

## Futuristic Vision of Neuroscience and the Vast World of Biomedical Science

Sukanchan Palit<sup>1\*</sup>

<sup>1</sup>43, Judges Bagan, Post-Office- Haridevpur, Kolkata-700082, India

\*Corresponding Author: Sukanchan Palit

43, Judges Bagan, Post-Office- Haridevpur, Kolkata-700082, India

Article History: | Received: 18.12.2023 | Accepted: 22.01.2024 | Published: 23.01.2024 |

**Abstract:** Science, technology, engineering and medicine are today in the groundbreaking path of scientific steadfastness and scientific alacrity. The futuristic vision of biomedical science and neuroscience are today in the path of rejuvenation as United Nations Sustainable Development Goals reframes the path of human civilization. The author is suffering from schizophrenia since 1993. Long years have passed since then. The struggle, hardship and tribulations are immense in the path of life. This article is a deep introspection into the field of schizophrenia, neuroscience and biomedical science. This treatise is a deep message to all the sufferers of this difficult ailment of schizophrenia. The march of medical science and health science are in the path of newer divination and scientific revelation. Human civilization is treading ahead as regards scientific strides in the vast world of neuroscience. The author deeply reiterates the need of psychotherapy and counseling of the patients with schizophrenia. A greater scientific emancipation and scientific introspection are the needs of the hour. Thus the author deeply portrays the needs of biomedical science and the vast and visionary world of neuroscience in the futuristic envisioning of global research and development initiatives.

**Keywords:** Schizophrenia, ailment, illness, vision, pain, agony, tribulations, struggle.

**Copyright © 2024 The Author(s):** This is an open-access article distributed under the terms of the Creative Commons Attribution 4.0 International License (CC BY-NC 4.0) which permits unrestricted use, distribution, and reproduction in any medium for non-commercial use provided the original author and source are credited.

### 1.0 INTRODUCTION

Science, technology and human civilization are today in the path of newer scientific destiny and deep scientific regeneration. The vast, varied and visionary world of biomedical science and neuroscience needs to be re-envisioned with the passage of human history and time. The author is suffering from schizophrenia since November 1993. Since September, 2012, he is diagnosed with glaucoma in his both eyes. There are today tremendous scientific intricacies in the field of neuroscience, psychiatry and psychology today. Scientific discoveries and deep scientific provenance are the utmost needs of the hour. In this article, the author deeply elucidates the needs of scientific breakthroughs and scientific discoveries in the field of biomedical science and neuroscience. The futuristic vision of biomedical science and neuroscience are replete with deep scientific and medical ingenuity and revelation. Since 1993, he is suffering from this ailment tremendously. Throughout his entire 55 years of life he is beset with different health issues. A newer world of science and engineering will surely emerge if scientists,

researchers and policy makers takes appropriate steps in devising newer cures and newer therapies.

### 2.0 Scientific Divination, Scientific Ingenuity and Knowledge Prowess in the Research Pursuit in Schizophrenia, Neuroscience and Biomedical Science

The ingenuity and divination of science, technology, engineering and vision are in the path towards scientific and technological prowess and ingenuity. Schizophrenia is an extremely difficult ailment to treat. Today, practically there is no medicines for treatment of schizophrenia. After he was diagnosed with schizophrenia, he was taken to NIMHANS (National Institute of Mental Health and Neuro Sciences), Bangalore. There in the year 1997 he was prescribed with Clozapine. Since August, 2020, his conditions became grave and today he was prescribed with higher dosage of Clozapine. The research pursuit in the field of schizophrenia, neuroscience and biomedical science needs deep scientific understanding and deep scientific envisioning as man and mankind moves forward. There were tremendous difficulties and ardor in the author's journey of life. Today, in the midst of his

employment he has auditory hallucination and obsessive compulsive disorder. The vision of his life is replete with immense agony and pain. He is a graduate (1992) and postgraduate (1994) in Chemical Engineering from Jadavpur University, Kolkata, India. Just after his graduation year, he was beset with immense worries and uncertainties of job and employment. There was no employment as he hails from a middle class family in Kolkata, India. In his final days of post-graduation, he started hearing sounds and was diagnosed with schizophrenia. In spite of his illness he treaded the path of life forward. He successfully completed his postgraduation in 1994. A newer dawn in his life started as he got a chemical engineering job in New Delhi, India. But he started discontinuing medicines. That created disaster in his life. In 1996 he got a teaching job in BITS, Pilani, Rajasthan, India. He again started discontinuing medicines. He discontinued his job and returned to his hometown Kolkata, India. He was admitted in a mental health nursing home twice and kept under observation in 1997 and 1998. Then in the year 1998, he accompanied his parents to the family ward at NIMHANS, Bangalore, India. Clozapine dosage started in that year. He lost one job after another. Relapses of his illness occurred frequently. After August, 2020, his condition deteriorated. He got a teaching job in a reputed university in North India in the year 2012. He lost the job in May, 2023. Today, he is in his home in Kolkata and under psychiatric treatment with major relapses. The world of neuroscience and biomedical science needs re-envisioning and re-organization as regards treatment and cure of mental health illnesses. Surely a newer dawn in human civilization will emerge if psychiatrists and psychologists across the world takes effective steps in discovering newer treatment of mental health and bi-polar disorders [1-4].

### **3.0 The Vision and Triumph of Bio-Medical Science, Health Science and the Domain of Mental Disorder and the Needs of Psychiatry and Psychotherapy to Human Life**

The vision and triumph of bio-medical science and health science are in the middle of a deep crevice of scientific contemplation and scientific comprehension. Today is the world of Fourth Industrial Revolution and Internet 3.0. The provision of proper healthcare is one of the pillars of United Nations Sustainable Development Goals. The envisioning of the science of psychiatry and psychotherapy are the utmost needs of the hour. The domains of mental health disorders and bi-polar disorders needs in the similar vision re-envisioning and revamping as regards treatment and cure of schizophrenia. Today there is practically no cure of this difficult and monstrous illness. A newer dawn in the field of psychology will emerge if doctors and researchers across the world moves towards ground breaking scientific research pursuit.

### **4.0 The Early Years of Mental Health Struggle and the Needs of Psychotherapy Help**

Civilization, science and medical science are today in the middle of scientific revelation and scientific regeneration. The early years of mental health struggle were immense from 1993 to present. Today he is under constant medical help and high dosage of Clozapine. There are today immense needs of psychotherapy help from doctors, parents and relatives. Only thing which goads him forward is the single purpose state of mind. Today he is replete with auditory hallucination and obsessive compulsive disorder. Everything is falling before him like the house of cards. The ethics of the science of Global Sustainable Development Goals and the philosophy of the science of psychiatry and neuroscience will remarkably one day open new doors of innovation and instinct in global research and development initiatives in decades to come [5-7].

### **5.0 Futuristic Vision of Bio-Medical Science, Neuroscience and the Vast and Varied Vision for the Future**

The triumph and futuristic vision of the domains of medical science and neuroscience are the utmost needs of the hour as man, mankind and human planet treads forward. The vast and varied vision for the future needs to be re-organized with the futuristic emancipation of the science of psychiatry. Bi-polar disorder is a serious mental health illness along with schizophrenia. Neuro science has today no answers to the treatment of these illnesses. This article is a deep and insightful message to the millions of people with psychological illnesses. The author deeply reiterates with cogent and lucid insight the needs and necessities of proper neurological healthcare. Surely a newer day in human civilization will evolve if science and vision surpasses one scientific and technological frontier over another [5-8].

## **6.0 CONCLUSION AND FUTURISTIC NEURO-SCIENCE PERSPECTIVES**

The futuristic outlook and futuristic neuroscience perspectives needs to surpass one scientific boundary over another. Today Global and United Nations Sustainable Development Goals are in the middle of a deep crevice of introspection, ability, vision and purpose. There needs to be an immense scientific emancipation in the field of neuroscience and biomedical science. Science of psychology is a huge colossus with a vision and capability of its own. The author deeply reiterates the need of psychological support in the treatment of psychological and neurological disorders. The road ahead in the field of neuroscience is replete with strong and positive vision and forbearance. This article deeply targets the visionary areas of research in neuroscience and biomedical science. Soon civilization and science will witness tremendous scientific revolution if scientists and researchers moves towards positive direction in treatment and cure of mental illnesses.

## REFERENCES

1. Palit, S. (2016). Schizophrenia and vision of my life. *Schizophrenia Bulletin*, 42(4), 867-869.
2. Palit, S. (2023). The scientific vision and wisdom of the science of schizophrenia ailment and the visionary future, *Asian Journal of Applied Sciences*, 16, 33-37, DOI: 10.3923/ajaps.2023.33.37
3. Tian, R. (2022). Three Puzzles Explainable with My Experience. *Schizophrenia Bulletin*, 48(1), 6-7.
4. Palit, S. (2023). The vast world of the science of schizophrenia, the immense trials and tribulations of life and the vast and visionary future, *SAR Journal of Psychiatry and Neuroscience*, 4(4), 18-21.
5. Palit, S. (2023). The vast and varied world of schizophrenia ailment, long years of struggle, ardor and the vision for the future, *SAR Journal of Psychiatry and Neuroscience*, 4(5), 22-24.
6. Palit, S. (2023). Scientific vision, scientific ingenuity, and scientific forbearance in the field of schizophrenia illness and the vast vision for the future, *CPQ Medicine*, 15(1), 1-4.
7. Palit, S. (2023). The science of paranoid schizophrenia, the science of biomedical research and the visionary future, *SAR Journal of Psychiatry and Neuroscience*, 4(6), 25-26.
8. Palit, S. (2024). The vision of schizophrenia ailment, the vision of neurodegenerative ailments and the visionary future of biomedical research, *SAR Journal of Psychiatry and Neuroscience*, 5(1), 7-9.