

Dr. Boukli received her doctoral degree in Molecular Biology from the University of Geneva, Switzerland, where she worked in early molecular signaling events. She completed her postdoctoral fellowship at the University of Missouri where she gained more expertise in proteomics technology. She then joined the Universidad Central Del Caribe where she organized a high-throughput Proteomic Core Facility. Dr. Boukli has numerous peer-review articles and funded grants on these and related topics. She is interested in how endoplasmic reticulum stress responses and cell fate decision can regulate the network of apoptotic and survival signal events in different cells and systems and the anti-cancer and anti-HIV mechanistic effects of natural compounds for cancer and HIV treatment. Dr. Boukli been active in training young investigators, both individually (as a mentor and proteomics facility resource, post-doctoral fellows, undergraduate, medical students, Master and PhD trainees) and in the classroom (where she has developed a proteomics graduate-level course and several workshops on proteomics in clinical research). Dr. Boukli is fascinated by the power of mentoring in all its forms: formal mentoring, informal mentoring, peer mentoring, and speed mentoring, especially bridging the gap between senior career and early career scientists. She is excited to run the speed mentoring event at the SEASR 2022 conference, creating an atmosphere for engaged interactions and sharing knowledge and experiences in a fluid environment. Dr. Boukli was appointed to the SEASR Executive Board in 2017.