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Ben-Gurion University of the Negev, Israel

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**Education**

Oct 2020 – Present

**Ben-Gurion University of the Negev**

Postdoctoral Researcher

**Supervision:** Dr. Shimon Rachmilevich

The French Associates Institute for Agriculture  
and Biotechnology of Drylands, Sde Boker  
Campus, Midreshet Ben-Gurion  
Israel, 84990

Apr 2019 – Sep 2020

**Ben-Gurion University of the Negev**

Postdoctoral Researcher (Plant physiology and  
molecular biology (*Hylocereus* species  
(Cactaceae))

**Supervision:** Dr. Noemi Tel-Zur and Eran Raveh  
The French Associates Institute for Agriculture  
and Biotechnology of Drylands, Sde Boker  
Campus, Midreshet Ben-Gurion  
Israel, 84990

Feb 2015 – Fev 2019

**Federal University of Ceará**

PhD, Doctorate in Agronomy

**Supervision:** Márcio Cleber de Medeiros Corrêa

Fortaleza, CE, Brazil

Aug 2013 – Jan 2015

**Federal University of Viçosa**

MSc, Master in Plant Physiology

Viçosa, MG, Brazil

Fev 2008 – Jul 2013

**Federal University of Ceará**

Bachelor, Agronomy

Fortaleza, CE, Brazil

## Research Experience

Oct 2020 – Present

**Ben-Gurion University of the Negev**

Postdoctoral Researcher

**Supervision:** Dr. Shimon Rachmilevich

The French Associates Institute for Agriculture and Biotechnology of Drylands, Sde Boker Campus, Midreshet Ben-Gurion Israel

Ecophysiology, physiology and ecological studies of plant-plant interaction - Carbon and metabolic benefits and costs of self/non-self-recognition in plants.

Apr 2019 – Sep 2020

**Ben-Gurion University of the Negev**

Postdoctoral Researcher (Plant physiology and molecular biology (*Hylocereus* species (Cactaceae)))

**Supervision:** Dr. Noemi Tel-Zur and Eran Raveh

The French Associates Institute for Agriculture and Biotechnology of Drylands, Sde Boker Campus, Midreshet Ben-Gurion Israel

Desert studies - Physiological, biochemical and molecular aspects of *Hylocerus* species (Cactaceae) under high temperature stress.

Apr 2018 – Dec 2018

**Visiting Researcher**

Ben-Gurion University of the Negev

Israel

Desert studies - Physiological, biochemical and molecular aspects of *Hylocerus* species (Cactaceae) under high temperature stress.

Feb 2015 – Mar 2019

**Doctorate in Agronomy**

Federal University of Ceará and Brazilian Agricultural Research Corporation

	Fortaleza, CE, Brazil Desert studies - Effects of shading on gas exchanges, anatomy, phenology, biochemistry, production and quality of fruits of <i>Hylocereus</i> species under dryland conditions.
Feb 2015 – Present	<b>Post-graduate lecturer of Distance education</b>  AVM Integrated Faculty  Brasília, DF, Brazil  Organic Management Plan  Plant Breeding of Cultivated Species  Food Hygiene and Legislation  Agricultural Scenarios in Brazil  Professional profile in Agribusiness
Aug 2013 – Jan 2015	<b>Master in Plant Physiology</b>  Federal University of Viçosa, Postharvest Physiology Laboratory  Viçosa, MG, Brazil  Response to ethylene and 1-MCP and STS action on longevity of ornamental pepper
Fev 2008 – Jul 2013	<b>Bachelor, Agronomy</b>  Federal University of Ceará and Brazilian Agricultural Research Corporation  Fortaleza, CE, Brazil  Quality and bioactive compounds of watermelons fruits from Jaguaribe/Açu, RN, Brazil
Apr 2012 – Jul 2013	<b>Research fellowship</b>  Brazilian Agricultural Research Corporation  Fortaleza, CE, Brazil  Use of aminoethoxyvinylglycine (AVG) and GA <sub>3</sub> in pre-harvesting of early dwarf cashew peduncles aiming at the prolongation of production and pre and Postharvest life
Aug 2012 – Mar 2013	<b>Research fellowship</b>  Brazilian Agricultural Research Corporation  Fortaleza, CE, Brazil  Regionalized climate change simulation in melon and watermelon crops, impacts and adaptations

Aug 2011 – Jul 2012	<b>Research fellowship</b> Brazilian Agricultural Research Corporation Fortaleza, CE, Brazil Use of aminoethoxyvinylglycine (AVG) and GA <sub>3</sub> in pre-harvesting of early dwarf cashew peduncles aiming at the prolongation of production and pre and Postharvest life
Aug 2010– Jul 2011	<b>Research fellowship</b> Brazilian Agricultural Research Corporation Fortaleza, CE, Brazil Value addition to tropical fruits in the Northeast region: Prospection of functional properties
Jul 2009 – Jul 2010	<b>Research fellowship</b> Brazilian Agricultural Research Corporation Fortaleza, CE, Brazil Value addition to tropical fruits in the Northeast region: Prospection of functional properties

## Awards and Grants

Feb 2015 – Present	Grant: CNPq (National Council for Scientific and Technological Development), Brazilian Financial Support to Doctorate Research
Aug 2013 – Jan 2015	Grant: CAPES, Brazilian Financial Support to Master Research
Fev 2008 – Jul 2013	Grant: CNPq, Brazilian Financial Support to Graduate Research
Aug 2014	Awards: Coefficient of Antioxidant Activity (CAA) in fruits of umbu-cajá genotypes, ranked 3rd in the area of Exact and Technological Sciences, XII UNIFOR Research and Graduate Meeting, Fortaleza, CE, Brazil

## Skills & Activities

Skills	Desert studies (Physiology, Ecophysiology, Biochemistry, Molecular biology); General studies in plants (Plant physiology; Postharvest physiology of fruits, vegetables and ornamental plants; Ecophysiology; Frut crop (native and exotic tropical fruits); Modified Atmosphere; Modified Atmosphere; Value addition native and exotic tropical fruits; Functional Foods)
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Languages	English (intermediate speaker), Portuguese (mother tongue)
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## Publications

- Published journal papers: 21
- Published book chapters: 12
- Organized books or editions: 1
- Published events papers (author and co-author): 77
- Conference or lecture: 7
- Technical works (consultancy): 2
- Radio or TV program (interview): 1
- Participation in events (congress): 8
- Participation in events (seminar): 5
- Participation in events (symposium): 6
- Event organization (congress): 3
- Participation in defenses (doctorate): 2
- Orientation of students (Brazil and Israel) : 10

For more details Lattes (Brazil); Researchgate and Orcid.

## Some of my Publications

**OLIVEIRA, M. M. T.; LU, S.; ZURGIL, U.; RAVEH, E.; TEL-ZUR, N.** Grafting in *Hylocereus* (Cactaceae) as a tool for strengthening tolerance to high temperature stress. Plant physiology and biochemistry. V.160, p.94 - 105, 2021. <https://doi.org/10.1016/j.plaphy.2021.01.013>

**OLIVEIRA, M. M.T.; ALBANO-MACHADO, F. G.; PENHA, D. M.; PINHO, M. M.; NATALE, W.; DE MIRANDA, M. R. M. A.; MOURA, C. F. H.; ALVES, R. E.; CORRÊA, M. C.** Shade improves growth, photosynthetic performance, production and postharvest quality in red pitahaya (*Hylocereus costaricensis*). *Scientia horticulturae*. V.286, p.110217, 2021. <https://doi.org/10.1016/j.scienta.2021.110217>

**OLIVEIRA, M. M.T.; LU, S.; ZURGIL, U.; RAVEH, E.; TEL-ZUR, N.** Plant Physiology and Biochemistry 153, p. 30–39, 2020. <https://doi.org/10.1016/j.plaphy.2020.04.044>

OLIVEIRA, P. S. T.; SILVA, F. L; CORDEIRO, K. V. ; SOUSA, G.; NUNES, R.; PEREIRA, R.; ALBANO-MACHADO, F. G.; **OLIVEIRA, M. M. T.**; SILVA-MATOS, R. R. S. Efficacy of substrate and humic substance on cuttings production of *Spondia purpurea* L.. RESEARCH, SOCIETY AND DEVELOPMENT. , v.9, p.60985006 - , 2020.

CORDEIRO, K. V.; PEREIRA, R. Y. F.; CARDOSO, J. P. S.; SOUSA, M. O.; PONTES, S. F.; OLIVEIRA, P. S. T.; MARQUES, G. M.; COSTA, S. M. D. M.; **OLIVEIRA, M. M. T.**; MATOS, R. R. S. S. Efficiency of use of alternative substrates in the production of papaya seedlings. Research, society and development. V.9, p.1 - 18, 2020. <http://dx.doi.org/10.33448/rsd-v9i9.XX>

COSTA, C. A. A.; MATOS, R. R. S. S.; AZEVEDO, G. A.; MORAES, T. C.; PEREIRA, R. Y. F.; SOUSA JUNIOR, A. D. O.; **OLIVEIRA, M. M. T.** Humic substance and substrate based on babassu

decomposed stem in the production of sunflower seedlings. Research, society and development. V.9, p.1 - 21, 2020. <http://dx.doi.org/10.33448/rsd-v9i8.6098>

GARRETO, V. C.; SANTOS, L. R.; SILVA, A. S.; ARAÚJO, M. ; ANDRADE, H.; GARRETO, F. G.; MACHADO, FARIA, N. ; **OLIVEIRA, M. M. T.**; VIANA, J. S.; SILVA-MATOS, R. R. S. Production of red dracena seedlings (*Cordyline terminalis*) on decomposed babaçu stem substrate. RESEARCH, SOCIETY AND DEVELOPMENT. v.9, p.e797997850 - 14, 2020. <http://dx.doi.org/10.33448/rsd-v9i9.7850>

**OLIVEIRA, M. M. T.**; ALVES, R. E.; SILVA, L. R.; BARRETO, N. D. S. Prospection of the quality and bioactive potential of the seedless watermelon. SCIENTIA PLENA. V.16, p.1 - 8, 2020. doi: 10.14808/sci.plena.2020.050202

**OLIVEIRA, M. M. T.**; ALVES, R. E.; SILVA, L. R.; ARAGÃO F. A. S.. Qualidade de frutos de híbridos de melancia com sementes. REVISTA DE LA FACULTAD DE AGRONOMÍA (LA PLATA). , v.118, p.80 - 86, 2019. <https://doi.org/10.24215/16699513e008>

OIRAM FILHO, F.; LOPES, M. M. A.; MATIAS, M. L.; BRAGA, T. R.; ARAGAO, F. A. S.; SILVEIRA, M. R. S.; **OLIVEIRA, M. M. T.**; SILVA, E. O. Shelf-life estimation and quality of resistant bananas to black leaf streak disease during ripening. SCIENTIA HORTICULTURAE. Fator de Impacto(2019 JCR): 2,7690, v.251, p.267 - 275, 2019.

LIMA, P. C. C; **OLIVEIRA, M. M. T.**; RIBEIRO, W. S.; COSTA, L. C.; FINGER, L. F. Action of ethylene, 1-methylcyclopropene and silver thiosulfate in two developmental stages of potted ornamental pepper. Ornamental Horticulture, v. 23, p. 240, Campinas, SP, 2017. <http://dx.doi.org/10.14295/oh.v23i3.1036>

**OLIVEIRA, M. M. T.**; HERCULANO, L. F. L; BRAGA, T. R. Determination of composition with antioxidant activity in different hybrids of watermelons. Higiene Alimentar, v. 29, p. 4506, Fortaleza, CE, 2017.

**OLIVEIRA, M. M. T.**; BRAGA, T. R.; PINHEIRO, G. K; SILVA, L. R.; VIEIRA, C. B.; TORRES, L. B.V. Physicochemical parameters, microbiological and sensorial evaluation of organic orange jellies with mint addition. Revista de La Facultad de Agronomía (La Plata), v. 115, p. 29-34, Buenos Aires, Argentina, 2016. <http://sedici.unlp.edu.ar/handle/10915/54166>

LIMA, P. C. C; RIBEIRO, W. S.; **OLIVEIRA, M. M. T.**; COSTA, L. C.; FINGER, L. F. Ethylene, 1-methylcyclopropene and silver thiosulfate on the post-production of ornamental pepper. Ciência Rural, v. 47, p. 1-8, Santa Maria, RS, 2016. <http://dx.doi.org/10.1590/0103-8478cr20151611>

LUCENA, H. H., ALMEIDA, E. I. B., **OLIVEIRA, M. M. T.**, RIBEIRO, W. S., BARBOSA, J. A. Use of wax as a backing for post-harvest preservation of true lemon. Tecnologia e Ciência Agropecuária, João Pessoa, PB., v.7, n.1, p.41-46, 2013.

NERY, K. A., ARAUJO RO, BRAGA TR, **OLIVEIRA, M. M. T.**, TORRES LBV, SILVA LR (2013). Physical and physical-chemical characterization of noni (*Morinda citrifolia* L.) fruits grown in Fortaleza-CE. Revista Cultivando o Saber, v.6, n.1, p.17-24, Cascavel, PR, 2013.

GOES, T. S., CARMO. J. S., BRAGA, T. R., **OLIVEIRA, M. M. T.**, SILVA LR, TORRES LBV. Physical and physico-chemical characterization of 'Tahiti' (*Citrus latifolia* T.) lemon fruits cultivated in Guaraciaba do Norte-CE. Revista Cultivando o Saber, v.5, n.3, p.14-21, Cascavel, PR, 2013.

BRAGA, T. R., PEREIRA, R. C. A., SILVEIRA, M. R. S., OLIVEIRA, M. M. T.. Physicochemical characterization of progenies of chilies (*Capsicum frutescens* L.) cultivated in São Benedito, CE. Revista de la Facultad de Agronomía (La Plata), v. 112, p. 6-10, Buenos Aires, Argentina, 2013.

BRAGA, T. R., PEREIRA, R. C. A.; SILVA, L. R.; SILVEIRA, MRS; OLIVEIRA, M. M. T.. Physicochemical characterization of progenies of chilies (*Capsicum frutescens* L.) cultivated in Paraipaba-CE. Scientia Plena, v. 9, p. 1-6, Aracajú, SE, 2013. <https://www.scientiaplena.org.br/sp/article/viewFile/846/783>

BRAGA, T. R., PEREIRA, R. C. A.; SILVA, L. R.; SILVEIRA, M. R. S.; OLIVEIRA, M. M. T.. Physicochemical characterization of progenies of peppers cultivated in Sobral-CE. Horticultura Brasileira (Printed), v. 30, p. 68-74, Vitória da Conquista, BA, 2012.

### Book chapters

OLIVEIRA, M. M. T.; BRAGA, T. R.; AGUIAR, A. L.; SILVA, L. R. Characterization of the fruit of Jerivá (*Syagrus romanzoffiana* C.). Gastronomy: from tradition to innovation. 1ed. v.1, p. 1277-1278, Fortaleza, CE, 2016.

BRAGA, T. R.; OLIVEIRA, M. M. T.; AGUIAR, A. L.; SILVA, L. R. Elaboration and sensorial analysis of curd cheese with added cocoa powder. Gastronomy: from tradition to innovation. 1ed. v. 1, p. 119-120, Fortaleza, CE, 2016.

AGUIAR, A. L.; PAZ, N.; OLIVEIRA, M. M. T.; BRAGA, T.R. Influence of gastronomy: Case study. Gastronomy: from tradition to innovation. 1ed. V. 1, p. 1061-1062. Fortaleza, CE, 2016.

OLIVEIRA, M. M. T.; REZES, F. K.; AGUIAR, A. L.; BRAGA, T.R.; SILVA, L. R.. Quality of the pineapple fruit Pearl in three maturation stages. Gastronomy: from tradition to innovation. 1ed . V. 1, p. 1193-1194, Fortaleza, CE, 2016.

AGUIAR, A. L.; LEAO, E.; OLIVEIRA, M. M. T.; FROTA, J. Evaluation of hygienic-sanitary conditions of two fishing industries in Camocim-CE. Gastronomy: from tradition to innovation. 1ed. V. 1, p. 911-912, Fortaleza, CE, 2016.

OLIVEIRA, M. M. T.; MEDEIROS, J.D.; SIZENANDO FILHO, F.A .; SILVA, J. L. C. E.; ALMEIDA, E. I. B.. Substrate and pruning in the production of ornamental peppers. Introduction to Post-harvest and Post-production of ornamental plants. 1ed.Kiron: V. 1, p. 79-111, Brasília, DF, 2015.

PAZ, J. K. S.; OLIVEIRA, M. M. T.; SILVA, J. L. C. E.; SIZENANDO FILHO, F.A. Post-harvest losses. Introduction to post-harvest and post-production of ornamental plants. 1ed. V.1, p. 65-78, Brasília, DF, 2015.

SOUZA, S. S.; MEDEIROS, R.D.; SIZENANDO FILHO, F.A .; OLIVEIRA, M. M. T.. Brief history on gardens and ornamental plants. Introduction to post-harvest and post-production of ornamental plants. 1ed., V. 1, p. 7-38. Brasília, DF, 2015.

SILVA JLCE; PAZ JKS; SILVA, A.P.G.; OLIVEIRA, M. M. T.; NUNES, A. S. Methods of preserving cutting fluids. Introduction to post-harvest and post-production of ornamental plants. 1ed., V. 1, P. 51-64, Brasília, DF, 2015.

### Events Presentations

PINHO, M. M.; ALBANO, F. G.; **OLIVEIRA, M. M. T.**; SILVA, E. R.; MATOS, R.R. S. S.; CAVALCANTE, I. H. L. Root development of passion fruit seedlings from different types of substrates. In: XXX Brazilian Congress of Agronomy, 2017, Fortaleza. XXX Brazilian Congress of Agronomy, Fortaleza, CE, 2017.

SILVA, L. R.; MATOS, M. C.; **OLIVEIRA, M. M. T.**; PINHO, M. M.; ALBANO, F. G. Physicochemical properties and fatty acid composition of buriti oil. In: XXX Brazilian Congress of Agronomy, 2017, Fortaleza. XXX Brazilian Congress of Agronomy, Fortaleza, CE, 2017.

**OLIVEIRA, M. M. T.**; MATOS, M. C.; Pinho, M. M.; ALBANO, F. G. Color index and fatty acid profile of ojon oil. In: XXX Brazilian Congress of Agronomy, 2017, Fortaleza. XXX Brazilian Congress of Agronomy, Fortaleza, CE, 2017.

**OLIVEIRA, M. M. T.**; FINGER, FERNANDO LUIZ; SANTOS, L. S. Inhibitors of the action of ethylene in the cultivation of Ornamental Peppers. In: III International Meeting of Young Investigators - JOIN (Brazil Edition), 2017, Fortaleza. III International Meeting of Young Investigators - JOIN (Brazil Edition), Fortaleza, CE, 2017.

**OLIVEIRA, M. M. T.**; BRAGA, T.R.; AGUIAR, A. L.; SILVA, L. R.; MAUTA, D.S.; REZES, F. K.R. Characterization of the fruit of Jerivá (*Syagrus romanzoffiana* C.). In: II International Congress of Gastronomy and Food Science. p. 1277, Fortaleza, CE, 2016.

**OLIVEIRA, M. M. T.**; LIMA, P.C. Finger, F. L.; SAMPAIO, I.M.G.; CARNEIRO, C. S.; GUSMAO, S.A.L. Action of silver thiosulphate (STS) on post-production of ornamental peppercorns (*Capsicum annum*). In: 54th Brazilian Congress of Olericultura - vegetables: technological innovation and automation, 2016, Recife, PE, 2016.

**OLIVEIRA, M. M. T.**; LIMA, P.C. Finger, F. L.; SAMPAIO, I.M.G.; PEREIRA, I.M.; GUSMAO, S.A.L. 1-Methylcyclopropene (1-MCP) action in the post-production of ornamental peppercorns (*Capsicum frutescens*). In: 54th Brazilian Congress of Olericultura - vegetables: technological innovation and automation, 2016, Recife, PE, 2016.

SAMPAIO, I.M.G.; GUSMAO, S.A.; SOUZA JUNIOR, J.C.; **OLIVEIRA, M. M. T.**; GUIMARAES, M.A.; RICHART, A. C.. Zinc and copper contents in jambu plants (*Acmella oleracea* (L.) R.K. Jansen) cultivated under the omission of nitrogen, phosphorus and potassium in hydroponics. In: 54th Brazilian Congress of Olericultura - vegetables: technological innovation and automation, 2016, Recife, PE, 2016.

BRAGA, T. R.; **OLIVEIRA, M. M. T.**; CAVALCANTE, M.P.; MARTINS, M. V. S.; LIMA, L. N. Elaboration and sensorial analysis of curd cheese with added cocoa powder. In: II International Congress of Gastronomy and Food Science. p. 119., Fortaleza, CE, 2016.

AGUIAR, A. L.; SILVA, E. D.; **OLIVEIRA, M. M. T.**; FROTA, J.A.; PONTES, C.M.; FERREIRA, M. J. G.. Evaluation of Hygienic-Sanitary Conditions in Two Fishing Industries in Camocim-CE. In: II International Congress of Gastronomy and Food Science. p. 911., Fortaleza, CE, 2016.

PAZ, N. C.; AGUIAR, A. L.; **OLIVEIRA, M. M. T.**; LEAO, E. D. S.; PONTES, C. M.; BRAGA, T.R. Influence of hospital gastronomy on the degree of patient satisfaction in a public hospital: Case study. In: II International Congress of Gastronomy and Food Science, Fortaleza, CE, 2016.

**OLIVEIRA, M. M. T.**; REZES, F. K.R.; AGUIAR, A. L.; BRAGA, T.R.; SILVA, L. R.. Quality of the 'Pérola' pineapple fruit in three maturation stages. In: II International Congress of Gastronomy and Food Science, 2016. Gastronomy. p. 1193., Fortaleza, CE, 2016.

**OLIVEIRA, M. M. T.;** BRAGA, T.R.; GOES, T. S.; REGADAS, I. S.; SILVA, L. R.. Characterization of Andiroba seed oil. In: 6th Congress of the Brazilian Network of Biodiesel Technology 9th Brazilian Congress of Oleaginous Plants, Oils, Fats and Biodiesel, Natal, RN, 2016.

SAMPAIO, I.M.G.; PEREIRA, I.M.; GUSMAO, S.A.; SOUZA JUNIOR, J.C.; **OLIVEIRA, M. M. T.;** GUIMARAES, M.A.. Effect of the omission of nitrogen, phosphorus and potassium on the biomass production of jambu plants (*Acmella oleracea* (L.) R.K. Jansen) cultivated in a hydroponic system. In: 54th Brazilian Congress of Olericultura - vegetables: technological innovation and automation, 2016, Recife, PE, 2016.

PEREIRA, I.M.; **OLIVEIRA, M. M. T.;** ALBANO, F. G.; QUEIROZ, R.F .; CORREIA, M.C. Initial development of *Hylocereus undatus* pitaia grown under different shades. In: XXXV Meeting of Scientific Initiation, University Meetings of the UFC, 2016, Fortaleza, CE, 2016.

SILVA, M.A.A.; **OLIVEIRA, M. M. T.;** ALBANO, F. G.; REGADAS, I. S.; CORREIA, M.C. Luminous intensity in the initial growth of yellow Pitaia under the conditions of the state of Ceará. In: XXXV Meeting of Scientific Initiation, University Meetings of the UFC, 2016, Fortaleza, CE, 2016.

OLIVEIRA, L.; **OLIVEIRA, M. M. T.;** ALBANO, F. G.; SAMPAIO, I.M.G.; CORREIA, M.C. Research of adaptation of the Pythia to the climatic conditions of the state of Ceará. In: XXXV Meeting of Scientific Initiation, University Meetings of the UFC, 2016, Fortaleza, CE, 2016.

**OLIVEIRA, M. M. T.;** LIMA, P.C. SAMPAIO, I.M.G.; CARNEIRO, C. S.; Finger, F. L.; GUSMAO, S.A.L. 1-Methylcyclopropene (1-MCP) action in the post-production of ornamental peppercorns (*Capsicum annum*). In: 54th Brazilian Congress of Olericultura - vegetables: technological innovation and automation, 2016, Recife, PE, 2016.

**OLIVEIRA, M. M. T.;** GOES, T. S.; REZES, F. K.R.; BRAGA, T.R.; SILVA, L. R.. Profile of Bacaba pulp oil fatty acids. In: 6th Congress of the Brazilian Network of Biodiesel Technology 9th Brazilian Congress of Oleaginous Plants, Oils, Fats and Biodiesel, Natal, RN, 2016.

**OLIVEIRA, M. M. T.;** REZES, F. K.R.; BRAGA, T.R.; GOES, T. S.; SILVA, L. R.. Beneficial bioactive compounds present in Buriti oil. In: 6th Congress of the Brazilian Network of Biodiesel Technology 9th Brazilian Congress of Oleaginous Plants, Oils, Fats and Biodiesel, Natal, RN, 2016.

**OLIVEIRA, M. M. T.;** SILVA, L. R.; BRAGA, T.R.; GOES, T. S.. Comparative study of the physical-chemical analysis of the oil of species of the genus *Elaeis*. In: 6th Congress of the Brazilian Network of Biodiesel Technology 9th Brazilian Congress of Oleaginous Plants, Oils, Fats and Biodiesel, Natal, RN, 2016.

**OLIVEIRA, M. M. T.;** REGADAS, I. S.; SILVA, L. R.. Physicochemical properties of almond oil of babassu fruit. In: XVI Post-Graduation and research meeting, UNIFOR, Fortaleza, CE, 2016.

ORLANDI, J.C.; MAGRIN, F. P.; **OLIVEIRA, M. M. T.;** MACEDO, C. K. B.; MAUTA, D.S.; RUFATO, L.. Application of sonata fungicide (*Bacillus pumilus*) in pregnancy in frigo conservation of fuji select cultivar. In: XVI Post-Graduation and research meeting, UNIFOR, Fortaleza, CE, 2016.

LIMA, P.C. **OLIVEIRA, M. M. T.;** SILVA, J. L. C. E.; SILVA, G.F .; Finger, F. L.. Effect of high temperature, light stress and STS application on transport simulation in ornamental peppercorns. In: XXIX Brazilian Congress of Agronomy: Challenges and Professional Opportunities. Foz do Iguaçú, PR, 2015.

LIMA, P.C. **OLIVEIRA, M. M. T.**; COSTA, L. C.; SILVA, J. L. C. E.; Finger, F. L.. Effect of the Application of 1-methylcyclopropene on the Post Production of Ornamental Peppers. In: XXIX XXIX-Brazilian Congress of Agronomy, 2015, Foz do Iguaçu - PR. Challenges and Professional Opportunities Foz do Iguaçú, PR, 2015.

LIMA, P.C. **OLIVEIRA, M. M. T.**; SILVA, J. L. C. E.; Finger, F. L.. Effect of Temperature Extreme and Water Stress on the Quality of Ornamental Peppers. In: XXIX-Brazilian Congress of Agronomy, 2015, Foz do Iguaçú. XXIX-Brazilian Congress of Agronomy: Challenges and Professional Opportunities. Foz do Iguaçú, PR, 2015.

LIMA, P.C. **OLIVEIRA, M. M. T.**; SILVA, J. L. C. E.; Finger, F. L.. Effect of ethylene, 1-methylcyclopropene and silver thiosulphate on the stage of ornamental pepper plants. In: XXIX-Brazilian Congress of Agronomy, 2015, Foz do Iguaçu - PR. Challenges and Professional Opportunities, 2015, Foz do Iguaçú. XXIX-Brazilian Congress of Agronomy: Challenges and Professional Opportunities. Foz do Iguaçú, PR, 2015.

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## Events attendance

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54th Brazilian Congress of Olericultura - vegetables: technological innovation and automation. Recife, PE, 2016.

6th Congress of the Brazilian Network of Biodiesel Technology 9th Brazilian Congress of Oilseeds, Oils, Fats and Biodiesel. Natal, CE, 2016.

II International Congress of Gastronomy and Food Science. Fortaleza, 2016.

XIX ENAAL and V Latin American Congress of Food Analysts: Analytical Challenges and Food Security. Change in the color of minimally processed sleeves subjected to pulses of ultraviolet light. Natal, RN, 2015.

2nd Plant Organelles and Stress Response Symposium. Plant Organelles and Stress Response. Viçosa, MG, 2014.

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XXII Brazilian Fruit Congress. Physical and physicochemical characterization of orange jelly from organic cultivation. Bento Golçalves, RS, 2012.

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### **Interviews, round tables, programs and comments in the media**

Interview: Use of cacti in food and as ornamental plants. Brazilian Agricultural Research Corporation, Brasília, DF, 2017.

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### **Complementary Education**

#### **Federal University of Ceará, UFC, Fortaleza, CE, Brasil, 2017**

Course of Multivariate Statistical Analysis in R

#### **Brazilian Agricultural Research Corporation, EMBRAPA, Fortaleza, CE, Brasil, 2017**

General information on occupational safety and accident prevention

#### **Federal University of Ceará, UFC, Fortaleza, CE, Brasil, 2017**

Operational Training in Photosynthesis Analyzer (IRGA) model LI-6400XT

#### **Brazilian Agricultural Research Corporation, EMBRAPA, Fortaleza, CE, Brasil, 2017**

Technical Seminar on Infrared near infrared spectroscopy - MICRO NIR. Fortaleza, CE, 2016.

#### **Federal University of Viçosa, UFV, Viçosa, MG, Brazil, 2014**

Principles of Minimum Processing of Vegetables

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**Brazilian Agricultural Research Corporation, EMBRAPA, Fortaleza, CE, Brasil, 2013**  
Analysis of volatile aroma and flavor compounds

**Center for Languages of Ceará, CLEC, Brazil, 2012**  
Proficiency in English (Hours: 400h)

## References

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