

**MonPM1-5****Bioinformatics**

Chair: Kitsuchart Pasupa, Madhu Chetty

Room: Conference Room IV

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| 13:20 | - | 13:40 | Clustering-based Weighted Extreme Learning Machine for Classification in Drug Discovery Process<br>Wasu Kudisthalert <sup>1</sup> , Kitsuchart Pasupa <sup>1</sup><br><sup>1</sup> Faculty of Information Technology, King Mongkut's Institute of Technology Ladkrabang |
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| 13:40 | - | 14:00 | Metabolite Named Entity Recognition: A Hybrid Approach<br>Wutthipong Kongburan <sup>1</sup> , Praisan Padungweang <sup>1</sup> , Worarat Krathu <sup>1</sup> , Jonathan Chan <sup>1</sup><br><sup>1</sup> School of Information Technology, King Mongkut's University of Technology Thonburi |
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| 14:00 | - | 14:20 | Improving strategy for discovering interacting genetic variants in association studies<br>Suneetha Uppu <sup>1</sup> , Aneesh Krishna <sup>1</sup><br><sup>1</sup> Curtin University |
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| 14:20 | - | 14:40 | Improving Dependency Parsing on Clinical Text with Syntactic Clusters from Web Text<br>Xiuming Qiao <sup>1</sup> , Hailong Cao <sup>1</sup> , Tiejun Zhao <sup>1</sup> , Kehai Chen <sup>1</sup><br><sup>1</sup> Harbin Institute of Technology |
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| 14:40 | - | 15:00 | Exploiting Temporal Genetic Correlations for Enhancing Regulatory Network Optimization<br>Ahammed Kizhakkethil Youseph <sup>1</sup> , Madhu Chetty <sup>2</sup> , Gour Karmakar <sup>2</sup><br><sup>1</sup> Monash University, Australia <sup>2</sup> Federation University, Australia |
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