



SPECIAL ISSUE: VAIL SCIENTIFIC SUMMIT

WORLD-RENOWNED EXPERTS RETURN TO VAIL TO SHARE THE LATEST IN REGENERATIVE MEDICINE

Each August, scientists, physicians and researchers join Steadman Philippon Research Institute (SPRI) in Vail for the annual Vail Scientific Summit. Now in its ninth year, the summit has become an essential event for experts in regenerative medicine—scientists not only share their latest research, but also have the opportunity to collaborate and meet with other scientists in the field.



AN IDEA BECOMES A STAPLE EVENT

It was 2015 when Johnny Huard, PhD joined SPRI as Chief Scientific Officer and Director of the Linda & Mitch Hart Center for Regenerative and Personalized Medicine (CRPM). He'd been on the team for just a few weeks when he joined a conversation including SPRI Chairman and Managing Partner of The Steadman Clinic Marc J. Philippon, MD, CEO Dan Drawbaugh and Mike Shannon, Chairman of KSL Capital Partners and one of SPRI's most significant benefactors.

After a welcome to the SPRI community, the gentlemen decided to float an idea to Dr. Huard. "They wanted me to start a scientific meeting here in Vail," Dr. Huard shared. "I told them that I liked the idea and that I would put it on my agenda for the next year." But he quickly ascertained that Dr. Philippon, Drawbaugh, and Shannon had a different idea about the event. They wanted the meeting to be held just a few weeks later, that very summer.

Typically, conferences require many months for planning—the 2024 Vail Scientific Summit, for example, was reserved 12 months in advance to secure the space. For Dr. Huard to assemble the 2015 event in just a few weeks was a significant accomplishment,

and one that launched SPRI and Vail as a destination for research. "The Summit has become a centerpiece of collaboration," shared Dr. Huard. "And we are not in a major metropolitan market like New York, Chicago or Los Angeles. We are in the small resort town of Vail, Colorado."

Since this first conference, the Vail Scientific Summit has grown to be a staple scientific conference for attendees from all over the world. "I want to make Vail a hub for translational medicine for orthopaedics and sports medicine," Dr. Huard said. "When a scientist or doctor comes up with a new idea or procedure or surgery that will possibly make a significant impact in the world of orthopaedics and sports medicine, I want him or her to want to come to the Vail Scientific Summit to present the new findings."

Over the years, several research networks—funded by philanthropy and federal grants—have developed from the Vail Scientific Summit, including cross-institutional collaborations. This year, the SPRI team looks forward to reconnecting with their collaborators and forging new partnerships in regenerative medicine and sports medicine.

NINTH ANNUAL EVENT WELCOMES LEADERS IN THE FIELD



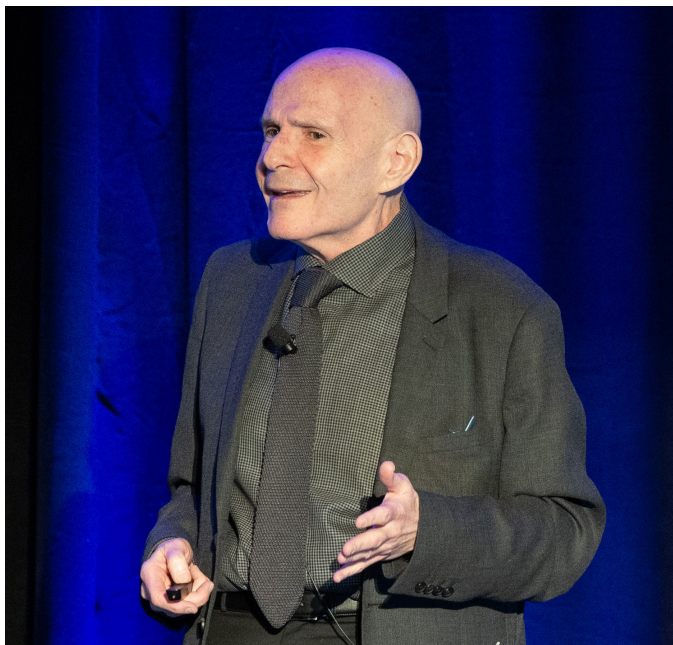
Lindsey Criswell, MD, MPH, DSc

The 2024 VAIL SCIENTIFIC SUMMIT includes over 60 speakers—experts in regenerative medicine, orthopaedic surgery, bioengineering and healthy aging.

The conference opens on August 18, 2024 with a keynote address from Lindsey Criswell, MD, MPH, DSc, Director of the National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS), an Institute of the National Institutes of Health (NIH). As Director of NIAMS, Dr. Criswell oversees the Institute's annual budget, totaling more than \$685 million. NIAMS is dedicated to advancing health through biomedical and behavioral research, research training and sharing information on the research progress of arthritis, musculoskeletal and skin diseases.

The morning of August 19th includes a scientific keynote by Sam Stupp, PhD, of Northwestern University. Dr. Stupp's keynote is followed by sessions on Joint and Musculoskeletal Repair; Stem Cells, Exosomes and Bioengineering; and Age-Related Tissue Degeneration and Repair. The afternoon sessions include Regenerative Medicine for Musculoskeletal Diseases and Conditions; Innovative Health and Healthy Aging; and a Round Table on Military Medicine, Orthopaedic Surgery and Musculoskeletal Research. The day's scientific sessions conclude with a debate on whether regenerative medicine will delay or prevent joint replacement, which will feature SPRI's Johnny Huard, PhD and The Steadman Clinic's Raymond Kim, MD, followed by a poster session and reception for attendees of the conference.





Sam Stupp, PhD, of Northwestern University



James Kirkland, MD, PhD, of Cedars-Sinai Hospital, Los Angeles

The second day of the event also opens with a scientific keynote, featuring James Kirkland, MD, PhD, Cedars-Sinai Hospital, Los Angeles. The scientific sessions include Regenerative Medicine Approaches for Bone and Cartilage; Novel Technologies, Biomedical Engineering and Osteoarthritis Treatments; Healthy Aging and Interventional Strategies for Neurodegeneration; and Healthy Aging and Interventional Strategies for Cancer. The afternoon sessions include Musculoskeletal Repair, Orthobiologics and Pain Management; Orthobiologics, Robotic Surgery and Spine Research; and Skeletal Muscle Tissue Engineering. The event concludes with a closing reception for summit attendees.

What They've Said About the Vail Scientific Summit

Here are some quotes shared by participants of previous Vail Scientific Summits:



“It is amazing to see that the topics are expanding. The collaboration is expanding. The people from the Department of Defense and the NIH are really impressed with the program that we have put together. We knew that with Johnny’s leadership the Vail Scientific Summit would move to great things, but truly it is amazing to see that this conference has exceeded our expectations. Essentially this is a think tank to help us all take better care of our patients.”

MARC J. PHILIPPON, MD
Steadman Philippon Research Institute
and The Steadman Clinic



“What I’ve noticed over the years is not only the growth of people who attend but also the expansion of the breadth of the people who come. Whether it’s basic scientists, clinicians, sometimes even athletes, it’s been a dramatic coalescence of people with a variety of interests on which to focus. It could be cartilage, it could be bone, it could be tendon, it could be sports. It’s been amazing that these people can all come together and discuss advances in science that might help people become healthier, stronger and live longer.”

MARK MARKEL, DVM, PHD
University of Wisconsin-Madison



“It’s often at the intersections of disciplines that the answers to the world’s greatest challenges occur. This meeting is one of those examples that we’ve brought people from all over the world, from every discipline, to focus on issues surrounding musculoskeletal disease, regenerative medicine and aging, and it’s that interdisciplinarity that brings strength to every collaboration, and I think that’s what the spirit of this meeting is about.”

NICOLE EHRHART, VMD
Colorado State University



“This is a wonderful Summit in that it brings a lot of scientists from different specialties together to function as a team. Some of the things that are being talked about will be very helpful in furthering some of the research, and potentially some of the phase one clinical trials. When you bring in different perspectives or different disciplines, and we look at problems from a different point of view, that helps us solve problems in ways that have never been thought of before.”

FRANCIS HORNICEK, JR., MD, PHD
University of Miami



“I’ve known and admired Marc Philippon for many years and he has built something here that is most impressive. The unique thing about this private enterprise that’s not university related, is that they are doing very serious research that is respected by the NIH and supported by philanthropists and people come here for a good reason, from all over the world for the best possible sports medicine care, so for me it’s a pleasure to come and be a part of this.”

RICHARD SANTORE, MD
University of California San Diego



“The Vail Scientific Summit is a very unique opportunity for the basic scientists and clinician scientists to be in the same room, listen to each other, ask questions in a face-to-face situation and open up opportunities for collaboration in the future. People are in the same room saying, ‘Wow, I’m working on that as well. I have an interest in that.’”

LESLIE VIDAL, MD,
The Steadman Clinic



Sharing Ideas a Hallmark of Summit

**Attendees of the 2023
Vail Scientific Summit**

With diverse speakers joining the Summit from unique disciplines and focus areas, the 9th Annual Vail Scientific Summit will be centered around the dissemination of key research findings and new approaches within regenerative medicine and clinical translation. As research networks reconnect and new collaborations are fostered, world-renowned scientists and clinicians will again gather in Vail for this leading scientific conference.

FOR MORE INFORMATION ABOUT SPRI'S PROGRAMMING AND HOW YOU CAN SUPPORT OUR RESEARCH, CONTACT VP OF DEVELOPMENT AND PATIENT EXCELLENCE PROGRAMS **LEE JONES: LJONES@SPRIVAIL.ORG | 970.390.8126**