



# ICHTS e-Update

New journey starts with today's research

December, 2010

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## I. Seasons' Greeting from President and Board Chairman

Dear ICHTS Members,

It has been a good and growing year for ICHTS. The society continues to make visible and influential progress in key scientific and social arenas, which was well reflected at the 2010 International Congress on Osteoporosis and Bone Research (2010 ICOBR) in Shenzhen, China, with over 700 participants from over 20 countries.

The achievements are attributed to leadership team, our active members, academic and industrial friends. Besides the enrolling of new members, we have seen more and more people, both senior and junior, participating in voluntary work and society activities and mobilizing their networking to participate in our organized and co-organized conferences and workshops. Mentorship is enhanced, especially via establishment of ICHTS-China Collaborating Centers. With fast development in China and changing international arena, we have many opportunities as well as challenges ahead of us. Our society is becoming more effective and collaborative to achieve the mission, i.e. "to seek and promote scientific and professional excellence and enhance communication among scientists of Chinese heritage and other international scholars in the field of musculoskeletal and related research."

Before entering 2011, we would like to thank all ICHTS board members and members at large for their hard work and support for the society. We wish you all Merry Christmas and Happy New Year!

ICHTS President



Dr. Ling QIN  
The Chinese University of Hong Kong, Hong Kong

ICHTS Board Director



Dr. Hong ZHOU  
University of Sydney, Australia



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## II. Major Events with ICHTS Participation

### ICHTS Membership Meetings at ASBMR in Toronto, Canada

With local assistance of Dr. Lidan You, Dr. Hong Zhou, the ICHTS Chairman of Women's Committee, coordinated the ICHTS Membership meeting in Toronto on October 16, 2010. Prof. Steve Goldstein of University of Michigan was invited to deliver a talk entitled "What was I thinking? A career revisited" (Fig.1). The Webster Jee Young Investigator Award was given to three recipients with the highest rating, who are Bing Shu from University of Rochester for the paper " $\beta$ -Catenin Is A Key Mediator in the Development of Intervertebral Disc Degeneration in Human and in a  $\beta$ -Catenin Conditional Activation Mouse Model"; Xianrong Zhang from University of Pennsylvania for the work on "The *in vivo* effect of EGFR on bone", and Xianglong Han from Baylor College of Dentistry for the project on "A Marrow 'Guardian' Cell inhibits Marrow Space Mineralization and Trabecularization through SOST/sclerostin Expression Studies (Fig.2).



**Fig. 1.** Prof. Steve Goldstein of University of Michigan was giving an invited talk at ICHTS membership meeting (left) in front of over 100 ICHTS members (right).



**Fig. 2.** Immediate past president of ICHTS, Dr. Yi-Xian Qin, was presenting the Webster Jee Award to Bing Shu from University of Rochester, Xianrong Zhang from University of Pennsylvania, and Xianglong Han from Baylor College of Dentistry.

### 2. 2010 Dongguan ICHTS Bone Imaging Workshop, October 25-27, 2010

This workshop was jointly organized by ICHTS and Guangdong Medical Association Osteoporosis Branch and co-organized by Guangdong Medical College, Department of Orthopaedics & Traumatology of the Chinese University of Hong Kong, Division of Radiobiology of University of Utah School of Medicine, Shenzhen Medical Association, and Dongguan Songshan Lake Sci & Tech Industry Park. Dr. Webster Jee and Dr. Ling Qin (HK) of ICHTS were the co-chairs of this workshop. Great local support was made by our ICHTS member Dr. Liao Cui of Guangdong Medical Collage.



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The main themes of this year's ICHTS Imaging Workshop were 1) Advances in Treatment Bone Metabolic Disorders and Enhancement of Fracture Repair; 2) Traditional Chinese Medicine; 3) Bone Anabolic Agents; 4) Osteocytes and Bone Homeostasis, and 5) Basic and Advances in Bio-Imaging Technologies. The workshop was given by world-renowned investigators of basic and clinical science from China, Belgium, Denmark, Germany, Hong Kong, Switzerland, and USA. The accepted abstracts were published in workshop proceeding and will also be edited for publication in BoneKey in early 2011. Over 120 participants attended the workshop and 5 posters were selected for receiving Webster Jee Young Investigator Awards (Fig. 3).

ICHTS wishes to thank the support of Amgen Jiwent Osteometrics, PharaLegacy, Shenzhen Better Industrial Co, Scanco Medical Skycon, Stratec and Xradia for making this a successful Workshop.



**Fig. 3:** Five Webster Jee Young Investigator Award recipients from Mainland China and Hong Kong. Dr. Webster Jee (the 4<sup>th</sup> from the left), ICHTS board Chairman Dr. Qian Chen (the 2<sup>nd</sup> from the right), and local host Dr. Liao Cui (the 1<sup>st</sup> from the right) were presenting certificates to the awardees.

### 3. The 5<sup>th</sup> International Conference on Osteoporosis and Bone Research (ICOBR), October 28-31, 2010

#### 3.1. Animal Model Workshop of Bone Disorders:

An animal model workshop was organized by ICHTS in Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences (SIAT) in Shenzhen ([www.siat.ac.cn](http://www.siat.ac.cn)), with over 70 participants from Australia, Belgium, China, Germany, Hong Kong, and USA (Fig. 4). The workshop formed a good platform for future development of translational medicine in musculoskeletal area.

ICHTS wishes to thank the providing venue and staff as well as E-Ande for making this a successful Work-



shop. support of SIAT for well as E-Ande for making this a successful Workshop.

**Fig. 4.** Over 70 participants had excellent exchange at the Animal Model Workshop of Bone Disorders as a pre-congress work-



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## 3.2. ICOBR main meeting:

In collaboration with the Chinese Medical Association (CMA), the Chinese Society for Osteoporosis and Bone Mineral Research (CSOBMR), and the International Society of Bone and Mineral Society (IBMS), ICHTS has organized the 2010 ICOBR in Shenzhen, Guangdong Province of China. A total of 450 abstracts were submitted, with over 200 from overseas. Accepted abstracts were published in BONE Supplement (BONE supplement: Bone (47)). A total of 700 participants from more than 20 countries participated in this milestone event.

Apart from excellent programs and interaction between speakers and attendees, 2010 ICOBR also created a Life Long Contribution to the Osteoporosis and Bone Research Award. This award was designed for the first time to honor the individuals who have made outstanding contributions to the osteoporosis and bone research and the series of ICOBR Conferences. Dr. Steve Cummings of IBMS, Dr. Xunwu Meng of CSOBMR, and Dr. Webster Jee from ICHTS were the award recipients (Fig. 5). Details on their contributions to osteoporosis and bone research were described in the BONE supplement: Bone (47): S5335-S5336, 2010. A number of Webster Jee Travel Awards were given to selected recipients whose abstracts were rated by a distinguished international panel in a blind fashion (Fig. 6).



**Fig. 5.** 2010 ICOBR Life Long Contribution to the Osteoporosis and Bone Research Awards was given to Dr. Steve Cummings of IBMS, Dr. Xunwu Meng of CSOBMR, and Dr. Webster Jee from ICHTS (the 3rd, 4th and 5th from left) at the Opening Ceremony of 2010 ICOBR in Shenzhen, China on October 28, 2010



**Fig. 6.** Webster Jee Travel Awardees at the closing ceremony of 2010 ICOBR in Shenzhen International Convention Center.



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#### 4. ICHTS retreat and Board Meeting in Shenzhen, Guangdong, China.

Board Chairman Dr. Qian Chen hosted the board meeting between Oct. 31 and Nov 1, 2010, immediately after ICOBR in Shenzhen, with assistance of Dr. Ling Qin (HK) (ICHTS president) and Dr. John Zhongzhi Yuan of local committee of ICOBR, and Dr. Hong Zhou, Chairman of ICHTS Women's Committee Chairman. ICHTS founding member, Dr. John Zhongzhi Yuan of Shenzhen Beijing University Hospital partially sponsored the board retreat. Prof. T Clemens, the JBMR editor-in-chief, also participated in our board retreat to encourage good research in China.

As the 3 years' term of board chairman Dr. Qian Chen ended in October 2010, new election was conducted at the board meeting. Dr. Hong Zhong of University Synergy, Australia was elected as the new ICHTS Board Chairman for the coming 3 years (Figs. 7 & 8). In addition, Dr. Ling Qin (HK) nominated Dr. Tingting Tang to chair the China Development Committee, effective from Nov. 1st, 2010.



**Fig. 7.** Board meeting in Shenzhen (left) and Dr. Hong Zhou was selected as the new ICHTS board chairman, congratulated by ICHTS president-elect Dr. Ed Guo (right)



**Fig. 8.** Group photo of participating board members after board meeting, together with ICHTS collaborating center representatives, and special guest Dr. T Clemens, editor-in-chief of JBMR (the 3<sup>rd</sup> one from right of the first row).

### III. ICHTS Upcoming Major Events

#### 1. 2011 ORS-ICHTS Membership Meeting

The ICHTS membership meeting has been scheduled for January 15, 2011 in Room 203 at the Long Beach Convention Center, California. Program Committee Chairman, Dr. Xiaodu Wang, is in charge of the meeting. Webster Jee Awards will be announced at the meeting. A Keynote Speech on "Few Tips for NIH Grant Application" will be delivered by Dr. Di Chen, Professor of University of Rochester.



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## 2. 2012 ICOBR

It has been decided by organizing committee of ICOBR with representatives from three societies (CSOBMR, IBMS and ICHTS) to run the 6th ICOBR in Xian, China in October 2012. Precongress ICHTS bone research workshop will also be arranged in ICHTS collaborating center in Xian. Details will be announced later.

## 3. ICHTS Bone Workshop

Dr. Di Chen and Dr. Xu Cao of ICHTS will organize an ICHTS Bone Workshop at Shanghai in the week of June 27, 2011. Details of this workshop will be announced later. ICHTS has invited two distinguished bone scientists as our guest speakers of the workshop. They are 1) Steven L. Teitelbaum, M.D., Wilma and Roswell Messing Professor, Department of Pathology and Immunology, Washington University School of Medicine, Former ASBMR President and Former FESEB President; 2) Mone Zaidi, MD, PhD, FRCP, Professor of Medicine, Director, Mount Sinai Bone Program, Mount Sinai School of Medicine.

## IV. News on ICHTS-Mainland Collaborative Centers

### 1. Opening of “ICHTS Collaborating Center for Orthopaedic Translating Research of Shanghai Key Laboratory of Orthopaedic Implant”

An opening ceremony the a ICHTS Collaborating Center “Joint Research Center on Anti-Osteoporosis Innovative Drugs of Guangdong Medical College and ICHTS” was held on October 26, 2010 at the opening of the 2010 ICHTS Bone Imaging Workshop at the Guangdong Medical College in Dongguan, Guangdong, China (Fig. 9).



**Fig. 9.** Opening of “Joint Research Center on Anti-Osteoporosis Innovative Drugs of Guangdong Medical College and ICHTS

### 2. A Special Seminar at Guangdong Medical College

In association with the 2010 ICHTS Workshop on Bone Histomorphometry and Imaging (Oct 25-27, Dongguan, China), ICHTS members and past and current leaders including Drs. Ling Qin (Professor, Chinese University of Hong Kong), Linda Ma (Research Fellow, Eli Lilly and Company, USA), Mei Li (Associate Research Fellow, Pfizer, USA), Gang Li (Professor, Chinese University of Hong Kong) and David Ke (Scientific Executive Director, Amgen, USA) were invited to meet and interact with faculty and medical and pharmacy students of Guangdong Medical College in its Dongguan campus in the evening of Oct 25, 2010 (Fig 10). David led off the evening by slide presentation that discuss the trend and complexity of medical and biopharmaceutical research in the western countries, and share his successful and failure life experiences in selecting research direction and topics. During the panel discussion, ICHTS members addressed a variety range of questions from basic, clinical research to life experience in Hong Kong and the United States. It was a very interactive, enthusiastic and engaged discussion between audiences and the panelists. The scheduled one hour event last for more than two-and-half hours on the demand of the audiences. More than 400 students, faculty, and senior leaders of Guangdong Medical College participated in this event.



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美籍华人科学家回“广东医”母校参加研讨会  
科学家校友与学子分享成功与喜悦  
2010-11-01 21:02:19 来源: 碧海银沙 评论1条 点击查看

从左右, 马燕飞教授、廖峰教授、柯华珠教授、李梅教授、李刚教授联袂主席台上

碧海银沙网讯 (图文/特约摄影师 许良金 通讯员 黄金莹 编辑/韦 儿 蔚 吉) “科研是一个历时漫长的过程, 除了需要努力工作、要有足够的资金、要有好运气, 更重要的是要有多方合作的意识及团队合作精神”, 这是10月26日晚, 广东医学院七九届毕业生、美籍华人科学家、原华人药研协会会长、美国Amgen生物制药公司骨生物研究中心主任柯华珠先生给广东医学子作讲座时给校友的勉励。



座无虚席的会场

Fig. 10. A special ICHTS seminar at Guangdong Medical College.

## V. New ICHTS members

A total of 73 research scientists joined ICHTS between Oct 2009 and Oct 2010 per report provided by the Membership Committee Chairman, Dr. Ling QIN (USA) (Fig. 11).

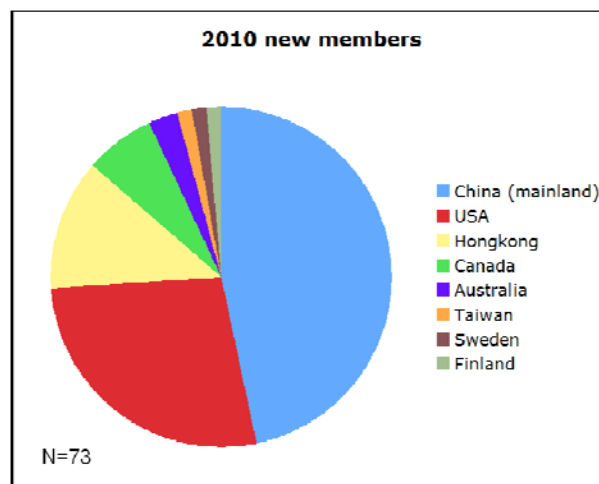


Fig. 11. Distribution of 73 new members joined ICHTS between October 2009 and October 2010.



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## VI. Members' Recognitions

### 1. An ASBMR Meet-the-Professor Webinar Presented by Dr. Xu Cao

Dr. Xu Cao, an ICHTS senior member, is Lee Riley professor and co-Director, Center for Musculoskeletal Research Department of Orthopedic Surgery at Johns Hopkins University. His primary research interest is focused on the coupling mechanism of bone resorption and bone formation during bone remodeling. His group has identified that active TGF- $\beta$ 1 released during osteoclastic bone resorption induces migration of bone mesenchymal stem cells to couple bone resorption with formation. Dr. Cao is a Senior Associate Editor of JBMR and has excellent reputation in bone mineral research. Sponsored by the ASBMR Education Committee, Dr. Cao was commissioned for an ASBMR Meet-the-Professor Webinar on November 18, 2010, to address: 1) The mechanism of bone marrow mesenchymal stem cells' involvement in bone remodeling; 2) The function of TGF- $\beta$ 1 in bone remodeling; and 3) The role of skeletal stem cell during bone remodeling

### 2. ICHTS-Service Awards

The 2011 ICHTS Service Award will be given to Dr. Xiaogong Li, the immediate ICHTS treasurer to acknowledge his excellent service to the Society in the past 3 years and Dr. Daren Xiaohui Ji, the past president of ICHTS, for his continues and generous support to our society's educational activities. Awards will be presented at the coming ICHTS membership meeting of ORS 2011 in Long Beach, California.

### 3. Journal of Orthopaedics Surgery and Research (JOSR)

JOSR is an official on-line journal of the Chinese Speaking Orthopaedic Society (CSOS) and our ICHTS (<http://www.josr-online.com>). Our journal editors are making efforts to make JOSR to become a SCI journal in the coming 1-2 years so that our members are encouraged to contribute both review articles and original papers to the joint CSOS-ICHTS JOSR.

## VII. Job and Education Opportunities

1. Principal investigator is searched by Orthopaedic Research Institute of Suzhou University. For details, please contact Prof. HL Yang ([suzhouspine@163.com](mailto:suzhouspine@163.com)).
2. You are encouraged to apply for the Hong Kong Ph.D. Fellowship Scheme via <http://www.ugc.edu.hk/eng/rgc/hkphd/>.
3. Multiple postdoctoral positions will be available in the Dept. of Biostatistics, Tulane University School of Public Health and Tropical Medicine. Research experience in at least one of the following areas is desired: human genetics or genomics, proteomics, population genetics, pharmacogenomics, and bone molecular genetics. Interested candidates please contact Dr. Hong-Wen Deng at [dengh@umkc.edu](mailto:dengh@umkc.edu).





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4. Principal investigator is searched by Translational Medicine Research & Development Center, Institute of Biomedical and Health Engineering, Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences in Shenzhen, Guangdong Province, China (Website: [www.siat.cas.cn](http://www.siat.cas.cn)). For details, please contact Prof. L Qin ([lingqin@cuhk.edu.hk](mailto:lingqin@cuhk.edu.hk))

## VIII. Message from the ICHTS Publication Committee

Dear members and colleagues:

A new email account ([ichts.update@gmail.com](mailto:ichts.update@gmail.com)) has been set up for you to submit or share information in ICHTS E-newsletter. You may send any of the following materials to this email account for distribution:

- ICHTS major meetings and events.
- Grant awards and/or major publications that are thought to be of high scientific and/or social impact.
- Members recognitions.
- Job and education opportunities.
- Others.

Thanks!

Yao-Zhong Liu, M.D., Ph.D.  
Associate Professor  
Dept. of Biostatistics  
Tulane University School of Public Health, New Orleans, USA