

FOR IMMEDIATE RELEASE

## **Stem Cell... A New Frontier in Treating Osteoarthritis.**

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Frederick, Maryland--- March 18, 2010--- The body's response to injury is a very specific series of steps that is often referred to as the "Healing Cascade". This natural healing process requires a combination of stem cells, growth factors, and matrix to optimize tissue repair and regeneration. The use of these cells to augment and accelerate the natural healing process is considered by many to be a "new frontier" of clinical treatment.

After spending more than twenty-one years in the Army, the physical stress placed on patient, Warren Suker's body was relentless. Doctors prescribed a cocktail of medications to help manage the pain—without much relief to his arthritis symptoms. At the recommendation of Dr. Wei and doing a little of his own research on stem cells he was eager to have the new procedure done using his own stem cells.

“Dr. Wei explained that the stem cells would be extracted from Mr. Suker's own bone marrow and injected into his knee anticipating that the stem cells would regenerate lost cartilage—extending the natural life of his knee.” Mr. Suker states, “After the procedure I was able to walk out of the office. Within one week, I was actively moving around. It's been more than 18 months and I've been told that there is continued improvement and definite signs of cartilage regrowth. I am looking forward to having the other knee done.” Mr. Suker follows, “The procedure was easier than I thought, no unbearable pain, and I was conscious and relatively comfortable the entire time.”

He states further, “I am slowly building my strength back up with low impact exercises. My range of motion is incredible, and I'm living my day... not worrying about knee pain. I'm really pleased!”

Dr. Wei states, “Concentrates of autologous adult stem cells derived from bone marrow have been shown in clinical studies to be significantly effective in achieving tissue regeneration in vascular, orthopedic and

cardiovascular diseases.” He continues, “Bone marrow is a rich source of autologous adult stem cells, growth factors, and accessory cells. Recent technologic advances now provide the ability to highly concentrate these multi-potent stem cells and growth factors in a short period of time for treating various diseases.”

Dr. Wei is a board-certified rheumatologist and Clinical Director of the Arthritis Treatment Center, a nationally respected arthritis research facility, located in Frederick, Maryland.

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