PHARMACOKINETICS TRAINING 11TH TO 22ND MAY 2020

INTRODUCTION:
Pharmacokinetic is a branch of pharmacology which looks at the rate at which a chemical substance usually a drug changes from when it enters the body up to when it is completely eliminated. This includes chemical metabolism, distribution of the drug and it’s metabolites in the body, route of excretion and the attached time duration to undergo all these processes.

Pharmacokinetics is an important aspect in clinical trials involving new drugs or drug formulations where safety and dosage are primary objectives, but also in monitoring compliance/ adherence to treatment with already approved drugs. This course is organized for the purpose of building capacity within East African Institutions involved in conducting clinical trials and where pharmacokinetics knowledge and expertise can have impact on study design, data management and analysis.

The course has been organized by EACCR-2 funded by EDCTP and is coordinated from the Training Node at KCRI, Moshi Tanzania in collaboration with the Muhimbili University of Health and Allied Health Sciences (MUHAS) department of Pharmacology. The course will be offered by experts from MUHAS and from outside Tanzania.

OBJECTIVE OF THE COURSE:
To describe in detail the principles of clinical pharmacokinetics; including factors that affects drug absorption, distribution, metabolism, excretion, and binding.

To describe the application of pharmacokinetic principles in the process of monitoring, evaluating and adjusting dosing for patients.

To learn through critical thinking and problem-solving exercises that relate to drug dosing and monitoring functions which are commonly performed in clinical practice and method validation.

WHO IS ELIGIBLE TO APPLY?
To be eligible for the course you must fall under one of the following professional category:
- Bio-analyst/Analytical scientist
- Pharmacist
- Laboratory scientist
- Clinical doctor
- Clinical Nurse

In addition, in order to be eligible for EACCR support (only 15 places are available):
- Applicants must be from institutions affiliated with EACCR such as hospitals, laboratories, research institutes and clinical sites directly linked to EACCR partner institutions within East Africa.
• Applicants with nomination/recommendation letters from EACCR institutions showing their involvement in ongoing clinical trials and who are likely to apply this knowledge to make an impact will be given priority.

NB: Applicants who can sponsor themselves or who have other sources of funding are encouraged to apply. You can contact the course secretariat for the course budget.

EACCR SUPPORT
For successful candidates EACCR will support travel costs and hotel, hotel transfers, meals and refreshments during the course, course materials and a minimum out of pocket amount to cover dinner and meals on weekends. No per diems will be paid.

HOW TO APPLY
Eligible prospective applicants should send a CV and a short letter describing their eligibility for the course to the email address: e.kussaga@kcri.ac.tz copied to r.kavishe@kcri.ac.tz before 28th February 2020. The letter should describe the employing institution, day to day roles and responsibilities and whether the candidate wishes to apply for the EACCR support. Applicants may seek a recommendation letter from their head of Institution. Only one recommendation should be sent and must be short and concise on how the institution will benefit from the candidate’s training on this particular course.

When necessary professional certificates may be requested. For details on EACCR and its partner institutions please visit: https://eaccr.org/partners
Selected candidates will be notified within 5 days from the closing date of applications.