

Personal Information

Flávia Virginio Fonseca

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During my graduation in Biology I was working in the areas of education, and mosquito bioecology, control and resistance. Currently I am PhD candidate in Science from the University of Sao Paulo, Brazil. I have experience in parasitology, medical entomology and host-vector interactions, currently focusing in mosquito population studies using molecular biology and wing geometric morphometry approaches. Additionally, I am interested in scientific dissemination, due to this I have been doing voluntarily workshops and lectures about neglected diseases, mosquitoes and arboviruses. Due to the need of synthesis in this curriculum, complementary information can be found in my website.

Education and Research

- **Doctorate in Science - Biology of Host-pathogen Relationship.** University of Sao Paulo (USP), SP, Brazil, estimated completion date: 2017 (Winter term). Advisor: Lincoln Suesdek.
- **Teaching Certificate in Biology.** University of the South of Santa Catarina (UNISUL), SC, Brazil, 2010. Advisor: Josiane Somariva Prophiro.

Experience

➤ Lectures and Educational Experience

Butantan Institute, São Paulo – SP.

- **Lecture: Mosquitoes of medical importance: researches performed in Butantan Institute. 2016.**

USP, São Paulo – SP.

- **Lecture: Dengue: mosquitoes, viruses and humans. 2016.**
- **Ambassador USP. 2013.**
- **Internship “PAE” (Education Improvement Programme). 2013.**

State School “William Aureli”, Bertioga – SP.

- **Lecture: Knowing the mosquitoes. 2016.**

CSU CardSystem Company, Barueri – SP.

- **Lecture: One mosquito, four diseases. 2015.**

High School “Engineer Annes Gualberto”, Imbituba – SC.

- **Supervised practice. 2010.**

“Dehon” School – UNISUL, Tubarão – SC.

- **Supervised practice. 2009.**

UNISUL, Tubarão – SC

- **Monitoring of classes of Zoology I and II. 2009.**

➤ Events Organization and Monitoring

Museum of Zoology of USP, São Paulo – SP.

- **Exhibition “Knowing the mosquitoes”. 2016.**

USP, São Paulo – SP.

- **University Extension Programme: “CientificaMente”. 2015-2016.**

CSU CardSystem Company, Barueri – SP.

- **Exhibition “Knowing the mosquitoes”. 2015 e 2016.**

➤ Participation in events (oral presentation)

4th International Meeting of Infectious Diseases and Tropical Medicine. Quito – Equador.

- **Wingbank: a mosquito wing image database. 2016.**

➤ **Scientific consultancy**

Butantan Institute, São Paulo – SP.

- **Laboratory test of “Bombzzz, a repellent effervescent tablet”. Project of “Pueri Domus” High School’s students. 2016.**

➤ **Evaluation**

23rd International Symposium of Undergraduate Research (Scientific and Technological Initiation) of USP, São Paulo – SP.

- **Evaluation of undergraduate students’ presentations.**

Languages

Portuguese: Native language | **English and Spanish:** Can write and speak at intermediate level

Computer skills

Microsoft Office package; Statistical analysis: Statistica (StatSoft); Morfometric analysis: CLIC and TPS package and MorphoJ; Genetic analysis: Sequencher (Gene Codes Corporation), MEGA and Bioedit; Georeferencing: Qgis plataform; Image editors: Adobe Photoshop and Adobe Lightroom. SQL editor: Notepad++. Data Base Management System: Postgresql.

Complementary courses

- Communication and Scientific dissemination (20h), University of Sao Paulo, Brazil, 2016.
- Introduction to Education in Museum – part I and II (24h), Butantan Institute, Brazil, 2016.
- Tropical neglected diseases and other diseases of interest in Public Health (36h), Emilio Ribas Institute, Brazil, 2016.
- Animals on exhibition: challenges and educational potentialities (40h), Butantan Institute, Brazil, 2016.
- Laboratory animals: an expertise (40h), Butantan Institute, Brazil, 2016.
- Collection, Set and Identification of Insects (24h), Butantan Institute, Brazil, 2016.
- Storage, handling and disposal of chemical products. University of Sao Paulo, Brazil, 2016.
- Use of animals in experiments (10h), University of Sao Paulo, Brazil, 2015.
- Biosafety: activities with genetic modified organisms in contained use (16h), University of Sao Paulo, Brazil, 2015.
- Bioinformatics: tips and tricks (8h), University of Sao Paulo, Brazil, 2015.
- Science of eradication: malaria (88h), University of Sao Paulo, University of Barcelona, Swiss Tropical and Public health Institute and Harvard University, Brazil, 2015.
- Studying Evolution with Geometric Morphometrics (40h), Transmitting Science, Argentina, 2014.
- Spatial Analysis in Public Health (20h), Faculty of Public Health, Brazil, 2014.
- Logical Method for Scientific Writing (8h), Butantan Institute, Brazil, 2013.

Publications

- VIRGINIO, F.; VIDAL, P. O.; SUESDEK, L. Wing sexual dimorphism of pathogen-vector culicids. *Parasites & Vectors*, 2015.
- VIRGINIO, F; LORENZ, C.; AGUIAR, B. S.; SUESDEK, L.; CHIARAVALLOTI-NETO, F. Spatial and temporal epidemiology of malaria in extra-Amazonian regions of Brazil, *Malaria Journal*, 2015.

Award

Best Poster Award, OMICS Group Conferences, Orlando – Florida. 2013.

References

Dr. Lincoln Suesdek Researcher (PqC-VI) +55 11 2627-9785 lincoln.suesdek@butantan.gov.br Parasitology Laboratory, Butantan Institute. Av. Dr. Vital Brazil, 1500 Butantã, São Paulo, SP. Zipcode: 05503-900	Dra. Maristela M. de Camargo Professor +55 11 3091-7434 mmcamar@usp.br Department of Immunology, University of São Paulo. Av. Prof. Lineu Prestes, 1730 Cidade Universitária, São Paulo, SP. Zipcode 05508-900	Dra. Josiane S. Prophiro Professor +55 48 3621-3000 josiane.prophiro@unisol.br Department of Biology and Health Science, University of South of Santa Catarina. P.O. box: 370, Av. José Acácio Moreira 787 Dehon. Tubarão, SC Zipcode: 88704-900
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