

## INSTRUCTORS INFORMATION

**Dr. Voke Toye** is the Founder and CEO of Biologix Support Services Ltd. She has over 12 years of hands-on experience in molecular biology research techniques. In 2006, she pioneered pipette management services in molecular laboratories across Nigeria. She initiated collaboration between the Global Health Workshops Group, Cummings School of Medicine, University of Calgary and the Department Cell Biology and Genetics, University of Lagos, Nigeria (<https://www.ucalgary.ca/workshops/news>). Voke successfully organized three intensive hands-on molecular biology workshops in “DNA BASICS” and Bioinformatics at the University of Lagos. Her research interests focuses on modulating the genotoxicity of hydroxyurea used in sickle cell anemia (SCA) management and molecular methods for diagnosing SCA.

Dr. Toye received her PhD in Molecular Biology from the University of Lagos, Masters in Biomedical Technology (MBT) from the University of Calgary, Alberta Canada and a BSc in Biology from the University of Lagos. She is also a Lagos Business School (LBS) Alumni, and was among the recipients of the 100 Leaders of Tomorrow Award in Biotechnology at the GapSummit Conference University of Cambridge UK, 2016 <http://globalbiotechrevolution.com/2016/06/05/thabi->

**Dr. Tawakalt Fagbayi** is currently a lecturer at the Department of Cell Biology and Genetics, University of Lagos. She has over 8 years hands-on experience in molecular biology research. She has been a co-facilitator/trainer of “DNA BASICS” and “MOLECULAR WORKSHOPS” at the Department of Cell Biology & Genetics, since its inception at University of Lagos alongside Dr. Voke Toye.

Dr. Tawakalt’s research focuses on individuals with autism spectrum disorders in Lagos Metropolis. She is committed to research support and mentorship using genetic approaches. Dr. Tawakalt received both her Bachelor’s and Master’s degree in Cell Biology & Genetics and her Doctoral degree in Cell & Molecular Biology from the University of Lagos. She is the recipient of several local and international awards and has had numerous trainings in molecular genetics, molecular biology computational neuroscience, neurogenetics and forensic biology. She has also attended both local and international conferences.

**Biologix Support Services Ltd.**

**56C, Olorunlogbon Street, Anthony**

**Village, Maryland, Lagos**

## About Biologix

Biologix Support Services Ltd (RC: 673500) is an indigenous biotechnology company positioned to provide world-class support services to the emerging bioscience and biotechnology industry — food and beverage, medical diagnostics, pharmaceutical, agriculture, environment as well as universities, research institutions, major hospitals and other related institutions in Nigeria. At Biologix, the development of Nigeria’s bio-economy is one of our key objectives and one vital step in achieving this is through focused training at all levels; Biologix recognizes the urgent need to fill the skill gap in Nigerian graduates and build the capacity of our local human resource through hands-on training on molecular biology techniques. The outcome will be innovations that will gradually reduce our reliance and dependence on foreign expertise in the bioscience field and local production of essential biologicals used in manufacturing of food, drugs, disease diagnosis and life science research. As a pioneer in quality life sciences services, we offer training for high schoolers, researchers, professionals in life science industries such as, pharmaceutical, medical diagnostics and biotech.

### HOW TO REGISTER

Kindly send an email to

[info@biologix.com.ng](mailto:info@biologix.com.ng)

to enquire about space availability and payment instructions

For updates on training and other services at Biologix

Visit our website

<http://www.biologix.com.ng>



## Training and Capacity Building in Molecular Biology — DNA Basics and Bioinformatics

March 26th — 30th, 2018

Anthony Village, Lagos

### COURSE DESCRIPTION

Molecular biology is the study of life at the molecular level. It deals with interactions between the sundry systems of the cell such as the interactions between DNA, RNA and protein synthesis as well as their regulations. Bioinformatics deals with the storage, and retrieval of biological data from databases with the aim of extracting insightful information from them. Knowledge of molecular biology techniques is applicable in a bevy of fields— medicine, drug design and manufacture, biotechnology, diagnostics, personalized medicine, forensic science etc.

The course will provide knowledge and skills in molecular biology techniques and bioinformatic analysis; the format of the training includes lectures, bench work, and computer labs with exercises and hand in assignment.

At the end of the course, participants would be conversant with molecular biology terminology, know the different techniques and their applications in molecular and bioinformatic analyses of biological systems.

