Building Global HIV/AIDS Clinical Pharmacology Research Capacity
Tuesday 19 July 2011, 07:00 am - 08:30 am, in Mini Room 1

Satellite Program Goals:

- Discuss needs and approaches to capacity building for HIV/AIDS clinical and translational pharmacology research and mentoring with a focus on current and investigational drug treatment for HIV/AIDS and tuberculosis.
- Discuss needs and approaches to capacity building and quality assurance for clinical and translational pharmacology research and mentoring in key programmatic themes including pharmacokinetics, pharmacodynamics, pharmacogenomics, pharmacoinformatics and pharmaco economics with targeted training in medication adherence, drug interactions, traditional medicines, bioequivalence testing, integrating therapeutic drug monitoring and viral load/resistance tests and biochemical and clinical adverse effect monitoring.

Mobilizing Resources to Address Global Clinical Pharmacology Capacity Needs

Gene Morse, PharmD, University at Buffalo, State University of New York

- Overview of current HIV, TB and Malaria implementation research priorities in coming decades
- Human resources for research: Needs on an African basis
- Building multidisciplinary teams including physicians, nurses, pharmacists, laboratory scientists, pharmacologists, virologists, immunologists and others

HIV and TB: Capacity Challenges to the use of Current Drugs and Developing New Drugs
Kim Scarsi, PharmD, Northwestern University

- Overview of HIV and TB therapeutic challenges
- Challenges in TB Therapeutics Research and Drug Development
- Drug Interactions and TB drug development challenges

HIV and Traditional Medicine Use in Africa: Capacity Challenges to Implementation Research
Chiedza Maponga, PharmD, University of Zimbabwe

- Overview of HIV and Traditional Medicine use in Africa
- Challenges to Drug Interactions Research with Traditional Medicines
- Strategic planning for developing traditional medicines research programs

Capacity Challenges to Drug Interactions and Pharmacogenomics Research
Giovanni DiPerri, MD, University of Turin

- Current challenges to conducting drug interactions research
- Developing research capacity for pharmacokinetics and pharmacogenomics
- Training the next generation of HIV pharmacogenomics researchers

Quality Assurance Planning for HIV Clinical Pharmacology Capacity Building
Robin DiFrancesco, MBA, University at Buffalo, State University of New York

- Current HIV Clinical Pharmacology Quality Assurance initiatives
- Integrating HIV and Important Co-Infections Research in Quality Assurance planning
- Integrating Quality Assurance with Clinical Research Capacity Building

HIV Clinical Pharmacology Capacity Building: Establishing Regional Centers of Excellence
Kim Scarsi, PharmD, Northwestern University

- Regional Planning for HIV Clinical Pharmacology Capacity
- Establishing Centers of Excellence to Meet Training and Resources Needs
- Developing an integrated research capacity building through the Center of Excellence approach

Panel Discussion/Audience Q&A:
Sponsored by the University at Buffalo, AIDS International Training and Research Program: Grant # D43TW007991-01A2