Personalized Itinerary Planner

AMIA 2014 Annual Symposium
November 14 - 19, 2014

To make changes to your itinerary or view the full meeting schedule, visit
http://amiaannual2014.abstractcentral.com/planner.jsp
Saturday, November 15, 2014

You have nothing scheduled for this day

Sunday, November 16, 2014

<table>
<thead>
<tr>
<th>Time</th>
<th>Session or Event Info</th>
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<tbody>
<tr>
<td>3:30 PM-5:00 PM</td>
<td>Development of an Alert System to Detect Drug Interactions with Herbal Supplements using Medical Record Data J. Proulx; M. Archer; L. Shane-McWhorter; B.E. Bray; Q.T. Zeng</td>
</tr>
<tr>
<td>3:30 PM-5:00 PM</td>
<td>Evaluation of RxNorm for Medication Clinical Decision Support R.R. Freimuth; K. Wix; Q. Zhu; M. Siska; C.G. Chute</td>
</tr>
<tr>
<td>3:30 PM-5:00 PM</td>
<td>Analyzing U.S. prescription lists with RxNorm and the ATC/DDD Index O. Bodenreider; L.M. Rodriguez</td>
</tr>
<tr>
<td>3:30 PM-5:00 PM</td>
<td>Towards Drug Repositioning: A Unified Computational Framework for Integrating Multiple Aspects of Drug Similarity and Disease Similarity P. Zhang; F. Wang; J. Hu</td>
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</tbody>
</table>

5:30 PM-7:00 PM, Holmead (Washington Hilton), Pharmacoinformatics Working Group Meeting, Business Meeting

7:30 PM-10:00 PM, Gunston (Washington Hilton), Genomics Working Group Meeting, Business Meeting

Monday, November 17, 2014

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<thead>
<tr>
<th>Time</th>
<th>Session or Event Info</th>
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<tbody>
<tr>
<td>8:30 AM-10:00 AM</td>
<td>ACM! at 30 – Evolution of Themes and Topics in Biomedical and Health Informatics B. Humphreys; P. Szolovits; P.F. Brennan; G. Hripcsak; S. Liaw; L. Ohno-Machado; W. Chapman; I.N. Sarkar</td>
</tr>
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10:30 AM-12:00 PM, Room: TBD (Washington Hilton), S15: Interactive Panel - Innovative Approaches to Medication Reconciliation within the Veterans Health Administration: Designing the Magic Pill, Interactive Panel, Clinical Informatics
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<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Details</th>
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<tbody>
<tr>
<td>10:30 AM-12:00 PM</td>
<td>Innovative Approaches to Medication Reconciliation within the Veterans Health Administration: Designing the 'Magic Pill' B.J. Lesselroth; K.G. Adams; S.R. Simon; K. Boockvar; P. Kaboli</td>
<td></td>
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<tr>
<td>10:30 AM-12:00 PM</td>
<td>S19: Papers/Podium Presentations - Personalized, Patient-centered Care, Papers/Podium Presentations, Consumer Informatics and PHRs</td>
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<tr>
<td>10:30 AM-12:00 PM</td>
<td>Patient-initiated secure messaging: Effects on chronic care process and clinical outcomes in a natural experiment S.R. McClellan; L. Panattoni; M. Tai-Seale</td>
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<tr>
<td>10:30 AM-12:00 PM</td>
<td>Data Model for Personalized Patient Health Guidelines: An Exploratory Study M. McNamara; K. Sarma; D. Aberle; A.A. Bui; C.W. Arnold</td>
<td></td>
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<tr>
<td>10:30 AM-12:00 PM</td>
<td>Evaluating health interest profiles extracted from patient-generated data A.L. Hartzler; D.W. McDonald; A. Park; J. Huh; C. Weaver; W. Pratt</td>
<td></td>
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<tr>
<td>10:30 AM-12:00 PM</td>
<td>Could Patient Self-reported Health Data Complement EHR for Phenotyping? D. Fort; A. Wilcox; C. Weng</td>
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<tr>
<td>1:45 PM-3:15 PM</td>
<td>S26: Didactic Panel - Handling Clinical and Next Generation Sequencing data: new strategies in i2b2 and tranSMART</td>
<td>Handling Clinical and Next Generation Sequencing data: new strategies in i2b2 and tranSMART S. Murphy; R. Bellazzi; M. Gabetta; P. AVILLACH; L.C. Phillips</td>
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<tr>
<td>3:30 PM-5:00 PM</td>
<td>S35: Didactic Panel - Evolving Career Landscapes in Biomedical and Health Informatics</td>
<td>Evolving Career Landscapes in Biomedical and Health Informatics R. Zhang; W.R. Hersh; G.B. Melton; Y. Huang; L.K. Wiley; J. Doberne; N. Theera-Ampornpunt</td>
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<tr>
<td>3:30 PM-5:00 PM</td>
<td>S40: Papers/Podium Presentations - Delivering Health Information to the Public</td>
<td>A Template for Authoring and Adapting Genomic Medicine Content in the eMERGE Infobutton Project C.L. Overby; L.V. Rasmusussen; A.L. Hartzler; J.J. Connolly; J.F. Peterson; R. Hedberg; R.R. Freimuth; B.H. Shirts; J.C. Denny; E.B. Larson; C.G. Chute; G. Jarvik; J. Ralston; A.R. Shuldiner; I.J. Kullo; P. Tarczy-Hornoch; M. Williams</td>
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<tr>
<td>3:30 PM-5:00 PM</td>
<td>S43: Papers/Podium Presentations - Capturing and Organizing Phenotypes</td>
<td>A Template for Authoring and Adapting Genomic Medicine Content in the eMERGE Infobutton Project C.L. Overby; L.V. Rasmusussen; A.L. Hartzler; J.J. Connolly; J.F. Peterson; R. Hedberg; R.R. Freimuth; B.H. Shirts; J.C. Denny; E.B. Larson; C.G. Chute; G. Jarvik; J. Ralston; A.R. Shuldiner; I.J. Kullo; P. Tarczy-Hornoch; M. Williams</td>
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<tr>
<td>3:30 PM-5:00 PM</td>
<td>PheWAS and Genetics Define Subphenotypes in Drug Response</td>
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<td>R.J. Carroll; J.L. Warner; A.E. Eyler; C. Moore; J. Doss; K.P. Liao; R. Plenge; J.C. Denny</td>
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<td>(Conflict)</td>
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<td>5:00 PM-6:30 PM</td>
<td>Columbia Hall (Washington Hilton), Poster Session 1, Poster</td>
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<td></td>
<td>Use of Enterprise Clinical Decision Support Infrastructure to Implement Pharmacogenomics at the Point of Care/</td>
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<td>P.J. Caraballo; D. Blair; M. Elliott; R. Bleimeyer; J.A. Crooks; D.B. Gabrielson; G. Jain; W.T. Nicholson; C.W. Pugh; P. Rao; C. Schultz; L. Summerlin; J.A. Sutton; C.R. Rohrer Vitek; K. Wix; J. Black; M.A. Parkulo</td>
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<td>5:00 PM-6:30 PM</td>
<td>Employment of Penalized Models to Predict Cognitive Domain Performance Using Proteomics</td>
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<td>S.M. Overgaard; S. Schulz; G. Simon</td>
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<td>5:00 PM-6:30 PM</td>
<td>Extending tranSMART for Meta-Analysis of Genomic Data Across Trials</td>
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<td>H. Wu; E. Scheufele; D. Aronzon; M.B. Palchuk</td>
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<td>5:00 PM-6:30 PM</td>
<td>iGenetics: An Individualized Genetic Test Recommendation System Based on EHRs</td>
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<td>Q. Zhu; H. Liu; C.G. Chute; M. Ferber</td>
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Tuesday, November 18, 2014

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<thead>
<tr>
<th>Time</th>
<th>Session or Event Info</th>
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<tbody>
<tr>
<td>10:30 AM-12:00 PM</td>
<td>Room: TBD (Washington Hilton), S53: Podium Presentations - Identifying Drug-drug Interactions, Podium Presentations, Clinical Informatics</td>
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<tr>
<td></td>
<td>Identifying Plausible Adverse Drug Reactions Using Knowledge Extracted from the Literature N. Shang; H. Xu; T. Rindflesch; T. Cohen</td>
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<tr>
<td>10:30 AM-12:00 PM</td>
<td>Room: TBD (Washington Hilton), S58: Papers - Personalized Medicine, Papers, Translational Bioinformatics and Biomedicine</td>
</tr>
<tr>
<td>(Conflict)</td>
<td>MEDCIS: Multi-Modality Epilepsy Data Capture and Integration System G. Zhang; L. Cui; S.D. Lhatoo; S.S. Sahoo</td>
</tr>
<tr>
<td>10:30 AM-12:00 PM</td>
<td>Room: TBD (Washington Hilton), S53: Podium Presentations - Identifying Drug-drug Interactions, Podium Presentations, Clinical Informatics</td>
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<tr>
<td>(Conflict)</td>
<td>Designing Specific Alerts for Potassium-Increasing Drug-Drug Interactions E. Eschmann; P.E. Beeler; J. Blaser</td>
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<tr>
<td>10:30 AM-12:00 PM</td>
<td>Room: TBD (Washington Hilton), S58: Papers - Personalized Medicine, Papers, Translational Bioinformatics and Biomedicine</td>
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<td>Time</td>
<td>Session Details</td>
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<td>10:30 AM-12:00 PM</td>
<td><strong>p-medicine: A Medical Informatics Platform for Integrated Large Scale Heterogeneous Patient Data</strong> J. Marés; L. Shamardin; G. Weiler; A. Anguita; S. Sfakianakis; E. Neri; S.J. Zasada; N. Graf; P.V. Coveney</td>
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<tr>
<td>10:30 AM-12:00 PM</td>
<td><strong>Identifying Drug-drug Interactions</strong> Podium Presentations, Clinical Informatics</td>
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<td>10:30 AM-12:00 PM</td>
<td>Mining electronic health record data to detect drug-repurposing signals for cancers H. Xu; Q. Chen; J.L. Warner; X. Han; M. Jiang; A. Shah; M. Aldrich; Q. Dai; J.C. Denny</td>
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<tr>
<td>10:30 AM-12:00 PM</td>
<td>Room: TBD (Washington Hilton), <strong>S53: Podium Presentations - Identifying Drug-drug Interactions</strong>, Podium Presentations, Clinical Informatics</td>
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<tr>
<td>10:30 AM-12:00 PM</td>
<td><strong>Clinical Decision Support for Whole Genome Sequence Information Leveraging a Service-Oriented Architecture: a Prototype</strong> B.M. Welch; S. Loya; K. Eilbeck; K. Kawamoto</td>
</tr>
<tr>
<td>10:30 AM-12:00 PM</td>
<td>Room: TBD (Washington Hilton), <strong>S53: Podium Presentations - Identifying Drug-drug Interactions</strong>, Podium Presentations, Clinical Informatics</td>
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<tr>
<td>10:30 AM-12:00 PM</td>
<td>Extracting drug-drug interactions from literature using a rich feature-based linear kernel approach S. Kim; D. Liu; D. Yeganova; W.J. Wilbur</td>
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<tr>
<td>1:45 PM-3:15 PM</td>
<td>Room: TBD (Washington Hilton), <strong>S65: Papers/Podium Demonstrations - Medication Indications and Problems</strong>, Papers/Podium Presentations, Clinical Informatics</td>
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<tr>
<td>1:45 PM-3:15 PM</td>
<td>Developing a Formal Representation for Medication Appropriateness Criteria H. Salmasian; T. Tran; C. Friedman</td>
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<tr>
<td>1:45 PM-3:15 PM</td>
<td>Generating Problem Lists Using Medication Reconciliation J.W. Joseph; D.T. Chiu; L.A. Nathanson; S. Horng</td>
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<tr>
<td>1:45 PM-3:15 PM</td>
<td>Automatic Extraction of Drug Indications from FDA Drug Labels R. Khare; C. Wei; Z. Lu</td>
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<td>1:45 PM-3:15 PM</td>
<td>Analysis of Medication and Indication Occurrences in Clinical Notes S. Sohn; H. Liu</td>
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<td>1:45 PM-3:15 PM</td>
<td>Room: TBD (Washington Hilton), <strong>S66: Papers - Biomedical Insights through Data Mining</strong>, Papers, Data Mining, NLP, Information Extraction Retrieval</td>
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<tr>
<td>1:45 PM-3:15 PM</td>
<td>Divisive Hierarchical Clustering towards Identifying Clinically Significant Pre-Diabetes Subpopulations E. Kim; W. Oh; D. Pieczkiewicz; M. Castro; P.J. Caraballo; G. Simon</td>
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1:45 PM-3:15 PM, Room: TBD (Washington Hilton), **S67: Papers/Podium Demonstrations - Putting Data to Work**, Papers/Podium Presentations, Data Mining, NLP, Information Extraction Retrieval

1:45 PM-3:15 PM  
(Conflict)  
Cardiorespiratory physiological data as an indicator of morphine pharmacokinetics and pharmacodynamics in critically ill newborn infants  
N. Bressan; C. McGregor; A. James

5:00 PM-6:30 PM, Columbia Hall (Washington Hilton), **Poster Session 2**, Poster

5:00 PM-6:30 PM  
Improving Prediction of Type 2 Diabetes Using Genomic Domain Information  
C. Chen; M.A. Grasso

5:00 PM-6:30 PM  
Discover Improved-Outcome Evidence for Personalized Treatment from Electronic Health Records (EHR)  
C. Chi; P.J. Tonellato

5:00 PM-6:30 PM  
Exploring the Use of SemRep Predications to Help Identify Secondary Drug Targets for Personalized Cancer Therapy  
S. Fathiamini; A.M. Johnson; V. Holla; A.M. Bailey; J. Zeng; L. Brusco; F. Meric-Bernstam; E.V. Bernstam; T. Cohen

5:00 PM-6:30 PM  
Building the Clinical Personalized Pragmatic Predictions of Outcomes (Clinical3PO) Pipeline Within U.S. Department of Veterans Affairs (VA)  
L.J. Frey

5:00 PM-6:30 PM  
Electronic Pharmacovigilance: Calling for Earlier Detection of Adverse Reactions (CEDAR)  
E.V. Klinger; A. Salazar; J. Kwatra; J. Medoff; P.C. Dykes; J. Haas; M.G. Amato; D.W. Bates; G. Schiff

5:00 PM-6:30 PM  
An Agent-based Reasoning Scheme for Prioritizing Evidence Obtained from Multiple Pharmacovigilance Signal Detection Methods  
V.G. Koutkias; M. Jaulent

5:00 PM-6:30 PM  
Genetic Variant Databases: Current Practices for Development and Curation  
K. Tabrizi; R. Coopersmith; D. Hardison; E. Scheufele; M.B. Palchuk

5:00 PM-6:30 PM  
Investigating the Genetic Architecture of Pulmonary Arterial Hypertension Shared with Other Diseases.  
L.A. Yancy; A.J. Butte

Wednesday, November 19, 2014

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<tr>
<td>8:30 AM-10:00 AM</td>
<td><strong>S85: Papers/Podium Presentations - Bad Meds</strong>, Papers/Podium Presentations, Clinical Informatics</td>
</tr>
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</table>
| (Conflict)        | Combining Heterogeneous Databases to Detect Adverse Drug Reaction  
Y. Li; S. Vilar; Y. Wei; C. Friedman                                                                  |
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<tr>
<th>Time</th>
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<th>Session</th>
<th>Title</th>
<th>Authors</th>
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<tr>
<td>8:30 AM-10:00 AM</td>
<td>TBD (Washington Hilton)</td>
<td>S90: Papers/Podium Presentations - My Crystal Ball: Prediction Methodologies</td>
<td>Papers/Podium Presentations, Simulation and Modeling</td>
<td>B.G. Wilson; C.T. Silvers; C.A. Crump; L. Schlachta-Fairchild; J.S. Ashley</td>
</tr>
<tr>
<td>8:30 AM-10:00 AM</td>
<td>TBD (Washington Hilton)</td>
<td>S95: Papers/Podium Presentations - Bad Meds</td>
<td>Clinical Informatics</td>
<td>Exploring Bayesian Network Development Using Unsupervised Machine Learning for Patient Risk Assessment</td>
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<td>8:30 AM-10:00 AM</td>
<td>TBD (Washington Hilton)</td>
<td>S85: Papers/Podium Presentations - Bad Meds</td>
<td>Clinical Informatics</td>
<td>Adverse Drug Event-based Stratification of Tumor Mutations: A Case Study of Breast Cancer Patients Receiving Aromatase Inhibitors</td>
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<tr>
<td>8:30 AM-10:00 AM</td>
<td>TBD (Washington Hilton)</td>
<td>S85: Papers/Podium Presentations - Bad Meds</td>
<td>Clinical Informatics</td>
<td>Semantic Processing to Identify Adverse Drug Event Information from Black Box Warnings</td>
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<td>8:30 AM-10:00 AM</td>
<td>TBD (Washington Hilton)</td>
<td>S85: Papers/Podium Presentations - Bad Meds</td>
<td>Clinical Informatics</td>
<td>Pharmacovigilance on Twitter? Mining Tweets for Adverse Drug Reactions</td>
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<tr>
<td>10:30 AM-12:00 PM</td>
<td>TBD (Washington Hilton)</td>
<td>S101: Featured Presentation - Harnessing Next-Generation Informatics for Personalizing Medicine: Report from the 2014 AMIA Health Policy Invitational Meeting</td>
<td>Policy and Ethical Issues</td>
<td>Harnessing Next-Generation Informatics for Personalizing Medicine: Report from the 2014 AMIA Health Policy Invitational Meeting</td>
</tr>
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<td>10:30 AM-12:00 PM</td>
<td>TBD (Washington Hilton)</td>
<td>S93: Didactic Panel - What's In A Name: Precision Medicine and a New Nosology</td>
<td>Translational Bioinformatics and Biomedicine</td>
<td>What's In A Name: Precision Medicine and a New Nosology</td>
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<tr>
<td>10:30 AM-12:00 PM</td>
<td>TBD (Washington Hilton)</td>
<td>S96: Papers/Podium Presentations - Drug Alerts</td>
<td>Clinical Informatics</td>
<td>Alerts for Low Creatinine Clearance: Design Strategies to Reduce Prescribing Errors</td>
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<tr>
<td>10:30 AM-12:00 PM</td>
<td>TBD (Washington Hilton)</td>
<td>S96: Papers/Podium Presentations - Drug Alerts</td>
<td>Clinical Informatics</td>
<td>An Algorithm Using Twelve Properties of Antibiotics to Find the Recommended Antibiotics, as in CPGs</td>
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<td>10:30 AM-12:00 PM (Conflict)</td>
<td>A visual analytics antibiogram dashboard as part of a comprehensive approach to perioperative antibiotic administration L. Ahumada; A.F. Simpao; J.A. Galvez; M.A. Rehman; J.S. Gerber; J. Martin; B. Larru; K. Ota; T.A. Metjian; B. Desai</td>
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<td>10:30 AM-12:00 PM (Conflict)</td>
<td>Earlier Switching from Intravenous to Oral Antibiotics Due to eReminders P.E. Beeler; D.P. Kuster; E. Eschmann; R. Weber; J. Blaser</td>
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