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TRAINING CATEGORIES

Category A: Introductory Abridged Course on Molecular Biology

Training fee: ₦25,000

Cohort of: 10 trainees

Duration: 3 days

Lectures	
1	Bio-risk management (Biosafety and biosecurity)
2	Pipetting techniques and calibration
3	Introduction to molecular biology
4	Principles of PCR
5	Principle of nucleic acids isolation
6	Gel electrophoresis
Hands-on	
1	Pipetting techniques
2	Isolation, purification and quantification of DNA
3	PCR
4	Use of biosafety cabinet
5	Agarose gel casting
6	Gel electrophoresis and documentation
7	Basic Bioinformatics

Category B: Intermediate Course on Molecular Biology

Training fee: ₦40,000

Cohort of: 10 trainees

Duration: 5 days

Lectures	
1	Bio-risk management (Biosafety and biosecurity)
2	Pipetting techniques and calibration
3	Introduction to molecular biology
4	Principles of nucleic acids isolation
5	Principles of PCR
6	Reverse transcription PCR
7	Introduction to Real time PCR
8	Gel electrophoresis
9	DNA sequencing
Hands-on	
1	Pipetting techniques
2	Use of biosafety cabinet
3	Isolation, purification and quantification of DNA
4	PCR
5	Agarose gel casting
6	Gel electrophoresis and documentation
7	Real time PCR
8	Bioinformatics: NCBI, Sequencher, FinchTv

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