



Journal of Food and Drug Analysis



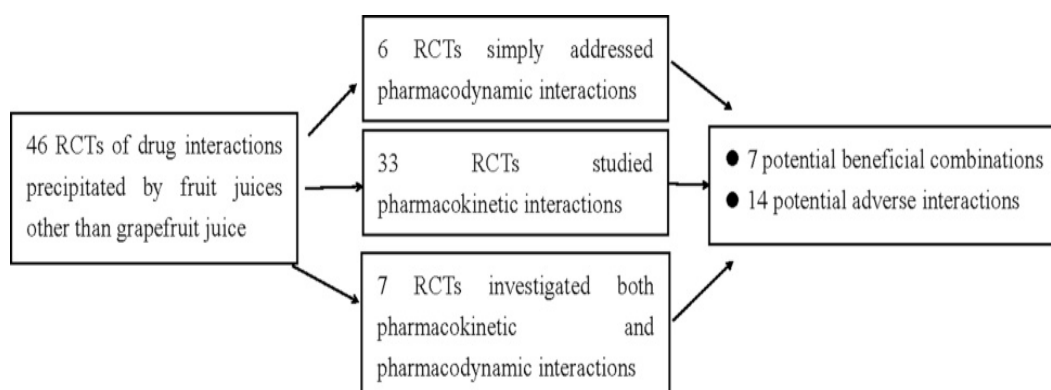
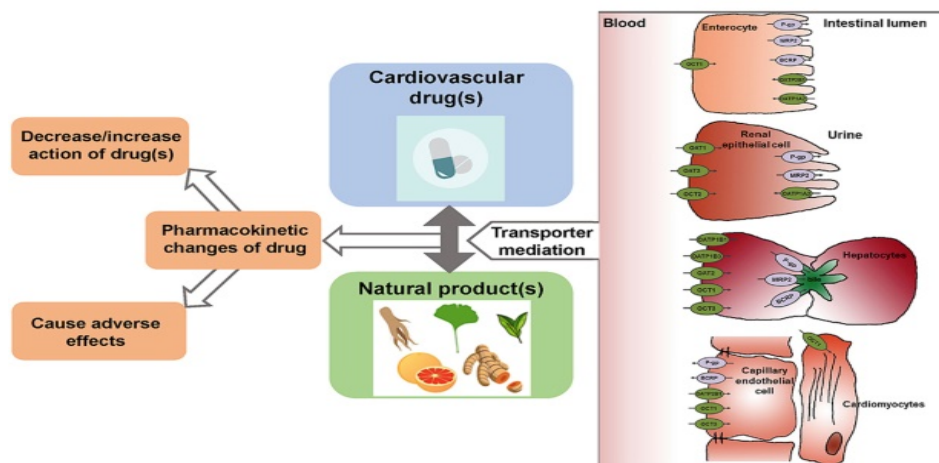
Volume 26 • Issue 2

Supplement

April 2018

Benefits or Risks: the Interactions of Drugs with Herbs, Foods, Dietary Supplements and Adjuvants

Unexpected critical interactions of drugs with herbs, foods and dietary supplements are still emerging in clinical settings nowadays. This special issue presented ten review articles concerning update information of drug interactions, covering from bench and clinical studies to regulatory viewpoints. The collective insights of these reviews would definitely extend the frontier of drug interaction studies in basic researches and clinical trials as well as advance the regulatory system to ensure the efficacy and safety of pharmaceutical care for patients.



<u>Preface</u>	1-2
1. <u>Risk undermined in the bilateral pharmaceutical regulatory system in Taiwan</u>	3-11
2. <u>A regulatory science viewpoint on botanical–drug interactions</u>	12-25
3. <u>PXR as a mediator of herb–drug interaction</u>	26-31
4. <u>Transporter-mediated natural product–drug interactions for the treatment of cardiovascular diseases</u>	32-44
5. <u>Organic solute carrier 22 (SLC22) family: Potential for interactions with food, herbal/dietary supplements, endogenous compounds, and drugs</u>	45-60
6. <u>Food-drug interactions precipitated by fruit juices other than grapefruit juice: An update review</u>	61-71

7. <u>Update of green tea interactions with cardiovascular drugs and putative mechanisms</u>	72-77
8. <u>Association of antioxidant nutraceuticals and acetaminophen (paracetamol): Friend or foe?</u>	78-87
9. <u>Concurrent administration of anticancer chemotherapy drug and herbal medicine on the perspective of pharmacokinetics</u>	88-95
10. <u>Effects of processing adjuvants on traditional Chinese herbs</u>	96-114
11. <u>Excipient-drug pharmacokinetic interactions: Effect of disintegrants on efflux across excised pig intestinal tissues</u>	115-124
12. <u>Activation of P-glycoprotein and CYP 3A by Coptidis Rhizoma in vivo: Using cyclosporine as a probe substrate in rats</u>	125-132
13. <u>Transporter-mediated interaction of indican and methotrexate in rats</u>	133-140
