

Bénédicte DUBUC

benedicte.dubuc@univ-angers.fr

University of Angers, Faculty of Sciences 2 Bd de Lavoisier, 49000 ANGERS

Research and Training Technician

2021–2025 Research and Training Technician in Plant Experimentation and Production

Training Department: University of Angers (49), Faculty of Sciences, Department of Biology, Plant Biology Teaching Team

- **Manager of the pedagogical greenhouse:** Full management of a collection of 450 accessions, cultivation and maintenance of plants used in practical sessions, phytosanitary monitoring, stock management, and first-level maintenance/repair. Support for Bachelor's and Master's students in horticultural practice.
- **Purchaser** of products for greenhouse and garden cultivation.
- **Responsible for collecting** wild and cultivated plant samples and setting them up in practical rooms.
- **Manager of collections:** carpotheque (fruits), seminotheque (seeds), alcootheque (plant elements stored in alcohol), histotheque (thin sections) for use in plant biology practicals.
- **Manager/animator** of the shared pedagogical garden with students and staff.

Research Department: Institute for Horticulture and Seed Research (IRHS), UMR 1345 (INRAE/Institut Agro Rennes Angers/University of Angers), STRAGENE research team (Structure and Branching in Response to Genotype-Environment Interaction)

- **Supervisor** of cutting (800 cuttings/month), potting (550 plants/month), and pruning of roses (180 mother plants/month).
- **Purchaser** of non-laboratory products, following INRAE procurement procedures.
- **Collaborator** with researchers for phenotypic, phenological, and architectural measurements of studied plants.
- **Expert** in the use of specific measurement tools such as porometer, 3D digitizer, etc.

2008–2020 Senior Technical Assistant, 1st Class, in Plant Experimentation and

Production: Faculty of Sciences, University of Angers, UMR SAGAH, then ARCH-E team (Architecture and Environment) of UMR 1345 IRHS. Participation in cutting and potting activities.

2007 Fixed-term contract as Senior Technical Assistant, 2nd Class: Faculty of Sciences, University of Angers, INRA Angers-Beaucouzé.

Professional Training

- **2025:** Biocide disinfectant certification
- **Since 2013:** Individual professional certificate for plant protection products (Certiphyto) – Decision-maker in non-accredited companies, renewed every 5 years.
- **Since 2016:** Electrical certification Bo/Ho-BE maneuver-BS, renewed every 3 years.
- **Since 2016:** Workplace first aider (SST), renewed every 2 years.
- **Since 2013:** Evacuation officer, University of Angers.
- **2023:** Mental health first aid / Climate Fresk
- **2021:** R/R Studio software, level 1
- **2012:** Improved oral communication skills
- **2011:** Pest recognition and integrated biological protection, CNPH La Ménitrie (49)
- **2010:** Greenhouse management, ASFIS Alenya (66)

Professional Experience

- **2005:** SICAMUS PRODUCTION – Angers (49), FLORSERVICE – St Jean de Linières (49) – Temporary horticultural worker in hydrangea production and floral arrangements.
- **2004:** INRA Angers (49), Fruit Arboriculture Laboratory – Assistant in the layout of scientific articles in English from the 11th EUCARPIA Symposium on Fruit Genetic Improvement.
- **1991–2001:** CEBECO SEMENCES S.A – Bourges (18), Andard (49) – Study Engineer in varietal selection of field crops (wheat, corn, rapeseed): organization of work sites, scoring, hybridization, harvesting.
- **1988–1990:** INRA – Montreuil-Bellay (49), Rennes (35), Plant Improvement Laboratories – Experimental missions on vine, cauliflower, wheat, rapeseed.

Technical Skills

- Proficiency in horticultural, market gardening, and botanical activities, including recognition, production, propagation, and harvesting of plants.
- Conducting plant experiments, involving the setup of trials, application of observation, description, scoring, measurement, hybridization, and harvesting protocols.
- Phytosanitary monitoring and application of alternative treatments to chemical products.
- Use of measurement tools such as pH meter, conductimeter, etc.
- Observation and verification of plant material using microscope and binocular loupe.
- Compliance with environmental and safety standards for waste disposal.

Administrative Skills

- Proficiency in standard IT tools: writing, planning, data entry, presentation of experimental results.
- Management of purchases.
- Management of plant sample collections.
- Inventory of equipment.

Transferable Skills

- Ability to welcome the public in greenhouses, train interns, tutor students, supervise civic service volunteers, and organize work sites.
- Technical English proficiency for reading technical documents and conversing with foreign students.

Education

- **1991:** DEA in Agronomy and Plant Improvement – ENSA-University of Rennes (35)
- **1987–1990:** DEUG B, Bachelor's and Master's in Organism Biology – University of Angers (49), University of Rennes (35)
- **1986:** Scientific Baccalaureate – Lycée Schuman-Europe, Cholet (49)