

## 特別シンポジウムCS02

### 日米薬学会合同シンポジウム：薬物消化管吸収の最適化に向けて—理論から実践— **PSJ-AAPS Joint Symposium: Towards Optimization of Intestinal Absorption of Drugs: From Theory to Practice**

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Oral delivery is the most popular route of administration for low molecular weight drugs and many studies have been carried out for analysis of drug absorption and metabolism and/or improvement of bioavailability of aimed drugs. In this occasion, we have an honor to invite Professor Sandy pang at University of Toronto and Professor Marilyn Morris at State University of New York at Buffalo and organize the joint symposium between Pharmaceutical Society of Japan (PSJ) and American Association of Pharmaceutical Sciences (AAPS) on optimization of oral drug delivery. Professor Pang is a world leader in the field of pharmacokinetic analysis of drug absorption and metabolism, while Professor Morris will discuss bioavailability and delivery of drugs based on her research experiences on drug transporter, etc. In order to encourage discussion from both theoretical and practical aspects, two Japanese scientists, Professor Shinji Yamashita and Professor Fumiyoshi Yamashita have been also invited here and Professor Shinji Yamashita will demonstrate his recent results of imaging of oral drug delivery, while Professor Fumiyoshi Yamashita will discuss about in silico predictikon of oral drug absorption. Based on these extremely interesting presentations, the symposium organizers believe to have fruitful discussion on future perspective of oral drug delivery.