## REGULATORY ISSUES FOCUS: REGISTRATION, THE ASAQ EXPERIENCE

John H. Amuasi (Bsc. MBChB. MPH.) Ag. Head, R&D Unit Komfo Anokye Teaching Hospital Kumasi, Ghana

amuas001@umn.edu

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## The mandate of the WHO Intergovernmental Working Group

#### WHA 59.24 (May 2006)

"to draw up a global strategy and plan of action in order to provide a medium-term framework" with the ultimate goal of "securing an enhanced and sustainable basis for needs-driven, essential health research and development relevant to diseases that disproportionately affect developing countries, proposing clear objectives and priorities for research and development, and estimating funding needs in this area".



#### Pharmaceutical, Medical and Health-related Government and Regulatory Bodies around the world (I)

- Medicines and Healthcare Products Regulatory Agency (MHRA)
- The Food and Drug Administration (FDA)
- EMEA The European Agency for the Evaluation of Medicinal Products
- FDB The Food and Drugs Board
- A directory of links to pharmaceutical, medical and healthrelated government and regulatory bodies around the world.

http://www.pharmweb.net/pwmirror/pwk/pharmwebk.html

#### Pharmaceutical, Medical and Health-related Government and Regulatory Bodies around the world (II)

- Mainly national agencies
- Often supported by strong legislature (Acts of Parliament)
- Major responsibility is to assure safety, efficacy and quality of foods, dietary supplements, drugs, psychotropic substances, vaccines, biological medical products, blood products, medical devices, radiationemitting devices, veterinary products, nacortics, household hazardous substances, cosmetics, etc. (List varies)
- The assurance in safety, efficacy and quality of drugs is accomplished by two main processes i.e. pre-marketing control and post-marketing control/surveillance.









# key steps in the drug approval process (FDA - USA)

- Synthesis & Purification
- Animal Testing (short term)
- Animal Testing (Long-term)
- Institutional Review Boards.
- Phase 1 Clinical Studies.
- Phase 2 Clinical Studies.
- Phase 3 clinical studies.





### INTRODUCTION TO THE FIXED-DOSE ARTSUNATE-BASED COMBINATION THERAPY (FACT) PROJECT

- FACT project: Promotes antimalarial treatment policy changes and development of adapted drug combinations.
- Managed by the DNDi. Clinical studies coordinated and funded jointly by the DNDi and the WHO/TDR.
- Manufacturing, registration and distribution of AS/AQ to the public, and also the private markets by Sanofi-aventis
- Developed fixed dose combinations of <u>Artesunate/Amodiaquine (AS/AQ) & Artesunate/Mefloquine</u> (AS/MQ)





















