



TO PHARMACEUTICAL MEDICINE PROFESSIONALS

Dear Colleagues,

As the medicines development enterprise enters a new complex era, the need for a comprehensively educated and trained workforce is an important priority.

Competency-based education (CBE) is an emerging discourse in health professions' education and has been adopted by numerous academic institutions and professional organizations around the world. CBE is organized around competencies (observable abilities integrating knowledge, skills, values and attitudes) to perform effectively in a determined function. IFAPP, the International Federation of Associations of Pharmaceutical Physicians & Pharmaceutical Medicine, and PharmaTrain were able to identify the core competencies at the cognitive level (<http://journal.frontiersin.org/article/10.3389/fphar.2013.00105/full>) which currently serve as the foundation for the PharmaTrain and IFAPP didactic educational programs.

The full core competencies may serve as the foundation for vocational education and training, creation of job portfolios and job profiles and serve as a guide for individual assessment and continuing professional development. However, a proper validation by domain on geographic and functional bases is necessary. The feedback of any pharmaceutical medicine professional would be invaluable.

You are kindly invited to answer this global on-line survey and share it with your colleagues from your country or from any other place world-wide <https://goo.gl/forms/SaLMUdBJKqpficq1>.

The survey is made of short questionnaires asking respondents of their competence **level by domain**, significance of the competencies to their position and training needs for the competencies in each of the 7 domains. It would take not more than 10 minutes to complete this survey. We hope to receive as many responses as possible and that **this global survey will be completed by end of July, 2017**. The feedback from the maximum number of responders is critical to define the next steps in the validation of the competencies needed to perform effectively in medicines development and the practice of pharmaceutical medicine.

With appreciation for your collaboration

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Global survey

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Attachment:

STATEMENT OF COMPETENCE

The Pharmaceutical Physician/Drug Development Scientist:

- Is able to identify unmet therapeutic needs, evaluate the evidence for a new candidate for clinical development and design a Clinical Development Plan for a Target Product Profile.
- Is able to design, execute and evaluate exploratory and confirmatory clinical trials and prepare manuscripts or reports for publication and regulatory submissions.
- Is able to interpret effectively the regulatory requirements for the clinical development of a new drug through the product life-cycle to ensure its appropriate therapeutic use and proper risk management.
- Is able to evaluate the choice, application and analysis of post-authorization surveillance methods to meet the requirements of national/international agencies for proper information and risk minimization to patients and clinical trial subjects.
- Is able to combine the principles of clinical research and business ethics for the conduct of clinical trials and commercial operations within the organization.
- Is able to appraise the pharmaceutical business activities in the healthcare environment to ensure that they remain appropriate, ethical and legal to keep the welfare of patients and subjects at the forefront of decision making in the promotion of medicines and design of clinical trials.
- Is able to interpret the principles and practices of people management and leadership, using effective communication techniques and interpersonal skills to