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Survey on awareness, perception and extent of usage of nutraceuticals and dietary supplement in local region of Uttar Pradesh, India

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In recent years there has been growing interest in nutraceuticals which provides health benefits and is providing preventive options for the ageing population worldwide for keeping them away from various lifestyle diseases. Along with the growing healthcare industry in India there is an emerging trend in growing consumerism for 'Fast Moving Healthcare Goods (FMHG)'; worldwide known as Nutraceuticals, which are by definition, ingredients with human health benefits beyond basic nutrition. According to available estimates, nutraceuticals market in 2007 was INR 18.75 billion and expected to grow at 20% CAGR to achieve a market size of INR 27 billion in 2009. Global nutraceuticals market is estimated at USD 120 billion in 2007 growing at 7% (CAGR). The US has been the major market for nutraceuticals with India and China becoming fastest growing markets. Indian nutraceuticals market in 2008 was USD 1.0 billion and globally this market is expected to reach USD 180 billion in 2013 growing at a CAGR of 7% driven by the fastest growing dietary supplement category. Nutraceuticals are gaining acceptance globally for their ability to address several diseases. Vitamins, Minerals and Nutrients constitute about 85% of the global market while antioxidants and anti-agents account for 10% other segments such as herbal extracts occupy 5% of the market. To actualize the growth rate and the demand of nutraceuticals in the local region of Uttar Pradesh like Ghaziabad, Noida and Greater Noida. The present survey study has been conducted and the survey data was portrait and presented in the pictorial & graphical manner for better understanding.

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Regulatory framework in Cuba

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Cuba is an island located in the Caribbean Sea, with a health policy totally free for the citizenship. Cuba has 857 essential drugs in the Drug Basic Framework and more than 50% is manufactured in the country. These products are mostly generic drugs. On the other side Cuba has important production of therapeutic vaccines and other biological products. Taking into account the previous information, is very important the quality control, safety and efficacy of the drugs and this is the main mission of the Cuban Regulatory Agency (CECMED, picture included). This work will describe the functions, scope and structure of the regulatory agency as well as the main results gotten. CECMED is a reference regulatory agency in Latin America. The main regulations related with the registration of the drugs will be shown. Another important aspect is; how to carry out Clinical trials in Cuba, the certification process of clinical sites in Cuba. The main challenges for regulation will be analyzed. In conclusion, Drug Regulatory Authorities should ensure the quality, safety and efficacy of medicines.

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