



FACULTY OF SCIENCE AND EDUCATION

THE WORLD PI WEEK: PUBLIC LECTURE

Primary Immunodeficiency Disorders; *TPYES, CAUSES AND, STATUS QUO IN UGANDA*

Date: Wednesday, April 27 2016

Venue: FSE-Nagongera Campus Library

Time: 2-3 Pm.

Presenter: Barugahare John Banson
Senior Lecturer, Biomedical Expert and Nobel Prize Nominee

Summary

Primary Immunodeficiency Diseases (PIDs) are outcomes of genetic defects and are attributed to a dysfunctional component or components of the immune system. PIDs present exclusively at birth, through infancy- with rare cases in adulthood. Severe PIDs are more pronounced after six months when the maternal passive immunity wanes. PIDs are fatal when not appropriately diagnosed and managed. Certain PID classes even compromise vaccination efforts, because, the affected infants and children do not benefit from vaccines. Current estimates of PIDs - incidences for all continents include: Europe (10%); Latin America (18%); USA (13%); Australia/New Zealand (13%); Asia (18%) and Africa 31%. It is worth noting that Africa has the highest incidence yet, only Egypt, Morocco, SA and Tunisia have been so far mapped.

Nevertheless, following the establishment of the **African Society for Immunodeficiencies (ASID)**, there is PIDs awareness rollout in other African countries including Uganda. In fact, the first PIDs awareness workshop was held last year, **April 24 2015, at Hotel Africana under the theme; PIDs awareness; Causes, Diagnosis and Management**. At the same time, we participated in the WPI week event.

World PI Week is a global campaign which aims to raise awareness and improve diagnosis and management of PIDs. It is important to note that I was the Chief organiser of the workshop and the WPI event. I am once again spearheading the event in Uganda this year. It is against this background that I wish to deliver the public lecture as one of the events in the country.