Current Trends in Pharmaceutical Innovations

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Journal of pharmacy & pharmaceutical sciences Volume 5, Issue 2 had published 14 articles of research and review articles accepted from across China, Denmark, Germany, Slovakia, Nepal, France, Sweden, Malaysia, Sudan and Korea.

Lin Zhang et al., aimed to prepare rhubarb total anthraquinones oral colon-specific drug delivery granules (RTA-OCDD-GN) for delivering rhubarb free anthraquinones to colon. Author was successful in preparing a double-layer coating process using chitosan as an inner layer and Eudragit S100 as an outer layer. His findings suggest that RTA-OCDD-GN could reduce nephrotoxicity through reducing drug accumulation and increased excretion; further these efforts could provide theoretical support to the clinical application of rhubarb [1].

Denmark researcher Jimmi Elers, had presented systematic review to examine whether add on therapy with vaginal estrogen exerts cause any benefits or side effects on urgency urinary incontinence in postmenopausal women. Author retrospectively analyzed previous data on the urinary incontinence in postmenopausal women. His study findings state that there is a lot of scope for further studies [2].

Author Cedric Demtroder, tried to examine the PIPAC process to ascertain the instruments contaminated with chemotherapy and to define the effective level of contamination of these instruments before and after sterilization. In accordance with the current Germany regulatory guidelines, re-sterilization procedure is not admissible. His findings suggested several approaches related to this issue and the current practice PIPAC with conventional reusable video-laparoscopic equipment is perfectly safe [3].

Hang-Xing Xiong., investigated on the in-vitro interaction of ASP with HSA using 3D fluorescence spectra, ultraviolet spectra, CD spectra and molecular modeling method. One of the significant factors to be considered on the pharmaceutical action of drugs is their binding tendency to plasma proteins. Research findings were in line with the previous findings and despite large errors in the measurements of fluorescence quenching, inner-filter absorption [4].
REFERENCES