



**PharmaSUG Single Day Event  
Tokyo, Japan - SAS Institute offices  
September 4, 2018**

### **Analytic Evolution:**

### **Exploring the Next Phase of Drug Development**

PharmaSUG is excited to announce our very first event in Japan! Mark your calendars for a PharmaSUG Single Day Event in Tokyo on September 4, 2018. The event will be held at SAS Institute at 6-10-1 Roppongi, Minato-ku in Tokyo.

In this event, several hot topics in pharmaceutical industry will be presented by PMDA, academia, pharmaceutical companies, CROs and vendors such as examples of data analyses with Python and R, applications of AI and Machine Learning, updates of regulatory agencies and practical experiences of electronic data submission, utilization of RWD. In addition, the poster session will be held to provide the topics such as RBM, data visualization, observational research.

The registration fee is \$75 (USD), which can be applied as a credit towards your PharmaSUG 2019 Conference registration. Registration deadline is **August 20, 2018**.

For more information: <https://www.pharmasug.org/sde/tokyo2018.html>

Full day of presentations and posters! Starting at 9:30, lunch included, ending at 17:30!

### **Thank You to Our Sponsors**





### ***Presentations***

Electronic Data Submission and Utilization in Japan	Hiromi Sugano PMDA
New CFDA Requirements in NDA and Its Implementation in Process	Eason Yang Novartis
Best Practice for e-Study Data Submission to PMDA	CJUG ADaM Team
Data Mapping Using Machine Learning	Toru Tsunoda Solution Division
Automated Generation of PowerPoint Presentations Using R in Clinical Studies	Nobuo Funao Takeda Pharmaceutical Company, Ltd.
Using R-Shiny as a Data Reviewing and Validation Tool in Clinical Trials	Markus Niederstrasser Novartis Pharma K.K
Past and Future of Our AI Making Use of Data Governance: How to Make Process/Product Innovations	Ryo Kiguchi and Shogo Miyazawa Shionogi & Co., Ltd
Technology Overview About Artificial Intelligence for Clinical Data Science	Ippei Akiya DataDriven, Inc.
Mapping Reported Term for the Adverse Event into MedDRA Using Deep Learning	Yoshihiro Nakashima Astellas Pharma Inc.
Simulation study to use "REAL World Data" using RDB and Hadoop	Hiroshi Ohtsu and Shiro Matsuya National Center for Global Health and Medicine
We choose intelligent chatbot or AI chatbot?	Riwa Tanaka Chugai Pharmaceutical Co., Ltd.

### ***Posters***

Case Study on Central Monitoring in RBM	Yukikazu Hayashi, A2 Healthcare Corporation
The implementation of RBM in Chugai	Juri Kato, Chugai Pharmaceutical Co., Ltd.
Dealing with time-varying confounding using SAS	Ryo Nakaya, Takeda Pharmaceutical Company, Ltd.
Data visualization by Python -Data from Pandas to Matplotlib-	Yuichi Nakajima, Novartis

### ***About PharmaSUG***

PharmaSUG is a Software Users Group of life science and health research professionals focused on the application of technological solutions in data analytics and regulatory support. PharmaSUG's premier event is our annual U.S conference. In addition, we hold an annual China conference as well as Single-Day Events throughout the year. PharmaSUG is governed year round by an all-volunteer Executive Committee of past and future conference chairs, and a volunteer Conference Committee organizes each conference.