



**FACULTY OF CLINICAL SCIENCES**  
**COLLEGE OF MEDICINE, UNIVERSITY OF LAGOS**



# **13<sup>th</sup> Annual Scientific Conference & Gathering**

## **THEME**

**Environmental Virology,  
Exposomics and Epigenetics**

## **VENUE**

Old Great Hall, College of Medicine,  
University of Lagos, Idi Araba,  
Lagos State

## **DATE**

**WEDNESDAY 8<sup>TH</sup> JUNE 2016**

## **TIME**

**8.00 am - 5.00pm**

**• PROGRAMME & BOOK OF ABSTRACTS •**

# PROGRAMME & BOOK OF ABSTRACTS

FACULTY OF CLINICAL SCIENCES,  
COLLEGE OF MEDICINE, UNIVERSITY OF LAGOS

## 13th Annual Scientific Conference and Gathering

THEME

**Environmental Virology, Exposomics and Epigenetics**

SUBTHEMES

**Non-communicable diseases: environmental and genetic influences**  
**Public health financing and resource limitation**

CHAIRMAN

**Professor Rahamon A. Bello**  
Vice Chancellor, University of Lagos

SPECIAL GUEST OF HONOUR

**Dr. Olajide Idris**  
Honourable Commissioner for Health, Lagos State

GUEST SPEAKER

**Professor Sunday Aremu Omilabu**  
Professor of Virology  
College of Medicine, University of Lagos

VENUE

Old Great Hall, College of Medicine, University of Lagos, Idi Araba

**DATE:** Wednesday June 8<sup>th</sup> 2016    **TIME:** 8:00 am – 5:00 pm

**Conference website**

[www.cmulfcconference.com](http://www.cmulfcconference.com)



## MOTOR CYCLE EXTREMITY INJURIES POST-RESTRICTION OF COMMERCIAL MOTOR CYCLE RIDERS IN LAGOS: OUR EXPERIENCE IN LUTH.

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**Background:** Injuries of the extremity are most common following motorcycle accidents. The Lagos State Government enacted a law on 2<sup>nd</sup> August 2012 to restrict commercial motorcycle riders from plying 475 roads, bridges, expressway and double carriage roads in Lagos with the aim of reducing the incidence of motorcycle-related road traffic accident (RTA). This study evaluated the frequency of motorcycle extremity injuries and associated injuries in patients with motorcycle-related extremity injuries in Lagos.

**Methods:** This was a 1 year prospective study of all patients that presented at the Lagos University Teaching Hospital (LUTH) with motorcycle extremity injury.

**Results:** Two hundred and eighty-five (285) road traffic accident (RTA) victims were seen during the period of this study. One hundred and forty-one (49.5%) patients sustained injuries to the extremities from motorcycle accident. The male: female (M: F) ratio was 2.8:1. The peak age was 30-39 years in 46 (32.6%) patients with a mean age of  $31.8 \pm 16.1$  years. Majority 56 (39.7%) of the victims were motorcycle riders. Motor vehicular – motorcycle collision 60 (42.6%) was the commonest mechanism of injury. One hundred and sixty-one (161) extremity injuries occurred with abrasions as the commonest type of injury in 90 (55.9%) patients followed by fractures in 55 (34.2%). Combined tibia and fibula fracture was the commonest type of fracture and occurred in 33 (60.0%). One hundred and one (101) patients had associated injuries with head injury 95 (94.1%) as the most frequent association. Twenty-four (17.0%) mortalities were recorded.

**Conclusions:** Despite commercial motorcycle restriction in Lagos, motorcycle accident still accounts for a major cause of road traffic accidents. Therefore, strict enforcement of the traffic law will reduce morbidity and mortality associated with motorcycle accidents.

**Keywords:** Motor cycle accidents, trauma, fractures, Lagos, road traffic accidents

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