FS-17

「医薬品研究と ADMET」分野　及び 「レギュラトリサイエンス」分野　口頭発表
Selected Oral Presentations
(Information and computing approach for drug design and ADMET study)
(Regulatory Sciences)

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「医薬品研究と ADMET」分野

1. [P4-05] Development of a pharmacokinetics prediction system using multiscale integrated modeling: 8. Web application and database consisting of curated public data and newly acquired experimental data
川島 和　Hitoshi Kawashima
医薬基盤・健康・栄養研究所
National Institutes of Biomedical Innovation, Health and Nutrition

2. [P4-11] Development of an informatics system for predicting cardiotoxicity: 5. Quantitative model for hERG blocking small molecules based on the integrated database
佐藤 朋広　Tomohiro Sato
理化学研究所　　RIKEN Center for Biosystems Dynamics Research

3. [P4-12] Use of Markov Chain Monte Carlo method to integrate in vitro & in vivo data for prediction of drug interactions caused by inhibition of multiple CYP species
保月静香　Shizuka Hozuki
千葉大学　　Chiba University

4. [P4-13] Individual data analysis of patients participated in clinical studies: relationship between longitudinal changes in cardiac functions and mortality risk in CHF
畔 さゆり　Sayuri Guro
千葉大学　　Chiba University

5. [P4-02] Development of an in vitro evaluation system for drug-induced hepatotoxicity using PXB-cells
稲松 睦　Mutsumi Inamatsu
株式会社フェニックスバイオ　　PhoenixBio co., Ltd.

「レギュラトリサイエンス」分野

6. [P6-01] Universal Read-Across Approach to predict toxicities
   永堀 博久 Hirohisa Nagahori
   住友化学株式会社 Sumitomo Chemical

7. [P6-03] Quantitative Structure-Activity Relationship (QSAR) analysis using deep
   learning based on Deep Snap, a novel molecular image input technique
   松坂 恭成 Yasunari Matsuzaka
   明治薬科大学 Meiji Pharmaceutical University