
CURRICULUM VITAE

Wellingson Assunção Araújo

Ph.D. Candidate in Genetics and Plant Breeding

Statistical Genetics Laboratory

Departament of Genetics, Luiz de Queiroz College of Agriculture University of São Paulo (ESALQ - USP)

Pádua Dias Ave, 11. PO box 83. Piracicaba, SP, Brazil. Zip Code 13400-970

Phone Number: +55 19 98421-5401

Date of Birth: November 30, 1991, São Luis, MA.

EMAIL: wellingson.araujo@usp.br

WEB PAGE: <https://wsaraujo.github.io/>

LATTES: <http://lattes.cnpq.br/1557919698222512>

LAB: <http://statgen.esalq.usp.br>

1 Formation

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| 2007-2009 | Agricultural Technician, Federal Institute of Science and Technology of Maranhão, IFMA |
| 2010-2016 | Agronomist, Federal University of Viçosa, UFV |
| 2016-2018 | Master in Genetics and Breeding, Departament of Agronomy, Federal University of Viçosa UFV |
| 2019-2020 | MBA in Project Management, Luiz de Queiroz College of Agriculture University of São Paulo (ESALQ - USP) |
| 2018-2022 | PhD Candidate in Genetics and Plant Breeding, Departament of Genetics, Luiz de Queiroz College of Agriculture University of São Paulo (ESALQ - USP) |

2 Professional History

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| 09/2011-
07/2014 | Researcher - Scientific Initiation - Scholarship Executing Activities in the project - Biotechnology and genomics applied to the genetic improvement of sugarcane. Department of Agronomy / Fruit Sector / Tissue Culture Laboratory - UFV. |
| 08/2014-
07/2015 | Researcher - Scientific Initiation Scholarship - from the National Development Council Scientific and Technological Development of Brazil (CNPq) executing activities in the project - Development of commercial clones of Dendê (<i>Elaeis guineenses</i>) tolerant to fatal yellowing. In Agronomy Department / Fruit Sector / Tissue Culture Laboratory - UFV. |
| 07/2015-
02/2016 | Researcher - Scientific Initiation Scholarship from the Agricultural Research Company of Minas Gerais, |

carrying out activities in the project - Application of molybdenum to reduce nitrogen fertilization in onion cultivation.

08/2016- 12/2016	Professor Intern - Fruit Culture Discipline in the Agronomy and Forest Engineering course, Federal University of Viçosa.
07/2019- 12/2019	Monitor of the discipline General Genetics in the course of Agronomy - Departament of Genetics, Luiz de Queiroz College of Agriculture. University of São Paulo (ESALQ - USP).
07/2020- 12/2020	Monitor of the discipline of Quantitative Genetics a Postgraduate course in Genetics and breeding Departament of Genetics, Luiz de Queiroz College of Agriculture. University of São Paulo (ESALQ - USP).
07/2020- Atual	Collaborating Researcher at EMBRAPA Corn and Sorghum - Bioinformatics Laboratory. Research in development in associative mapping and genomic selection for characters related to nutritional and functional quality of sorghum for human consumption.

3 Main Extracurricular Courses

High Performance Phenotyping - ESALQ-USP.
Genomic Edition in Plants - EMBRAPA Corn and Sorghum.
Genotype to Phenotype Models for Traditional and New Phenotyping Data in Plant Breeding - ESALQ - USP.
Programming Training in the R Environment - ESALQ- USP.
Training Philosophy of Teaching and Chat-T - Tutores.
Selegen - UFV.
Docker - Udemy.
R Markdown - Udemy.
Shiny - Udemy.
Basic Genetics - UFV.
Python - Udemy.

4 Coding Skills

R and Markdown
Docker
HTML
CSS
Python
LaTeX

5 Summary Published in Proceedings of Conferences


2019	ARAÚJO, W.A .; FIGUEIREDO, M .; SOUZA, T.V .; CAIXETA, E.T .; DOS SANTOS, C.E.M. Molecular Characterization of Passion Fruit Cultivars and Progenies, 2019, Águas de Lindóia, SP. Annals of The 10th Brazilian Congress of Plant Breeding, 2019.
2017	ARAÚJO, W. A.; RAMOS, R. S.; BARBOSA, M. H. P.. Regeneration of meristemas from the sugar cane

foliar base with the use of auxins, cytokinines and phenyl ureas, 2017, Foz de Iguaçu - PR. Annals of The 9th Brazilian Congress of Plant Breeding, 2017.

- 2017 ARAÚJO, W. A.; SOUZA, D. M. S. C.; SANTOS, R. R.; HEIDEMANN, J. C.; QUEIROZ, V.. Obtaining somatic carrot embryos (*daucus carota* L.) Through different explants and different concentrations of 2,4-diclofenoxiacetic, 2017, Foz de Iguaçu - PR. Annals of The 9th Brazilian Congress of Plant Breeding, 2017.
- 2017 ARAÚJO, W. A.; SOUZA, D. M. S. C.; SANTOS, R. R.; HEIDEMANN, J. C.; QUEIROZ, V.. Effect of combinations of auxins and cytokinins on the direct organogenesis of *Lactuca sativa* L., 2017, CARANGOLA - MG. Proceedings of the XXXVII Regional Botanical Meeting, 2017.
- 2017 ARAÚJO, W. A.; PINHEIRO, M. V. M.; MOTOIKE, S. Y.. Impact of the use of permanent immersion bioreactors on the multiplication and maturation of embryogenic calluses of oil palm *Elaeis oleífera* (Jacquin, 1763, 2017, CARANGOLA-MG. Proceedings of the XXXVII Regional Botanical Meeting University of the State of Minas Gerais Carangola Unit, 2017.
- 2017 ARAÚJO, W. A.; PINHEIRO, M. V. M.; MOTOIKE, S. Y.. Regeneration of somatic embryos of *Elaeis oleífera* multiplied in liquid medium Y3, 2017, Viçosa. ANNALS OF THE VIII INTERNATIONAL SYMPOSIUM OF GENETICS AND BREEDING, 2017.
- 2017 ARAÚJO, W. A.; SANTOS, C. E. M.; HEIDEMANN, J. C.; SANTOS, R. R.; SOUZA, D. M. S. C.; QUEIROZ, V.. Multiplication of Somatic Carrot Embryos (*Daucus Carota* L.) Through Different Concentrations of 2,4-Diclophenoxiacetic, 2017, Viçosa. ANNALS OF THE III ACADEMIC INTEGRATION SYMPOSIUM, 2017.
- 2015 ARAÚJO, W. A.; PINHEIRO, M. V. M.; MOTOIKE, S. Y.. Volume impact of liquid culture medium Y3 on the in vitro multiplication of embryogenic calluses of Dendê (*Elaeis oleífera*), 2015, Piracicaba SP. proceedings of the 20th Brazilian Congress of Floriculture and Ornamental Plants and the 7th Brazilian Congress of Culture of Plant Tissues, 2015.
- 2015 ARAÚJO, W. A.; MOTOIKE, S. Y.; PINHEIRO, M. V. M.; RAMOS, R. S.; QUEIROZ, V.; KUKI, K. N.. Response to the net media in the multiplication and germination of embryogenic calls of commercial dendê clones (*Elaeis guineenses*), 2015, Viçosa. Proceedings of the Academic Integration Symposium, 2015.
- 2015 QUEIROZ, V.; MOTOIKE, S. Y.; FERREIRA, M. A.; ASSIS, S. V.; ARAÚJO, W. A.; KUKI, K. N.. Influence of different doses of auxin 2,4-D, on the multiplication of embryogenic strains in two palm oil genotypes (*Elaeis guineenses* Jacq.), 2015, Viçosa. Proceedings of the Academic Integration Symposium, 2015.
- 2014 ARAÚJO, W. A.; BARBOSA, M. H. P.; RAMOS, R. S.; ANTICHERA, T. S. S.; ROGALSKI, M.. Growth regulators in the production of sugarcane embryogenic calluses, 2014, Viçosa. Proceedings of the Academic Integration Symposium, 2014.
- 2014 MONTEIRO, L. R.; ROGALSKI, M.; ARAÚJO, W. A.; BARBOSA, M. H. P.; RAMOS, R. S.. Somatic embryogenesis and transformation of sugarcane cultivars for the production of cellulosic ethanol, 2014, Viçosa. Proceedings of the Academic Integration Symposium, 2014.
- 2013 SARTOR, F. R.; MULLER, M.; DEOLA, F.; ARAÚJO, W. A.; KIRIST, V.; BARBOSA, M. H. P.; ROGALSKI, M.. Effect of the use of auxin and cytokinin as a pre-treatment in the in vitro organogenesis of sugarcane stem apices (*Saccharum* spp.), 2013, Poços de Caldas - MG. Proceedings of the Brazilian Congress of Physiology, 2013.
- 2013 DEOLA, F.; MULLER, M.; SARTOR, F. R.; ARAÚJO, W. A.; KIRIST, V.; BARBOSA, M. H. P.; ROGALSKI, M.. Effect of pre-treatments with different phyto regulators in the induction of callus, organogenesis and

somatic embryogenesis in sugar cane (*Saccharum* spp.), 2013, Poços de Caldas - MG. Proceedings of the XIV Brazilian Congress of Physiology, 2013.

- 2012 ANTICHERA.T. S. S.; ARAÚJO, W. A.; COUTINHO, F. V. M.; BEJA, S. B. S. P.; BARBOSA, M. H. P.. Influence of osmotic regulators on the maturation of somatic sugarcane embryos, 2012, Viçosa. Symposium on Academic Integration, 2012.
- 2012 ARAÚJO, W. A.; ANTICHERA.T. S. S.; COUTINHO, F. V. M.; BARBOSA, M. H. P.. Somatic embryogenesis induction strategy in sugar cane cultivars, 2012, Viçosa. Symposium on Academic Integration, 2012.
- 2011 VOLPATO, L.; ARAÚJO, W. A.; PEREIRA, R. M.; SILVA, G. A.; GOLDINHO, T. V. S.. Influence of the presence of aphids on the oviposition rate of *Plutella xylostella*, 2011, Viçosa. ANNALS OF THE III ENTOMOLOGY SYMPOSIUM, 2011.

Updated on March, 20 - Tipografia em 
<http://augusto-garcia.github.io>
