



PRESENTS:

HANDS-ON TRAINING WORKSHOP ON

Applied Biotechnology and Molecular Biology

BASIC COURSE: Mon. 18th – Wed. 20th, July, 2022
ADVANCED COURSE: Thurs. 21st – Sat. 23rd, July, 2022

BASIC COURSE

FEATURING:

- // Health and safety regulations and bioethics
- // Introduction to DNA structure
- // Overview of gene expression and regulation
- // DNA Isolation
- // Polymerase chain reaction (PCR) and gene amplification
- // Agarose gel electrophoresis
- // Restriction fragment polymorphism

ADVANCE COURSE

FEATURING:

- // Basic principles of cell and tissue culture
- // Isolation and culturing of mammalian cells
- // RNA isolation and cDNA synthesis
- // Semi-quantitative and real-time PCR
- // Primer design and mapping
- // Plasmid mini-prep
- // Gene cloning and transformation

HOW TO REGISTER: TO REGISTER, VISIT WWW.BREACNIGERIA.ORG/BIOTECHNIQUES2022 or WWW.KINGSUNIVERSITY.EDU.NG TO DOWNLOAD THE APPLICATION FORM. ALL PAYMENTS SHOULD BE SENT TO: BIOSCIENCE RESEARCH EDUCATION AND ADVISORY CENTRE, BANK: ZENITH, ACCOUNT NUMBER: 1013453148. SEND COMPLETED APPLICATION FORM TOGETHER WITH PROOF OF PAYMENT TO: ADMIN@BREACNIGERIA.ORG.

COST: BASIC COURSE: NGN 50,000 ADVANCED COURSE: NGN 60,000 BOTH: NGN 100,000
THE FIRST 20 PARTICIPANTS FOR EACH TRAINING WORKSHOP WILL RECEIVE A FREE DNA EXTRACTION KIT.

**FOR FURTHER INFORMATION,
 PLEASE CONTACT:**

Breac's Representatives:
 Gbenga (+2347031802629)

Kings University's Representative:
 Dr. Chinonso Ukaegbu
 (+2348079603163)

All email enquiries to be directed to
admin@breacnigeria.org AND
ci.ukaegbu@kingsuniversity.edu.ng

FACILITATORS



DR. OPEOLU OJO
 Senior Lecturer in Biotechnology
 University of Wolverhampton,
 Wolverhampton, UK



PROF. ADENIKE KUKU
 Vice Chancellor,
 King's University, Ode-Omu



DR. OMENA OJUEDERIE
 Senior Lecturer &
 Ag. Director of Research and Dev.
 King's University, Ode-Omu