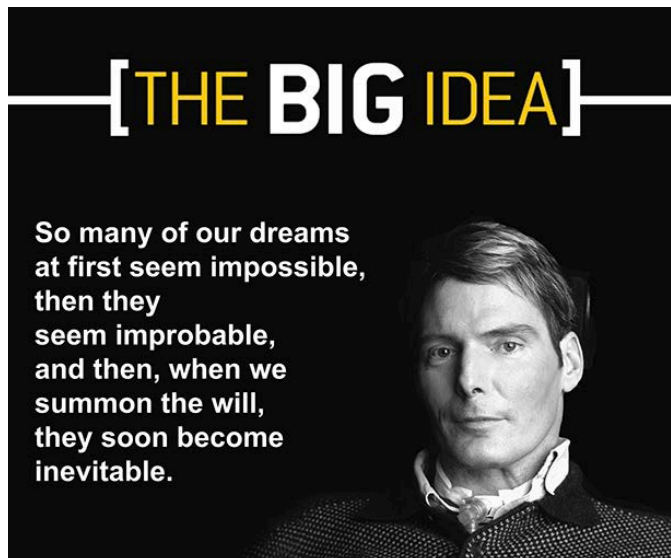




## Traumatic Spine and Brain Injury Awareness

Prepared By: Quantum Corp.





Recent developments in stem cell research present the Company a unique opportunity to contribute to the advancement of traumatic brain, spine, and neck injury. In 2018 the Company will work with the Christopher Reeve Foundation, and the Shumacher family through the Institut du Cerveau et de la Moelle épinière, raising global awareness for this great cause. As many of you know, Christopher Reeve tragically fell in a horseback

riding accident. Christopher Reeve's courage, and charisma should serve as a powerful reminder of what can be accomplished when faced with adversity. Since the tragic accident the Christopher Reeve Foundation has raised Millions of dollars in funding for spinal care research. More recently, Michael Schumacher tragically fell in a skiing accident. Since then Michael Schumacher and his family have also raised Millions of dollars in funding for spinal care research. No words can describe the pain, sorrow, suffering, and anguish of these two great men or their families. When I was Sixteen I found myself in a similar circumstance being diagnosed with cancer. The treatments I had, and the hardship my family endured seemed to echo into the abandoned chambers of eternity falling upon ears who will remain deaf to comprehending that type of trauma. For me this is a painful reality, but I cannot begin to imagine being trapped in a daily cycle of not recovering, and the devastating effect not recovering or even being given the chance to recover would have on my family. As the Company begins its path down this project the overwhelming sense of intuition, and knowing that I have been afforded the opportunity to recover reveals a burden within that has led me to this great cause. For me, the opportunity to recover came in the form of stem cell transplantation. Since my transplant in 2003





many advances in stem cell research have been made. The latest stem cell research has now come in the form of ASTOPC1. ASTOPC1 is comprised of oligodendrocyte progenitor cells manufactured from a pluripotent embryonic stem cell platform. Preclinical trials have been most promising. Target specific injection of

ASTOPC1 to damaged areas of the back and spine are just the beginning to this new cell therapy. Imagine for a moment the true potential of this type of regenerative stem cell therapy. What would be the next step? Many people who are effected by traumatic brain, spinal, and neck injury often suffer damage to other parts of the body impairing critical signaling pathways necessary for motor function. It is many researchers expectation that cultivating damaged tissue and organs along with the target specific ASTOPC1 stem cells could improve these signaling pathways. This is a new and promising approach to the very complex set of problems involving traumatic brain, spine, and neck injuries. However, much research has to be done so that advances like this can be made. In the coming weeks a new film project will be proposed, and highlighted within the Company's annual report that outlines how we can do our part funding this most noble of causes. The Company's Dr. Sanjay Gupta will highlight advances in this field of research strategically working with a team to delegate competitive grants to Universities, and encouraging related bio-hacks through our

Air Time for Equity segments.

This multipronged approach will produce a strong competitive global field from all walks of life creating the innovative diversity necessary to meet



Meet Some of the Physicians  
and Cervical Spinal Cord  
Injury Patients in the  
AST-OPC1 Clinical Trial







the burden of this challenge. This allows the funds to be allocated to the best most viable solutions creating a Quantum ecosystem of bio-related innovation first beginning with traumatic brain, spinal, and neck injury then

branching out into other areas of medicine in need of new novel approaches to complex problems. This self aware approach will give those in the field traumatic brain, spine, and neck injury research a strategic hand up, and is in line with the new transitional outlook of the Company placing an emphasis on film productions to incorporate good causes into prospective project outlooks. This strategic shift in how the Company analyzes potential film productions creates the necessary innovative synergies to deepen the prospective audience of talent in solving problems like traumatic brain, spine, and neck injury in real time. This is just the first step in a series of steps that will help our great friends at the Christopher Reeve Foundation, and the Shumacher family through the Institut du Cerveau et de la Moelle épinière, meet their goal of being given the chance to recover. Accidents happen in life, but what defines us is how we endure, how we innovate to survive, how we inevitably prevail against all the odds to embrace the slightest chance. Both

Christopher Reeve and Michael Schumacher' dedication to traumatic brain, spine, and neck injury research has brought the field of stem cell research to new heights, and we are most honored to carry on this legacy.

