

CV

February, 2021

Azeez Beebo, PhD



Academic Title: PhD
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PROFILE

I am a driven and energetic individual with a lifelong passion for scientific discovery. I have a Ph.D. degree in plant molecular and cell biology, with 10+ years of work expertise in life science area. Throughout my career, I acquired a diverse scientific expertise making it easy to engage in communication of cutting-edge science, or serve as an interface between researchers and the public sector. My colleagues often describe me as social, professional, flexible, problem solving with good planning and organisational abilities, thus contributing to a happy atmosphere in the team.

RELEVANT COMPETENCES:




- Expertise to use molecular biology and bioinformatics tools
- Experienced to perform PCR technology and data analysis
- Nucleic acid purification and analysis,
- Experience with SARS-cov-2: RNA isolation and qPCR analysis
- Good Manufacturing Practice (GMP)

CAREER OBJECTIVE

With a significant expertise in life sciences in both academic and bio-industry sector, I am now ready to take on new challenges to exercise my knowledge, to try out my leadership skills, but also to learn new things. The positions I am interested in are, laboratory engineer, project manager, product specialist, analytical scientist, data scientist, scientific writer.

My extensive scientific experience in leading and performing research projects has given me a better understanding of the challenges facing the development of new products. Thanks to my personal skills, my teaching experience and my knowledge, I can coordinate communications between scientists, industrials, salespeople and managers. I can sell products, educate, advise, investigate and manage projects in a wide range of scientific fields.

WORK EXPERIENCE AND ACHIEVEMENTS:

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tataabiocenter | <p>Scientist, TATAA Biocenter, Gothenburg, Sweden Sep.2019 – Present
I am working as scientist at TATAA Commercial Service Organization (CSO) unit, performing services through laboratory work performance, supports core facility customers, and contributes to the company's teaching programs</p> |
|  | <p>Business Owner, Teacher, Private teacher City of Gothenburg Feb.2017 – June2019
I have invested my skills in various tasks, such as language teaching, science and teaching methods. In addition, I worked as a student mentor and supervisor. As an achievement, my costumers obtained significant improvement of their results.</p> |
|  | <p>Guest Researcher University of Gothenburg April2016 – Sep. 2016
I worked on the role of mycorrhizal arbuscular symbiosis in plant growth and development. This was achieved by conducting laboratory experiments using molecular biology tools. In addition, I participated in the teaching of the qPCR technique to students and technical staff and contributed to the writing of a scientific article published in 2017.</p> |
| | <p>Post-doc Researcher University of Gothenburg Feb.2011 – Oct.2014
My research focused on the identification and the role of biological membrane proteins in the development of plant cells. I contributed to the co-supervision of a master's student, two undergraduate students, attended international meetings and published scientific articles.</p> |



Guest Researcher Paul Scherrer Institute in Switzerland

July 2014

Training, performing experiments using small angle neutron scattering (SANS) to study the structural changes of biological membranes at the microscopic level.



Post-doctor Researcher University of Linköping

Sep. 2010 – Feb.2011

I was involved actively in setup, planning and drafting research projects, and in co-supervision of master students



Research Engineer Welience-Agroalimentaire et bio-industriel and the University hospital of Dijon, France

Sep. 2009 – March2010

Contributed to the writing of an experimental protocol for use in the in vitro conservation of human red blood cells. Mouse and human red blood cells were used to achieve the goal.



Guest researcher Institute of life sciences, Louvain la Neuve, Belgium

April 2007

In order to study the biological function of an aquaporin gene named (TIP 4; 1) in Arabidopsis, I participated in a course on the microinjection of biological material into the *Xenopus laevis* oocyte model.

EDUCATION and DEGREES:



Ph.D. degree in Molecular & Cell Biology

2004-2008

University of Bourgogne-Dijon, Dijon, France

Tonoplast aquaporins of Arabidopsis : tissular expression, intracellular localization and expression mutants



Master degree in Agronomy Science

2002-2003

University of Nancy- Metz, France

In vitro Gynogenesis and androgenesis, study of tolerance to salinity in higher plants



B.Sc. Agricultural and biological sciences

1996-2000

University of Duhok. Duhok, Irak

SPECIAL COMPETENCES or TECHNICAL/LABORATORY SKILLS

Bioinformatics, Genetic engineering:

- Software applications: SnapGene, BLAST, ClustalW, Primers 3Plus, GenEx
- Molecular cloning & recombinant protein expression
- Genetic transformation of bacteria, yeast and higher plants

Molecular - cell biology and biophysics skills:

- PCR methods, performance and data analysis
- DNA, RNA extraction & quantification, fragment analyzer
- Protein purification, quantification
- fluorescence and Confocal Microscopy
- Photosynthesis specific methods: chlorophyll fluorescence, carbon fixation

Cell Culture and in vitro work

- In vitro cell culture
- In vitro synthesis of cRNA
- Microinjection of cRNA into oocytes
- Immunocytochemistry

Computer Skills

- Microsoft Office Suite, Word processing, Data processing and Presentation software
- Image Processing
- Illustration and video editing software

COURSEWORK AND EDUCATION

- Hands-on qPCR, TATAA Biocenter, Feb. 2020
- microRNA Analysis, TATAA Biocenter, Dec. 2019
- Good Manufacturing Practice (GMP) Intro Training. Svensk Medicin AB, Oct. 2019
- Regulatory Affairs and Good Distribution Practice (GDP). Svensk Medicin AB, Oct. 2019
- LI-COR (LI-6400XT) Training and study of carbon fixation in higher plants. LI-COR Biosciences, June 2012
- qPCR: Assay Design, Sample Preparation, and Gene Expression Analysis. Bio-Rad Laboratories, 2006

SELECTED HONORS and AWARDS

- Helge Ax:Son Johnsons Stiftelse, 2012
- Swedish Research Council, Forskningsrådet (Formas), 2010
- Swedish Research Council, Vetenskapsrådet, 2010
- Scholarship Award to pursue post-graduate studies. Ministry of Foreign Affairs - France Diplomatie, 2002

PEDAGOGIC EXPERIENCE and SUPERVISION

Throughout my career, I taught courses at different educational levels, from undergraduate to master. In addition, I worked as a business owner dedicated to private teaching and student mentor, and my clients ranged from undergraduate, gymnasium and even entrepreneurs.

Supervisions

- 2013-2014 Co-supervision of 1 master student (University of Gothenburg, Sweden)
- 2012-2013 Supervision of 2 bachelor students (University of Gothenburg, Sweden)
- 2007-2008 Co-supervision of 1 master student (University of Dijon, France)
- 2001-2002 Assistant lecturer (university of Duhok, Irak)

CONFERENCE PARTICIPATION

- Identification of biological transporter in Chloroplast Membranes with Role in Photosynthesis. International Workshop on Plant Membrane Biology (IWPMB2013), Kurashiki, Japan 2103. [Speaker].
- Involvement of Tonoplast Aquaporins in Photosynthesis. 11th Nordic Photosynthesis Congress (NPC11), Naantali, Finland 2012. [Poster]
- Characterisation of tonoplast aquaporin in Arabidopsis thaliana. 12th Young Researchers Meeting, Université de Bourgogne, France 2006. [Speaker]
- Tonoplast aquaporins and plant development. 8th European Endomembrane Meeting, Marly-Le-Roi, France 2005. [Poster]

LANGUAGES

English : Fluent in both spoken and written
French : Fluent in both spoken and written
Arabic : Fluent in both spoken and written
Swedish : Professional working proficiency
German : Basic knowledge
Kurdish : Mother tongue

PERSONAL

I enjoy reading, cooking, biking, swimming, listening to music, and meeting friends and family

REFERENCES and SCIENTIFIC PUBLICATIONS

Could be provided upon Request