Education and training for medicines development, regulation, and clinical research in emerging countries

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Abstract:

Global educational efforts appropriately focused according to local needs are required for supporting science-based rational therapy with conventional and biological agents, vaccines, and drug-medical device combinations worldwide. The 17th World Congress of Basic and Clinical Pharmacology in Cape Town, South Africa offered a unique opportunity to discuss with experts working in differently developed environments the current state and challenges of education and training for medicine development, regulation, and clinical research in Low and Middle Income Countries (LMICs). The goals were to understand and appraise the magnitude of the educational needs of lesser developed countries and to formulate teaching concepts for covering the identified topics in the respective scientific fields. Finally, the practical approach and financial backing needed to realize such programs were discussed to appraise possible risks involved. The satellite workshop was organized in cooperation with the Fundisa African Academy of Medicines Development and the Hungarian Society for Experimental and Clinical Pharmacology, under the joint scientific auspices of the Innovative Medicine Initiative-PharmaTrain project [IMI-PhT] (2015) and the International Federation of Associations of Pharmaceutical Physicians and Pharmaceutical Medicine [IFAPP] (2015). The lecturers were selected to represent regional experts working at local universities, regulatory agencies, pharmaceutical companies and other organizations. Other speakers were recruited from PhT course providers and IFAPP member organizations engaged in educational activities in various regions of the world. The topics of the workshop were divided into five subject areas which will be discussed separately below.

publikálás ideje: 2014/04/15 Frontiers in Pharmacology link [1] Open / Download in PDF format [2]

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