A Report on a Stay in Sakai and Teshima's Lab

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1. Sakai and Teshima's Lab

24 March 2012, I came to in Sakai and Teshima's Lab, Aichi Institute of Technology, Japan. I had a small party with all members in their lab. Lucky, all labmates were very friendly and kindly to me.

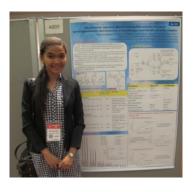


2. Simultaneous injection effective mixing flow analysis (SIEMA)

A new approach based on simultaneous injection effective mixing flow analysis (SIEMA) system was developed for the successive spectrophotometric determination of urobilinogen and bilirubin in urinary samples. For urobilinogen assay, the color development was based on the reaction with p-diethylaminobenzaldehyde (p-DEABA) in the presence of strong hydrochloric acid. On the other hand, bilirubin was measured by the reaction with diazotized sulfanilic acid in the presence of n-octyl- β -D-thioglucoside (OTG) which served as a solubilizing agent to form OTG-azobilirubin. The proposed method can be applied to trace urobilinogen and bilirubin in urine samples and the results are useful for screening diabetic diagnostic.

3. JASIS 2012

Japan Analytical & Scientific Instruments Show is abbreviated as JASIS and is the Asian's largest analytical instruments show held in Makuhari Messe. There were a lot of seminars and conferences in the JASIS 2012. One of them was the RSC (Royal Society of Chemistry) Tokyo International Con-



ference 2012. I attended the conference and presented our topic described in the previous section.

4. Disneyland

I enjoyed going to the Tokyo Disneyland when I took a short vacation during my stay at Japan. This place was very beautiful, exciting and interesting for me. I joined the procession to ride many attractions in the Disneyland.



4. Analytical Methods

My work in the topic of "Alternative spectrophotometric method for determination of bilirubin and urobilinogen in urine samples using simultaneous injection effective mixing flow analysis" will be published in Analytical Methods, 2013.

5. Last day in Japan

We had a small farewell party, before I came back to my hometown (Thailand). Then I came to the airport and say "Thank you for the good opportunities in Sakai and Teshima's Lab, Aichi Institute of Technology, Japan". Thank you for your kindness, friendly, helpfulness, anything else. I will come back here again."

6. Acknowledgement

Finally, I and Rodjana Burakham gratefully acknowledge

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