Neuroscience from basic research to its clinical aplication, vice versa

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ABSTRACT

The understanding of the human brain represent a scientific conundrum and ultimately, the human brain in its studies of itself may be incapable of solving many of its mysteries. More than a century ago, Fridjof Nansen, an Norwegian neuroscientist, first described the cell as a basic and individual elemen of the nervous system in 1880's; as we reveal in more detail today. In fact its change our paradigm in how we think about nervous system, especially for me regarding the clinical problem in neurosurgical field. Some of the major discoveries in fundamental nervous system function have been awarded the nobel prize in physiology and medicine, that I will tell more about it in my presentation.

Neuroscience nowadays is transforming into a multidiciplinary that have implication far beyond basic science and medicine, affecting education, law, business, government, and many more parts of our social world. Medical neuroscience and neurosurgery is an exciting, ever-changing, and challenging discipline of medicine. My research oriented are focuses on the brain microvessel endothelial cells, neural stem cell applications and malignant brain tumor cell death induced by our novel compund, that I will elaborate later-on. Recently, we bridging up between neuroscience biology and technology, as two great power to change the world, from my point of view. Even in my research, there is more questions than answer; therefore, I always looking for the answer in both ways. I try to applied the results of my basic research into clinical application, and if there is obstacle or problem, we should return-back to the lab to search for the answer. In other word, from basic research to its clinical aplication, vice versa

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