



Neuroscience for the Society; the Power of the Individual Brain

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ABSTRACT Within the past few years several genes have been indentified that confer vulnerability to a given neurological disease. Somatic and germ-line engineering an therapy can enrich and reshape society for the better, these issues however will challenge many souls. Would this be considered eugenic genetic engineering or enhancement genetic engineering? Will the benefits outweigh the risks? Although advances in neuromodulation techniques offer new therapeutic interventions for patients with neuropsychiatric diseases, several complex social and, ethical issues will accompany developments in this field. The misuse of some scientific results, the mechanistic approach to the neurochemical and biochemical observations of brain mechanisms may results in inadequate treatment of some patients. The society must face the question: at what point does behaviour become abnormal, and who has the right to decide what is abnormal? As we understand more about the brain, will alter the socity's views on the moral and legal responsibilities of individuals? During evolution the human brain has developed to a sophisticated level, acquired the capability of making conscious decision and carry out different activities not only for survival goals, but also improving individual and societal well being.

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