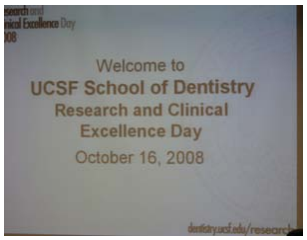
Dept. of Moleclurar Cytogenetics Begum Asma



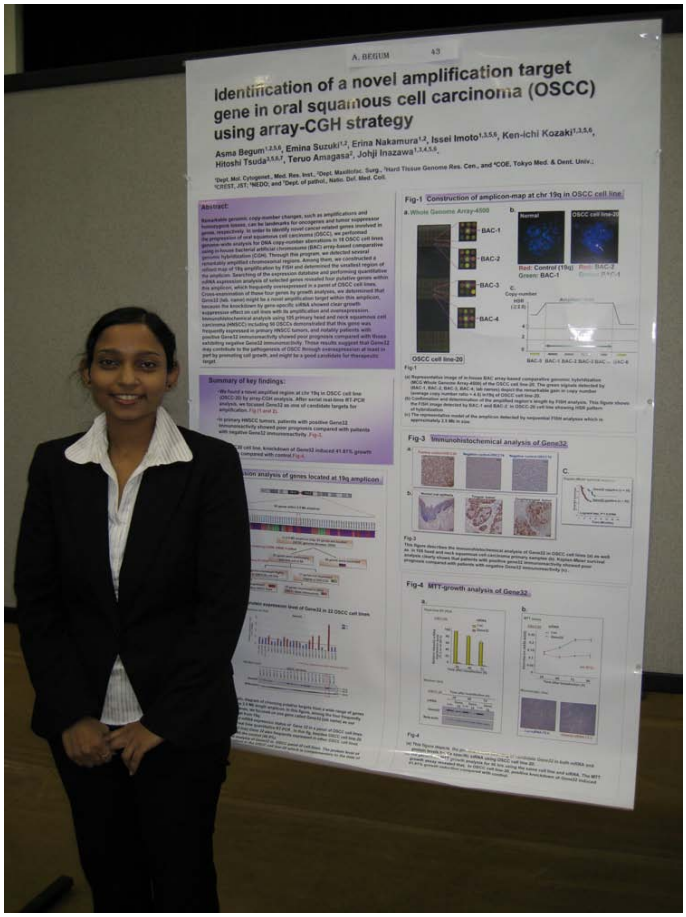
Research Day in UCSF-16th October-2008

The Research and Clinical Excellence Day was held on 16th of October in the old campus of UCSF in Cole Hall. It was the day where the DDS students of UCSF had there competition both in oral and poster base and occurred once per year to show their excellent performances in both research and clinical fields. Besides these new comers, we enjoyed also special lectures from guest lecturers. Such as, the special keynote speech on stem cell utilization in Dentistry by Professor Lyndon Cooper, lecture on health management by Professor Barbara Gerbert, and also about role of clinicians and their responsibilities by Professor Raymond Braham . Professor Gerbert was awarded for best faculty research award and Professor Braham for outstanding clinician award. Among the student the best speaker research was about role of Sonic hedgehog signaling pathway in the development of mouse Incisor.

The keynote speaker speech was very interesting for me as he shows the possible way of Haemopoietic stem cell utilization and tried to bridge the gap between bench side researches to the bed side application. He said that the bone regeneration is occurred due to the osteoinductive, osteoconductive and osteoregenerative manner of the pluripotent adult stem cells and showed few examples of tremendous post-surgical good prognosis of his clinical life. He also mentioned about some signaling pathway and function of several genes in bone regeneration like BMP2, NFκB pathway in bone regeneration and their different expression in respects of inflammation. He also showed allogeneic bone transformation and its effect of surrounding recipient sites.

The most fascinating things that I came to know which is quite related with my topics that DG Albertson group also working with Bac-array based research on oral dysplasia. I got a lot of information by speaking with the poster presentator which was very beneficial for my research.

So, the message I really want to give to my colleagues of GCOE that by attending such kind of meeting will really help to expand your knowledge. Besides I came to know much about San Francisco, a new city I had never been before, will also increase your outside knowledge. I'd really like to thanks the committee of GCOE, Professor Mark Ryder and my fellows to give me this magnificent opportunity to visit UCSF.


A. BEGUM 43
Identification of a novel amplification target gene in oral squamous cell carcinoma (OSCC) using array-CGH strategy
Asma Begum[1,2,5,6], Emina Suzuki[1,2], Erina Nakamura[1,2], Issei Imoto[1,3,5,6], Ken-ichi Kozaki[1,3,5,6], Hitoshi Tsuda[3,5,6,7], Teruo Amagasa[3], Johji Inazawa[1,3,4,5,6],
[1]Dept. Mol. Cytogenet., Med. Res. Inst., [2]Dept. Maxillofac. Surg., [3]Hard Tissue Genome Res. Cen., and [4]COE, Tokyo Med. & Dent. Univ.;
[5]CREST, JST; [6]NEDO; and [7]Dept. of pathol., Natio. Def. Med. Coll.
Abstract
Summary of key findings:
Fig-1 Construction of amplicon-map at chr 19q in OSCC cell line
a. Whole Genome Array-4000
BAC-1
BAC-2
BAC-3
BAC-4
OSCC cell line-20
b.
Normal
OSCC cell line-20
Red: Control (19q)
Green: BAC-1
c.
Copy-number
Fig-3 Immunohistochemical analysis of Gene32
Fig-4 MTT-growth analysis of Gene32
Research and Clinical Excellence Day 2008
UCSF School of Dentistry


Research and Clinical Excellence Day 2008
UCSF School of Dentistry

Report of UCSF Reserch Day

2008/10/22
Tokyo Medical and Dental University
Oral Implantology and Regenerative Dental Medicine
Ph-D Candidate
2nd Year
Kanako Noritake

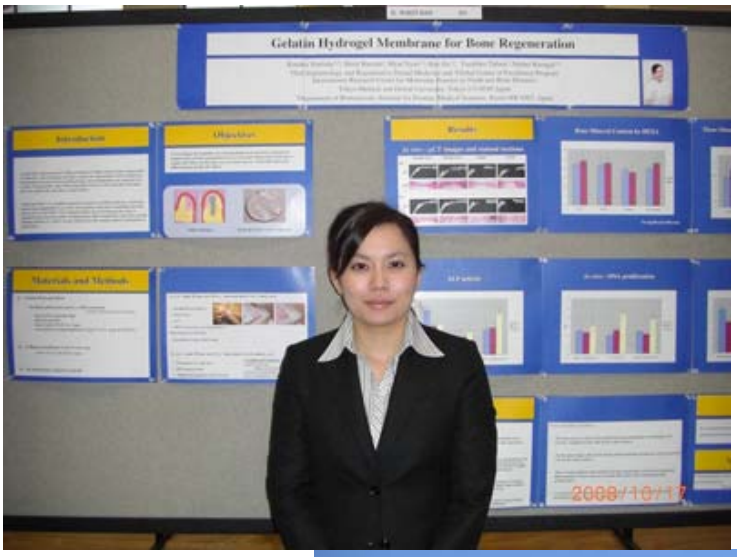
Noritake, Chalida and Asma, who are the members of G-COE AISS, attended UCSF School of Dentistry Research and Clinical Excellence Day, on October 16, 2008 at Cole Hall, UCSF. The aim of this day is to promote and skill up both undergraduate and Ph-D students on research. I also felt that to be aware of relationship between research and clinic is also important message of this day, too. At the Welcome and Opening Remarks, we were introduced to the audience, that was a great honor for us.

Subsequently, the Keynote Speaker, Prof. Lyndon Cooper from University of North Carolina gave us a lecture. As his major is Prosthodontics, he tried to tie up dental treatment like dental implant and tissue regeneration. His lecture was quite easy to understand and of course worthful not only to me but also to undergraduate students.

The poster presentation was held at 12:30-13:30. I am honored to be presenting poster presentation as an inviting/visiting pre-doctoral poster section. As this was the first opportunity for me to do poster presentation about my Ph-D study, I got strongly impressed that many students/teachers stayed their step and were interested in my work. And also from the discussion with them I could get quite precious hints for my ongoing study. That experience serve as powerful encouragement.

Not only attending research Day but also we had a wonderful chance to visit UCSF laboratory and dental treatment room for young clinician.

I would like to express my gratitude to Professor Ryder, who was an excellent host during our trip to San Francisco, Professor Morita, Professor Noda and all TMDU and GCOE staffs for providing us this excellence exchange program.


Gelatin Hydrogel Membrane for Bone Regeneration
2008/10/17


2008/10/16


Gelatin Hydrogel Membrane for Bone Regeneration
2008/10/17

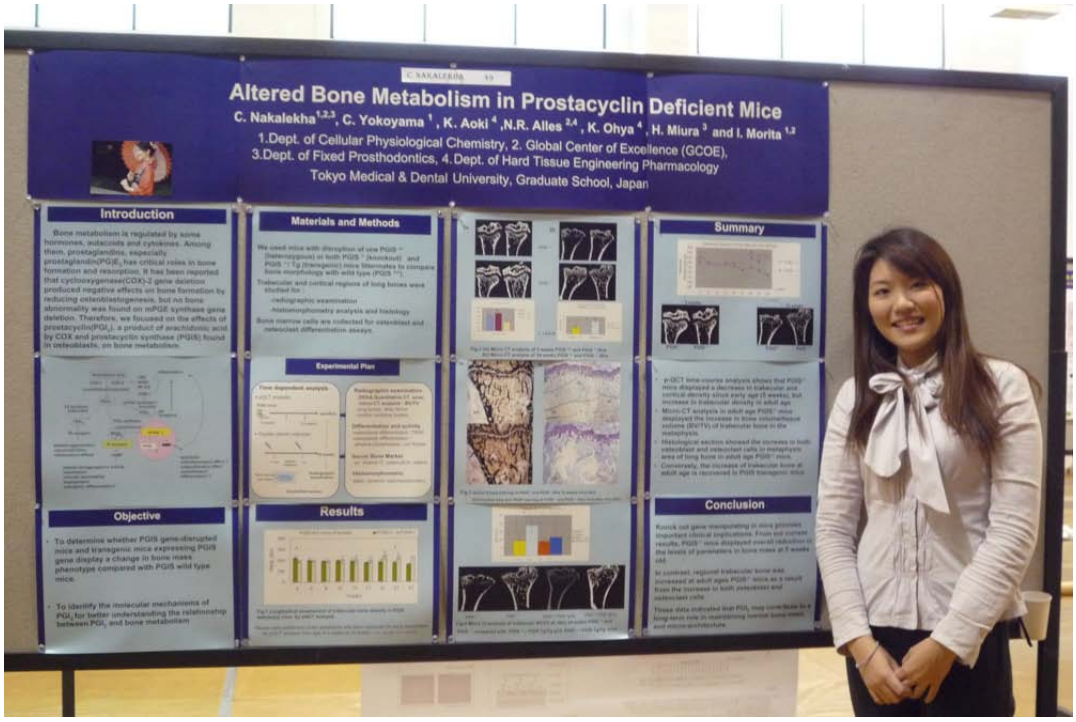
Chalida Nakalekha
Department of Cellular Physiological Chemistry
Graduate School of Dentistry
Tokyo Medical and Dental Univeristy

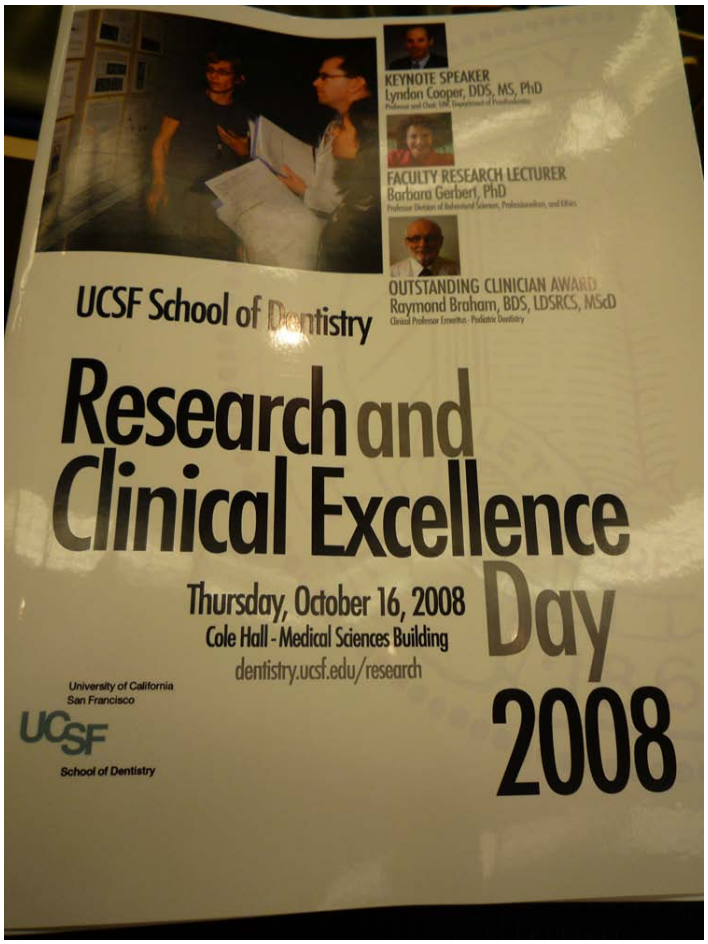
The UCSF School of Dentistry Research and Clinical Excellence Day was held at main campus of UCSF School of Dentistry, University of California in San Francisco on the 16th of October 2008. The aim of the research day is to promote and advise both undergraduate and post graduate dental students on research. There was no other clinical activity or class on research day, in order to encourage the staffs and students to join the research day activity. Undergraduate students are also required to attend the lecture for their curriculum credits. The research day's schedule was divided into two parts, the lectures given by both well-known professors and some outstanding students' research presentation and the poster presentation of students in both under and post graduated section. The lectures were given in the main auditorium. Keynote speaker, Prof. Lyndon Cooper from University of North Carolina (UNC) gave an excellent talk of research in dental profession on both clinical and research. The students were very enthusiastic and interactive during questions and discussion. We were introduced to the Dean of the Faculty, the Chairman of Research programs and other corresponding staffs. Professor Mark Ryder kindly showed us the Dental campus of UCSF, both main campus and research campus. We visited research laboratories and other faculty facilities.

The poster presentations started at 12.00am -13.30pm. The event was warmly visited by professors, staffs and students. I am honored to be presenting poster presentation as an inviting/visiting pre-doctoral poster section among the three selected Global COE students from Tokyo Medical and Dental University. My poster presentation received warm attention from both students and professors, including the UCSF's Dean of Faculty of Dentistry. I acquired some interesting discussion and comment from person who worked in the related field of my study, which will surely contribute to my going on experiment and writing my dissertation thesis.

I would like to express my gratitude to Professor Ryder, who was an excellent host during our trip to San Francisco, Professor Morita, Professor Noda and all TMDU and GCOE staffs for providing us this excellence exchange program. I believed that this exchanging program will definitely encourage both UCSF and TMDU students in pursuing both research and clinical careers.

Respectfully submit,


Altered Bone Metabolism in Prostacyclin Deficient Mice
C. Nakalekha[1,2,3], C. Yokoyama [1], K. Aoki [4], N.R. Alles [2,4], K. Ohya [4], H. Miura [3] and I. Morita [1,2]
1.Dept. of Cellular Physiological Chemistry, 2. Global Center of Excellence (GCOE),
3.Dept. of Fixed Prosthodontics, 4.Dept. of Hard Tissue Engineering Pharmacology
Tokyo Medical & Dental University, Graduate School, Japan
Introduction
Materials and Methods
Summary
Experimental Plan
Objective
Results
Conclusion


KEYNOTE SPEAKER
Lyndon Cooper, DDS, MS, PhD
FACULTY RESEARCH LECTURER
Barbara Gerbert, PhD
OUTSTANDING CLINICIAN AWARD
Raymond Braham, BDS, LDSRCS, MScD
UCSF School of Dentistry
Research and Clinical Excellence Day
Thursday, October 16, 2008
Cole Hall - Medical Sciences Building
dentistry.ucsf.edu/research
2008
University of California
San Francisco
UCSF
School of Dentistry


how do you spell community?


how do you spell community?