University of Utah

2014 - Grad Student Visitor - Cold Spring Harbor Laboratory

2008-2010 Graduate Fellow (M.Sc in Genetics) - UNESP (São Paulo State University) - Bioscience Institute - Microbiology and Parasitology Department

2007-2008 Professional improvement (Incomplete). Blood Center - Botucatu Medical School - UNESP (São Paulo State University)

2003-2006 Internship, undergraduate. UNESP (São Paulo State University) - Bioscience Institute - Genetics Department

STUDENTS TRAINING

Undergrad

Technical:

2017 Jan - Mario Jorge B. Velarde Filho

2017 Jan - Natália de Moraes Marinho

Scientific Initiation:

2016 - 2017 - Marina Roveri Vieira

Undergraduate Research Program (URP) - Mentor:

Summer 2018 - Sterling Evans

Master

Co-advisor

2017 - 2019 (predicted) - Marina Roveri Vieira

SCIENTIFIC COMMUNICATION

Website: "Ciência na Medida" <http://www.ciencianamedida.com.br>

Editor and Reviewer: "Ciência na Medida" <http://www.ciencianamedida.com.br>

Texts: <http://www.ciencianamedida.com.br/2017/07/desvendando-clonagem.html>

http://cienciaformativa.com.br/pt_BR/telomeros-as-extremidades-que-regulam-a-vida/

<http://www.ciencianamedida.com.br/2017/09/aprendendo-mais-sobre-doenca-com-o-jogo.html>

<http://www.ciencianamedida.com.br/2017/10/aids-sera-que-cura-esta-proxima.html>

<http://www.ciencianamedida.com.br/2017/11/colonizacao-espacial-um-sonho-que-se.html>

PUBLICATION

Research Papers:

Alves, Cristiane S; Vicentini, Renato; Duarte, Gustavo T; Pinoti, Vitor F; Vincentz, Michel; Nogueira, Fabio TS. (2017)

Genome-wide identification and characterization of tRNA-derived RNA fragments in land plants. In Plant Mol Biol. 93:35. doi:10.1007/s11103-016-0545-9

Domingues, Douglas S; Cruz, Guilherme MQ; Metcalfe, Cushla J; Nogueira, Fabio TS; Renato Vicentini; **Alves, Cristiane S;** Van Sluys, Marie-Anne. (2012)

Analysis of plant LTR-retrotransposons at the fine-scale family level reveals individual molecular patterns In BMC Genomics. , v.13, 137.

Book Chapters:

Antoine L. F. Gady, **Cristiane S. Alves**, Fabio T.S. Nogueira.

Epigenetics in plant reproductive development: An overview from flowers to seeds. In: Plant Epigenetics - Springer - Part of the series RNA Technologies pp 329-357.

Pereira, TC; **ALVES, Cristiane S**; Silva, GFF; Ortiz-Morea, FA; Nogueira, FTS.

Mecanismos de ação de microRNAs. In: MicroRNAs - o mundo dos pequenos RNAs. Tiago Campos Pereira. (Org.). 1ed.: SOCIEDADE BRASILEIRA DE GENÉTICA, 2015, p. 95-114, São Paulo, Brasil.

Nogueira, FTS; **ALVES, Cristiane S**; Ferreira, PC.

RNA activation e outros efeitos mediados por dsRNA. In: Introdução à Técnica de Interferência por RNA - RNAi. Tiago Campos Pereira. (Org.). 1ed.: SOCIEDADE BRASILEIRA DE GENÉTICA, 2013, p. 101-115, São Paulo, Brasil.

ALVES, Cristiane S; Nogueira, FTS

Fragmentos derivados de tRNA (tRFs e tiRNAs). In: Introdução ao universo dos non-coding RNA. Tiago Campos Pereira. (Org.) ISBN 978-85-89265-25-6. Editora da Sociedade Brasileira de Genética, 2017, São Paulo, Brasil

LIST OF REFERENCES

Dr Robert Martienssen

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Cold Spring Harbor Laboratory

Dr Fabio T S Nogueira

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Universidade de São Paulo, Instituto de Ciências Biológicas

Dr Marja Timmermans

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University of Tübingen, Center for Plant Molecular Biology - ZMBP, Developmental Genetics