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Development of a new additional method to distinguish the invalid drugs and detect drug validity

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The threats and risks of the invalid drugs like expired, counterfeit, Substandard, falsely labeled- are many and wide variety and the efforts- as the regulatory institution's efforts and the recorded expire date on the drug container- are not enough to prevent this problem. As well as, the recorded expire date on the drug container can be cheated and not accurate. So, in this research, I found some answers and I designed, tested a design and developed an additional, simple, rapid and a more accurate way and suitable for public people to recognize too. This design I called it The Validity Investigator Spot (VIS). To identify and distinguish the invalid drugs and valid drugs by only identifying the color of this small spot that put in a suitable place on the drugs containers, such as Capsules, tablet, syrup. Depending on the difference between the pH between valid drug media and invalid one, that can be detected by suitable pH. This method is suitable for most drugs, most ingredients, most pharmaceutical forms of drugs, suitable for some types of food and canned food. And I recommend this method to be applied by drugs manufactured companies for all drugs as possible. And It is a good step for drug manufacturing and development, too.

Biography

Sameh Monir Abdou Desouki working as a Clinical Pharmacy Specialist and researcher at Gizan Public Hospital, Kingdom of Saudi Arabia. His research interests are clinical pharmacy, drug safety, hospital pharmacy, clinical studies.

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