

## Research Day 2014 Faculty of Dentistry University of Toronto

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The 2014 University of Toronto Faculty of Dentistry's Research Day was held on February 11. The meeting scheduled DDS and PhD student's poster and oral presentation, guest lectures, lunch, awards ceremony, and Wine and Cheese and Clinical Tables.

This year, the titles of guest lectures were "Iron in the Fire: Release of Endo-Capsaicins in Inflammation and Pain." and "Orofacial Pain and its Control: An Old Story, With New Insights." The former lecture was very interesting for me. The guest talked about a receptor of pain and control of dental pulp pain, burn pain and cancer pain. We dentists are familiar with the dental pulp pain, however the study extends also whole body. I incline to have a narrow view of study, but the lecture impinged on my way of thinking.

We had poster presentation after lunch. There were 80 poster presentations on basic or clinical studies. Three students came from foreign countries, only I was a Japanese in foreign students. So I felt helpless and got tense. I had poster presentation on "Proteomic analysis of differential protein expression induced by low-level Er:YAG laser irradiation in human gingival fibroblasts." Many people asked questions and gave me suggestions. I had not ever been able to get such a lot of questions and suggestions, then, I got warm feelings. On the next day, I had a chance to visit Dr. Benjamin Alman's and Dr. Morris Manolson's lab. First, I visited Dr. Benjamin Alman's lab. Dr. Shingo Sato, who was an AISS of GCOE program, showed me their lab and neighborhood facilities (e.g. The Hospital for Sick Children). After that, I joined Dr. Benjamin Alman's lab meeting. They actively discussed. Because of a heavy snow, Dr. Alman already left Toronto for U.S. Therefore, I couldn't see him. However, he joined the meeting with Internet videophone. I was excited and impressed by the scene. They talked about the procedure of the experiment, and they decided to ask help for some Japanese university's lab. Due to the

above reasons, I realized that research is changing hour by hour.

Second, I visited Morris Manolson's lab in the afternoon. Dr. Irina Voronv showed me their lab, then, I began my presentation. It was hard for me to discuss smoothly in English, but they earnestly listened and suggested me, so I was moved. I hope these suggestions will make good results.

Thorough this opportunity, I really realized "Experience is the best teacher." I would like to use experience for my research.

Finally, I would like to express my gratitude to Prof. Morris Manolson, Prof. Masaki Noda, Prof. Ikuo Morita and all TMDU and GCOE staffs for providing us this excellence exchange program.

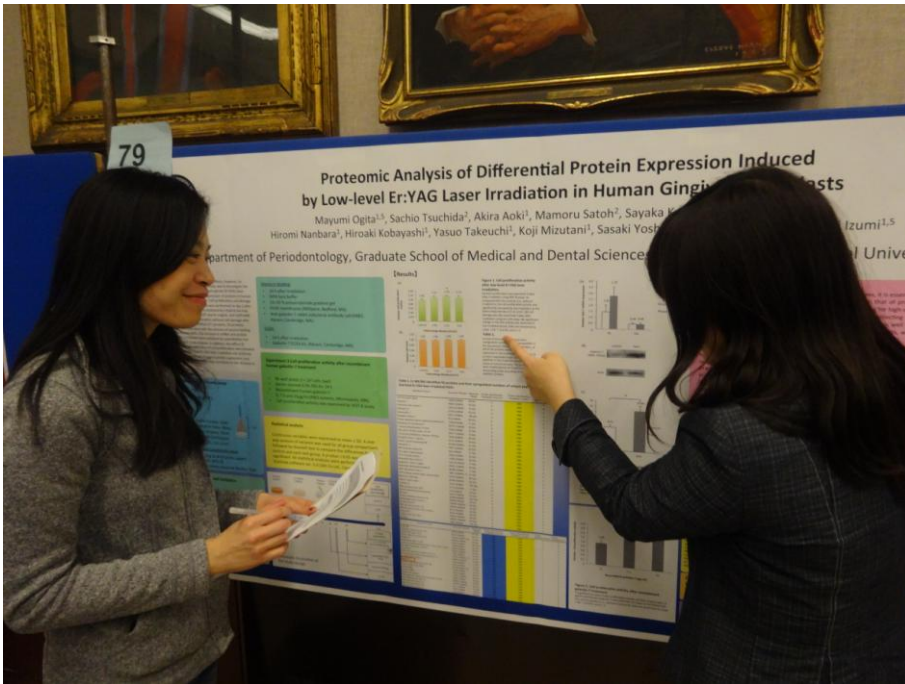
【Photos】



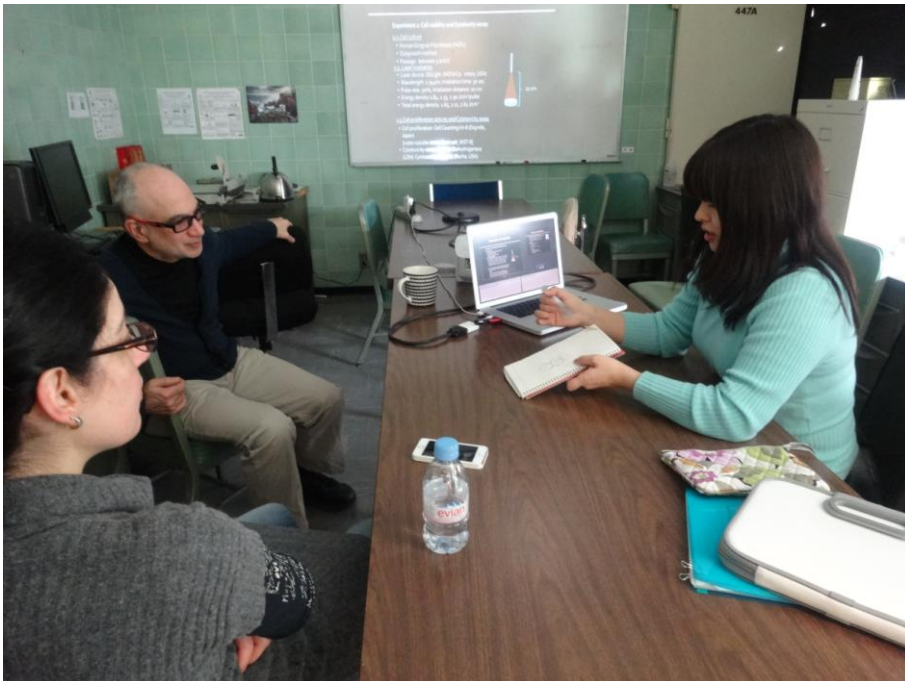
Research Day / The Discussion



Poster Session Hall



State of the poster session



Discussion with Dr. Manolson and Dr. Voronov



External appearance and internal appearance of Peter Gilgan Centre for Research and Learning

There is Dr. Benjamin Alman's Lab there.