

KARIANA A. FELICIANO-LOPEZ, MS

Calle Efeso 6, Aibonito, PR 00705
787-485-5476 • 787-617-1853
E-mail: kary597@live.com

EDUCATION

- Master in Science-Biotechnology, Plant Biotechnology** Jan 2014-May 2016
Inter-American University of Puerto Rico, Barranquitas
- Bachelor in Science- Biology** June 2009-Dec 2013
Minor in Biotechnology
Inter-American University of Puerto Rico, Barranquitas

PROFESSIONAL EXPERIENCE

- Quality Assurance Technician** Oct-Nov 2018
Baxter Healthcare, Inc., Aibonito, PR.
- Associate Quality Control** June 2017-Nov 2018
Amgen Manufacturing Limited, Juncos, PR.
- Inter-American University of Puerto Rico, Barranquitas**
- Professor Assistant** Aug 2016-2017
*Chemistry, Biology, Microbiology and Biotechnology
Department of Sciences and Technology*
 - Lab Technician in Biotechnology** Jan-May 2016
Department of Sciences and Technology
 - Research/Lab Assistant in Biology/Biotechnology** June 2011-Dec 2015
Institute of Sustainable Biotechnology, (ISBiot)
 - Tutor**
 - **Biology/Biotechnology**, Dept. Science and Technology Aug-Dec 2015
 - **Sciences**, Upward Bound- TRIO Program Jan-May 2015

SKILLS & KNOWLEDGE

- Advance practice in design, conduct and perform science experiments using advance analytical laboratory methods, equipment and technologies:
 - Plant micropropagation, breeding, media culture and seed culture, electrophoresis (Agarose/SDS-PAGE), RT-PCR, cloning and sequencing, HPLC, GC-MS, UV/Vis Spectrometry, IR, DNA/RNA/protein isolation, quantification and characterization, phylogenetic analysis, animal cells/bacteria/fungi culture, dye techniques, contract/inverted fluorescence microscopy, others.
- Skills to execute aseptic/microbiological techniques, gowning qualification and PPE, and management of biological/chemistry waste and disposal requirements for EHS compliance.
- Ability to collect, record, evaluated, organize, present and interpreted laboratory data/result.
- Experience in Manufacturing Quality Assurance, revision/approvals: In-process documentation, Product Retention Records, Control Charts, Batch Records related, and assist on the generation

and investigation of non-conformities.

- Knowledge in regulatory agencies (FDA, OSHA, USDA, etc.) and compliance guidelines/process: ISO, SOPs, GMPs, GLPs and GDPs for biotechnology, biological, medical device, chemical and bioprocess product/industry.
- Practice in auditing routine manufacturing parameter and/or set-ups, product compliance, specifications, and audits of sampling techniques testing.
- Experience in QC Critical Reagents/Reference Standard Inventory management and Lab Distributions, shipping process of sample and products to US and non-US countries.
- Knowledge in computer, information systems and data analysis: Microsoft Office, PDF, oral presentations, CIMS, EDMQ, Maximo, QBMS, Trackwise, POMS, Bioinformatic tools, data scientist, internet tools and search and others.
- Strong skills to work in team and independently, tasks organization and leadership aptitude, deductive reasoning and critical thinking, dedicated, innovative, creative, quick learner and problem-solving. Effective written and verbal communication skills.

SCIENTIFIC RESEARCH

- Heavy metal stress and gene expression in plant stomata of *Arabidopsis thaliana* (2011-2015)
 - Plant Biology, American Society of Plant Biologists, Rhode Island, USA (2013)
 - 49th ACS JTM/34th PRISM, UPR, Cayey, PR (2014)
- Development of plants of *Musa paradisiaca* (plantain) resistant to *Bemisia tabaci* (2015)
- Phylogenetic Analysis of Orchids in the Center of Puerto Rico (2015-2016)
- Production of disease-free plantlets from *Arracacia xanthorrhiza* (2014)

REFERENCES

Available upon request.