

The 32nd Sun Valley Hard Tissue Workshop

Introduction

In this issue we are fortunate to have speakers from the Thirty-second International Sun Valley Hard Tissue Workshop, August 4-8, 2002, Sun Valley, Idaho, USA, allow us to publish the expanded summaries of their talks. They contain the guts of the material presented, with references. They are invaluable in that they serve to prepare one for interdisciplinary discussion as well as to point investigators in other disciplines to key references and to seek out with whom to explore collaborative studies.

This year's Workshop featured fewer speakers that allowed for more time for dynamic discussions. [One can never experience such exchange unless they have attended a Sun Valley Hard Tissue Workshop.] Instead of a short summary, several speakers from the Bone Cancer and Cancer Cell Metastasis sessions have generated mini-review articles that were peer reviewed in lieu of a summary of their talks (H. Donahue, D. Welch, C. Bagi) and will be published in a later issue. Also David Burr was successful in his tough task of extracting "Where we are and where to go next" type summaries from each Chairperson. These summaries are published here after each session.

The Thirty-second Workshop covered six topics, a plenary lecture by Professor A. Michael Parfitt along with a poster session with a wine and cheese socializer and Workshop wrap-up and summaries session.

Plenary lecture - Michael Parfitt- "Life history of osteocytes in cancellous bone: Relationship to bone age, bone turnover and vertebral fractures".

Session Topics and Speakers:

- "Osteoarthritis: Interaction of Subchondral Bone and Cartilage in OA", organized and chaired by Mitch Schaffler (articles by Bendele, Lajeunesse, Bailey*, Westacott and summary by Schaffler).
- "Osteoarthritis: New Ideas in Cartilage Biology", organized and chaired by Alison Bendele (articles by Carson, Goldring, Sandell and summary by Bendele).
- "Osteoporosis and Fracture Risk: Bone Matrix Quality", organized and chaired by David Burr (articles by Burr, Turner, Bailey, Boskey, Weinans, Boivin and summary by Burr).
- "Bone Cancer", organized and chaired by Janet Hock (articles by Hock, Gorlick, Miller, Hansen, Mantyh and summary by Hock).
- "Cancer Cell Metastasis", organized and chaired by Cedo Bagi (Bagi, Keller, Guise, Keller and a summary by Bagi).
- "Osteoblast Biology in Osteoporosis", organized and chaired by Janet Hock (articles by Jilka, Fedarko, Ke*, and a summary by Hock).

The Workshop concluded with an important session on Workshop Wrap-up and Summary chaired and edited by David Burr (summaries by Schaffler, Bendele, Burr, Hock (2) and Bagi). The summaries are found at the end of each topic.

Also printed are the abstracts from 28 posters that were displayed at the Workshop.

Most important, I want to thank all the Chairpersons for their tremendous contribution to making this one of the more exciting and productive Workshops. A special thanks to David Burr who made it all happen. Nevertheless, remember the Workshop motto – "There's always room for improvement."

Lastly, a reminder that the Thirty-third Workshop is on August 3-7, 2003, and should be an exciting one. Please mark your calendars.

The topics for the Thirty-third Workshop are:

- Estrogen Receptors Interactions and their Mediation of Mechanical Signaling
- Mechanisms of Fracture Healing and Pharmacologic Control
- Exercise in Children
- Temporomandibular (TMJ) Biology
- Tendon and Ligaments – Biology and Repair
- Bone Turnover and Fracture Risk

Information on how to join in can be found at our web site: www.utah.edu/radiobiology, then click on Sun Valley Hard Tissue Workshop. Please join in this learning experience for young and old!!

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Founder & Chairman of Sun Valley Hard Tissue Workshop
Co-Editor-in-Chief of JMNI

* Both Drs. Bailey and Ke chose not to have their articles published.