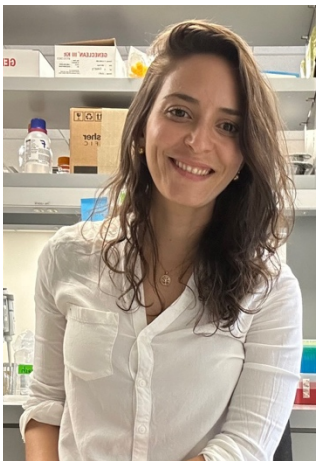

FLÁVIA ROGÉRIO

Curriculum Vitae

CONTACT INFORMATION

Flávia Rogério
35 years
Brazilian/Spain citizenship
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PROFESSIONAL EXPERIENCE

Sept. 2024 – at the present **Postdoctoral Associate**
University of Florida, Department of Plant Pathology, Gainesville, Florida 32611, USA
Supervisor: Erica Goss

Fev. 2021 – Aug. 2024 **Postdoctoral researcher**
University of Salamanca (USA), Department of Microbiology and Genetic,
Institute for Agribiotechnology Research (CIALE), Salamanca, Spain
Supervisor: Dr. Michael Thon
Juan de la Cierva-formación Fellowship

Dec. 2019 – Fev. 2021 **Postdoctoral researcher**
University of São Paulo, Luiz de Queiroz College of Agriculture - ESALQ/USP
Department of Plant Pathology and Nematology, Piracicaba, São Paulo, Brazil
Supervisor: Dr. Nelson Sidnei Massola Junior

EDUCATION

2015 -July/2019 PhD Student in Plant Pathology
University of São Paulo, Luiz de Queiroz College of Agriculture - ESALQ/USP
Department of Plant Patholoy and Nematology, Piracicaba, São Paulo, Brazil
Advisor: Professor Dr. Nelson Sidnei Massola Junior
Co-Advisor: Dra. Maisa Guillardi-Ciampi and Dr. Pierre Gladieux
Scholarship awarded by National Science and Technology Development Council - CNPq (153958/2016-2)

Thesis title: Population genetics of *Colletotrichum truncatum* associated with soybean anthracnose

2013 -2015 MSc in Plant Pathology

University of São Paulo, Luiz de Queiroz College of Agriculture ESALQ/USP
Department of Plant Patholoy and Nematology, Piracicaba, São Paulo, Brazil
Advisor: Professor Dr. Nelson Sidnei Massola Junior
Scholarship awarded by São Paulo Research Foundation – FAPESP (2017/09178-8)
Dissertation title: Etiology and variability of the causal agent of soybean anthracnose in Brazil

2008 -2012 Undergraduate in Agronomic Engineer

State University of Maringá – UEM, Maringá, Paraná, Brazil

PUBLICATIONS

https://scholar.google.com.br/citations?user=R_s7ghEAAAAJ&hl=en&citsig=AKr7NaiKZdq5vju3UB0We4AQNQ56

https://orcid.org/0000-0001-7801-5112

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Refereed Journal Publications

ROGÉRIO, F., VAN OOSTERHOUT, C., DE MITA, S., THON, M. R., SUKNO, S.A. 2024. Long-distance gene flow and recombination between genetically diverged lineages shape the evolutionary genomics of a maize pathogen. IMA Fungus, 2025, 16: e138888. https://doi.org/10.3897/imafungus.16.138888

ROGÉRIO, F., DE CASTRO, R.R.L., MASSOLA JÚNIOR, N. S., BOUFLEUR, R.T., DOS SANTOS, R.F., 2022. Multiple resistance of *Colletotrichum truncatum* from soybean to QoI and MBC fungicides in Brazil. Journal of Phytopathology, 2024;172:e13341. https://doi.org/10.1111/jph.13341

ROGÉRIO, F., TAATI, A., GARCÍA-RODRÍGUEZ, P., BARONCELLI, R., THON, M. R., SANTIAGO, R., REVILLA, R., SUKNO, S.A. 2023. First Report of *Colletotrichum graminicola* Causing Maize Anthracnose in Galicia, Northwestern Spain. Plant Disease, https://doi.org/10.1094/PDIS-04-23-0729-PDN.

ROGÉRIO, F., BARONCELLI, R., CUEVAS-FERNANDEZ, F.B., BECERRA, S., CROUCH, J., BETTIOL, W., AZCÁRATE-PERIL, M.A., MALAPI-WIGHT, M., ORTEGA, V., BETRAN, J., TENUTA, A., DAMBOLENA, J.S., ESKER, P.D., REVILLA, P., JACKSON-ZIEMS, T.A., HILTBRUNNER, J., MUNKVOLD, G., BUHINIČEK, I., VICENTE-VILLARDON, J.L., SUKNO, S.A., THON, M.R. 2023. Population genomics provide insights into the global genetic structure of *Colletotrichum graminicola*, the causal agent of maize anthracnose. mBio. https://doi.org/10.1128/mbio.02878-22

DE CASTRO, R.R.L., CIAMPI-GUILLARDI, M., **ROGÉRIO, F.**, BOUFLEUR, R.T., SILVA JUNIOR, C.D., MASSOLA JÚNIOR, N. S. 2022. Species diversity, resistance to MBC fungicides, and low sensitivity to azoxystrobin in field isolates of *Colletotrichum* spp. associated with soybean anthracnose in Mato Grosso and Goiás States, Brazil. Tropical Plant Pathology journal (TPPA).
https://doi.org/10.1007/s40858-022-00547-4

ROGÉRIO, F., VAN OOSTERHOUT, C., CIAMPI-GUILLARDI, M., CORRER, F. H., HOSAKA, G. K., CROS-ARTEIL, S., RODRIGUES ALVES MARGARIDO, G., MASSOLA JÚNIOR, N. S., GLADIEUX, P. 2022. Means, motive and opportunity for biological invasions: Genetic introgression in a fungal pathogen. Molecular Ecology.https://doi.org/10.1111/mec.16366

BOUFLEUR, R.T., TIKAMI, I., CIAMPI-GUILLARDI, M., **ROGÉRIO, F.**, SUKNO, S.S., THON, R.M., MASSOLA JÚNIOR, N. S., BARONCELLI, R. 2021. Soybean anthracnose caused by *Colletotrichum* species: Current status and future prospects. Molecular Plant Pathology. https://doi.org/10.1111/mpp.13036

ROGÉRIO, F., BOUFLEUR, R.T., CIAMPI-GUILLARDI, M., SUKNO, S.S., THON, R.M., MASSOLA JÚNIOR, N. S., BARONCELLI, R. 2020. Genome Sequence Resources *of Colletotrichum truncatum, C. plurivorum, C. musicola* and *C. sojae*: Four Species Pathogenic to Soybean (*Glycine max*). Phytopathology.
https://doi.org/10.1094/PHYTO-03-20-0102-A

BOUFLEUR, R.T., DE CASTRO, R.R.L., **ROGÉRIO, F.**, CIAMPI-GUILLARDI, BARONCELLI, R. MASSOLA JÚNIOR, N. S., 2020. First Report of *Colletotrichum musicola* Causing Soybean Anthracnose in Brazil. Plant Disease.
https://doi.org/10.1094/PDIS-12-19-2627-PDN

ROGÉRIO, F.; GLADIEUX, P.; MASSOLA JÚNIOR, N.S.; CIAMPI-GUILLARDI, M. 2018. Multiple introductions without admixture of *Colletotrichum truncatum* associated with soybean anthracnose in Brazil. Phytopathology.
https://doi.org/10.1094/PHYTO-08-18-0321-R

BARBIERI, M.C.G; CIAMPI-GUILLARDI, M.; MORAES, S.R.G; BONALDO, S.M; **ROGÉRIO, F.**; LINHARES, R.R.; MASSOLA JÚNIOR, N.S. 2017. First report of causing anthracnose on soybean in Brazil. Plant Disease.
https://doi.org/10.1094/PDIS-12-19-2627-PDN

ROGÉRIO, F., CIAMPI–GUILLARDI, M., BARBIERI, M.C., BRAGANÇA, C.A.D., SEIXAS, C.D.S., ALMEIDA, A.M.R., MASSOLA JUNIOR, N.S. 2016. Phylogeny and variability of *Colletotrichum truncatum* associated to soybean anthracnose in Brazil. Journal of Applied Microbiology.
https://doi.org/10.1111/jam.13346

SILVA, C.A.T, ARIEIRA, C.R.D., **ROGÉRIO, F.**, PUERARI, H. H., Mattei, D., SILVA, T.R.B., Ferrarese-Filho, O. 2015. Control of *Meloidogyne javanica* and *Pratylenchus brachyurus* with crambe presscake. Nematropica. v.45, p.1.

SILVA, T.R.B., **ROGÉRIO, F.**, SANTOS, J.I., POLENTINE, J.P., GONÇALVES JÚNIOR, A.C. 2015. Oil Quantification of Crambe Seeds Calcination Method in Muffle Furnace. Journal of Agronomic Sciences.

BRAGANCA, C. A. D., NOGUEIRA JUNIOR, A. F., **ROGÉRIO, F.**, MASSOLA JUNIOR, N. S. 2014. First report of Anthracnose caused by *Colletotrichum theobromicola* on Barbados cherry (*Malpighia emarginata*) in Brazil. Plant Disease.
https://doi.org/10.1094/PDIS-01-14-0099-PDN

CAZADO, F.J., SILVA, T. R. B., MIGLIAVACCA, R. A., **ROGÉRIO, F.**, SANTOS, J. I., NOLLA, A., SECCO, D. 2013. Nitrogen rates descendant from slow release fertilizers in maize top-dressing fertilization. African Journal of Agricultural Research, v.8, p.49024905 – 4905.

ROGÉRIO, F., SILVA, T. R. B., SANTOS, J. I., POLETINE, J.P. 2013. Phosphorus fertilization influence over grain yield and oil content of crambe crop in two growing seasons. Industrial Crops and Products (Print), v.41, p.266 – 268.

JOSE, J. V., REZENDE, R., GONCALVES, A. C. A., SOUZA, R. S., MARQUES, P. A. A., **ROGÉRIO, F.** 2013. Spatial data analysis of available water capacity in two classes of soil. International Journal of Food, Agriculture and Environment (Print), v.11, p.959 - 962.

SANTOS, J. I., SILVA, T. R. B., **ROGÉRIO, F.**, SANTOS, R. F., SECCO, D. 2013. Yield response in crambe to potassium fertilizer. Industrial Crops and Products (Print). v.43, p.279 – 300.

SANTOS, J. I., **ROGÉRIO, F.**, SILVA, T. R. B., NOLLA, A., MIGLIAVACCA, R. A., CAZADO, F.J., Poletine, J.P, MUNIZ, A.S. 2012. Potassium rates fertilizer effect on aerial part crambe **nutrition**. African Journal of Agricultural Research. v.7, p.2581 – 2583.

SANTOS, J. I., SILVA, T.R.B., **ROGÉRIO, F.**, BENICIO, V, MIGLIAVACCA, R. A., CAZADO, F.J. 2012. Seed treatment influence with Carboxin + Tiram to initial development of castor plant. International Journal of Food, Agriculture and Environment, v.10, p.443 – 444.

ROGÉRIO, F., SILVA, T.R.B., SANTOS, J.I., MIGLIAVACCA, R.A., CAZADO, F.J., ARIEIRA,C.R.D., SALVESTRO, A.C, BENICIO, V, LIMA, W.S. 2012. Seed treatment influence with Carboxin + Tiram to initial development of safflower plants. International Journal of Food, Agriculture and Environment (Print), v.10, p.675 – 676.

SANTOS, D.A, ARIEIRA, C. R. D., SOUTO, E. R., BIELA, F., **ROGÉRIO, F.**, SILVA, T. R. B., MILANI, K. F. 2012. Reaction of sugarcane genotypes to *Pratylenchus brachyurus* and *P. zeae*. International Journal of Food, Agriculture, and Environment (Print), v.10, p.585 – 587.

ROGÉRIO, F., SANTOS, J.I., SILVA, T.R.B., MIGLIAVACCA, R.A., GOUVEIA, B., BARBOSA, M.C. 2011. Effects of Phosphorus doses in the Development of Crambe Culture. Bioscience Journal.

SANTOS, J.I., **ROGÉRIO, F.**, MIGLIAVACCA, R.A., GOUVEIA, B., SILVA, T.R.B., BARBOSA, M.C. 2011. Effects of Potassium Fertilization in Crambe Culture. Bioscience Journal.

Works submitted to national or international conferences

ROGÉRIO, F., COCK VAN OOSTERHOUT; SUKNO, S.A., THON, M.R. 2023. Long-distance migration of the maize anthracnose pathogen allows genetic recombination between isolated lineages. 16TH European Conference on Fungal Genetics, Innsbruck, Austria.

ROGÉRIO, F., SUKNO, S.A., THON, M.R. 2023. Migration and genetic recombination shape the global population structure of *Colletotrichum graminicola,* the causal agent of maize anthracnose. XX Congreso de la Sociedad Española de Fitopatología, Valencia, Spain.

BOUFLEUR, R.T., TIKAMI, I., CIAMPI-GUILLARDI, M., **ROGÉRIO, F**., SUKNO, S.S., THON, R.M., MASSOLA JÚNIOR, N. S., BARONCELLI, R. Characterization of the candidate effectors repertoire of *Colletotrichum* spp. pathogenic to soybean. 15TH European Conference on Fungal Genetics.

BOUFLEUR, R.T., TIKAMI, I., CIAMPI-GUILLARDI, M., **ROGÉRIO, F**., SUKNO, S.S., THON, R.M., MASSOLA JÚNIOR, N. S., BARONCELLI, R. Regulation of Glycine max and *Colletotrichum truncatum* gene expression during colonization. 15TH European Conference on Fungal Genetics.

ROGÉRIO, F., BRAGANCA, C. A. D., MASSOLA JUNIOR, N. S. Análise filogenética de isolados de *Colletotrichum* associados a Soja baseado na região ITS. In: XXXVII Congresso Paulista de Fitopatologia, 2014, Botucatu. Summa Phytopathologica, 2014. v.40. p.01 - 173

ROGÉRIO, F., MASSOLA JUNIOR, N. S. Caracterização filogenética e cultural de isolados de *Colletotrichum* associados a soja. In: 47° Congresso Brasileiro de Fitopatologia, 2014, Londrina. Anais 2014.

INTERNATIONAL EXPERIENCES

Jan. 2019 – Mar. 2019 Internship abroad
Institut National de la Recherche Agronomique – INRAE
Montpellier – France
Supervision: Dr. Pierre Gladieux

Oct. 2017 – Mar. 2018 Internship abroad
Institut National de la Recherche Agronomique – (INRAE)
Montpellier – France
Supervision: Dr. Pierre Gladieux
Scholarship awarded by Funded National Council for the Improvement of Higher Education - CAPES/PDSE (88881.133223/2016-01)

Jan.2022 – Jan.2024 Juan de la Cierva fellowship
Project: “From populations to genes: a multidisciplinary study of the causal agent of maize anthracnose, *Colletotrichum graminicola* — POPS2GENES (Ref: RTI2018-093611-B-I00 - FJC2020-043351-I”.
Funded by Ministerio de Ciencia e Innovación – Spain

Research and training activities at Institut National de la Recherche Agronomique (INRAE) Montpellier, France

01/06/2023 - 31/07/2023, Duration: 2 months
Funded by the Federation of European Microbiological Societies (FEMS), Research and Training Grants category
Tasks: Development of the project "Demographic Inference in the *Colletotrichum graminicola* Fungus, Causal Agent of Maize Anthracnose" in collaboration with the researcher Dr. Stephané De Mita.

PROJECTS PARTICIPATION

Name of the project: Repeatomics and population genomics of the maize anthracnose fungus.
Entity where the project took place: University of Salamanca, Spain
Start-End date: 01/01/2023 –

Name of the project: From populations to genes: multidisciplinary study of the causal agent of corn anthracnose *Colletotrichum graminicola.*
Entity where the project took place: University of Salamanca, Spain
Start-End date: 01/01/2019 - 30/09/2022

Name of the project: Unveiling the association of pathogenic *Colletotrichum* species with soybean anthracnose using histological, population and transcriptome approaches
Entity where the project took place: University of São Paulo, Brazil
Start-End date: 01/08/2017 - 31/01/2019

Name of the project: Anthracnoses in Brazil: Identification, characterization and variability of causal agents.
Entity where the project took place: University of São Paulo, Brazil
Start-End date: 01/03/2011 - 01/03/2014

Name of the project: Soybean anthracnose in Brazil: Identification, characterization and variability of causal agents
Entity where the project took place: University of São Paulo, Brazil
Start-End date: 01/03/2011 - 01/03/2014

SCIENTIFIC SOCIETIES MEMBERSHIP

2025 – present	Mycological Society of America
2025 – present	American Phytopathological Society
2023-2024	British Society for Plant Pathology
2022-2024	Spanish Society of Microbiology

LANGUAGES

Portuguese (native)
Spanish (fluent)
English (fluent)

PEER REVIEWS

Pythopathology, Plant Disease, Plant Pathology, Molecular Plant-Microbe Interactions, Peer Community In, Microbial Genomics, Molecular Plant Pathology, Journal of Plant Pathology.

SCIENCE COMMUNICATION & OUTREACH

Embrapa News (2024). Recombinação genética da antracnose do milho dificulta medidas de controle da doença. https://www.embrapa.br/busca-de-noticias/-/noticia/79825542/recombinacao-genetica-da-antracnose-do-milho-dificulta-medidas-de-controle-da-doenca

Embrapa News (2023). Antracnose do milho pode ter origem mesoamericana e se espalhou com ajuda humana. https://www.embrapa.br/busca-de-noticias/-/noticia/99920318/antracnose-do-milho-pode-ter-origem-mesoamericana-e-se-espalhou-com-ajuda-humana?