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Editorial

New Analytical Methods for a New Awake Society

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Quality control of products is one of the most serious issues currently facing the pharmaceutical industry. Therapeutic agents are being produced at an accelerated rate. Pharmaceutical manufacturing companies are licensed facilities that concept, develop, pack, store and commercialize drugs. Therefore, these are the five keys to pharmaceutical product quality control which can be discussed by an internal pharmaceutical industrial committee. For the first step, the correct planning should be assessed in order to concept the important principles to crystallize the good product. Therefore, to ensure the quality of medicinal products, pharmaceutical companies must adhere to strict government regulations and guidelines regarding quality assurance. In this scenario, the second step can be implemented according the specifications and guidelines previously written. In the end of this stage the quality control sector will be approved (or not) the manufactured product, which can became known the internal judge of the pharmaceutical company. International collaborators are developing new and sophisticated analytical methods to evaluate the quality more rapid and safer. New analytical platforms can also reduce amount of solvents and reagents spent allow less residues. Platforms of analytical methods can offer important advantages such as less time consuming, less material and obviously less residues to treat, and finally an inside and outside healthy environment. With economic restraint a dominant factor, quality control is eager to find more cost-effective ways to rectify producers about the quality of their products, and this is where knowledge advances and technology can come in. Moreover, drugs should be perfectly packed in order to keep the planned quality. Therefore, this third step should be followed with quality and visual criteria to reach the external segments in the population. Obviously the forth step have to distribute and store the manufactured product in optimal conditions until and during its consumption by client assuring the good quality to producer and also customer. In this way, it is focus the fifth point, where the market pharmaceutical product should attend all concern about a health and welfare of our global population.

To summarize, we, academic professional, pharmacists or chemists, would like to share our thoughts and abilities to develop and optimize environmental safety analytical methods focusing in a new era to prepare new products for a new society.

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