



BIO QUANTUM ACADEMY™®

Mid-Year Academic Conference Saturday, April 25th, 2026

9:00 AM-5:00 PM EST

BIO QUANTUM ACADEMY™® established a unique and comprehensive educational model dedicated to transforming the medical system toward a holistic healing approach.

From this perspective, the Academy focuses on all dimensions and phenomena of healing from philosophy to science application. In alignment with this mission, we are committed to educating medical doctors and healthcare practitioners through an integrative lens of holistic healing. For this reason, we are pleased to offer our foundational knowledge and comprehensive perspective through the theme “Revisits medicine’s ethical roots in light of modern technological power and reclaiming the moral practice of medicine”.

The Conference topic: “**Philosophy of Healing & Science of Medicine**” is designed to deepen understanding of our transformational educational model and its role in advancing holistic medical practice.

Positions medicine as a practice of practical wisdom (phronesis), not just technical skill

Agenda

Greetings / Opening remarks

9:00-9:15 AM

Prof. Parvin Zarrin

Topic: Revisits Medicine's Ethical Roots & Reclaiming the Moral Practice of Medicine in Modern Technological Power

9:15-10:00 AM

Dr. Prabhu Kumar Raju

10:00-10:30 AM

Topic: A Timeless Quest The human journey for health and relief from suffering is ancient and ongoing

Dr. Hamid Rasool

Topic: The Molecular Basis of Eastern Medical Philosophy with Modern Medicine

10:30-11:00 AM

Dr. Nayamot Ullah

Topic: Homeopathy, Integrative Medicine, Cancer Care, Foot Melanoma, Patient-Centered Healing

11:00-11:25AM

Dr. Ramesh Maniam: An Integrative Approach to Cardiovascular Health from Philosophy of Healing to Clinical Practice

11:30-11:55 AM

Dr. Faisal Girach

Topic: From Vital Force to Systems Biology; Bridging Homeopathy and Modern Science

12:00-12:30 PM

Dr. Maria Grazia Bevilacqua

Topic: Rewiring Healing, Neuroplasticity, Perception, and the Quantum Intelligence of the Human System

12:30-1:00 PM

Dr. Leonard Horowitz

Topic: 528 Frequency Music Therapy for Alzheimer's and Autism

1:00- 1:45 PM

Panel Discussion

Topic: Intersection of Philosophy of Healing & Science of Medicine

2:00- 3:45 PM

Round Table / Q & A

4:00-5:00 PM

Speaker's Abstracts

Prof. Parvin Zarrin: Healing as a Philosophical Phenomenon in Scientific Method. Is Medicine a Moral Science? Revisiting medicine's ethical roots and reclaiming the moral practice of medicine in modern technological power.

Philosophy is the discipline of wisdom and framework of science, and it develops and justifies knowledge through reasoning. While philosophy doesn't rely on experiments, it can engage with scientific findings and interpret them. Academic Philosophy is the systematic, professional, and critical study of fundamental questions concerning knowledge, reality, reason, ethics, and values. It involves rigorous research, publication, and teaching with a focus on constructing, analyzing, and evaluating arguments. Rather than relying primarily on experimentation (as in the natural sciences), philosophy emphasizes conceptual analysis, logical reasoning, and critical reflection. The intersection of philosophy and science is commonly known as Philosophy of Science. This interdisciplinary field examines the foundations, methods, and implications of scientific inquiry. It explores not only what science discovers, but also how scientific knowledge is generated, justified, and why it is considered reliable. In educational contexts, this intersection can be described as Philosophy of Science Education (PSE), an integrative approach that brings together philosophy, science, and education. PSE aims to enhance teaching, learning, and curriculum development by incorporating philosophical inquiry into scientific understanding. It encourages students to think critically about scientific concepts, methods, and assumptions. A higher educational institution is traditionally dedicated to three core functions:

- The creation of knowledge through research.
- The transmission of knowledge through teaching.
- The preservation and critical evaluation of knowledge, including a commitment to truth and intellectual accuracy.

Dr. Leonard Horowitz: 528 Frequency Music Therapy for Alzheimer's and Autism

Peer review for this scientific article was provided by the Bio Quantum Academy™® a premier postgraduate institution dedicated to delivering exceptional education in integrative medicine on both national and international levels. Research established Music Therapy (MT) as a promising practice for persons with Alzheimer's Disease (AD) and the Spectrum of Autistic Disorders (ASD), preventing or ameliorating such neurodevelopmental maladies. This review of science advances 528 Frequency MT specifically for administering supplemental benefits. Bioenergetic impacts of 528 Hertz (Hz) sound have been evidenced increasing immunity by antioxidant activity and protecting nerve cells from chemical damage. Accordingly, MT may be optimized by 528 frequency tuning, enhancing cognitive function, auto-biographical memory, emotional well-being, pro-social interaction, positive behavioral outcomes, and improved health status in AD and ASD patients. Mechanisms of common action amenable to 528-tuned MT include psycho-neuro-endocrine mechanisms involving endorphin release prompting positive affective states like joy, love, affection, and improved brain function. These outcomes are prompted bioenergetically via dynamics central to biophysics and stem cell neurogenesis for restored brain function. This review and analysis encourage further study and clinical trials to optimize the benefits of MT using the 528Hz frequency in novel ways. Numerous studies show certain music can be therapeutic and preventative for Alzheimer's disease and senility. Likewise, MT is widely accepted for helping people on the autistic spectrum. Nostalgic Oldies but Goodies have proven particularly effective in evoking comforting memories and sustaining AD and ASD patients' attention. These MT dynamics involve the vestibular system impacting brain function aligned with ASD individuals' rhythmic comforting behaviors called Stimming Such coping behavior includes listening to the same sounds or songs, performing them using repetitive body movements, and vocals that condition the brain, increase self-control and self-help, and improve sensory-motor neuro-regulation. In addition, enhanced interpersonal communication and rapport building between therapists and those affected can be learned outcomes of MT. Music intertwines with bioenergy and spirituality

Dr. Prabhu Kumar Raju: A Timeless Quest the human journey for health and relief from suffering is ancient and ongoing

This presentation explores the dual nature of this quest, examining how medicine has always been shaped by both practical science and profound philosophical perspectives. We aim to clarify the distinct yet interconnected roles of "healing" and "medicine."

DEFINING OUR TERMS: HEALING VS. MEDICINE IT'S CRUCIAL TO DISTINGUISH BETWEEN THESE CONCEPTS.

Healing often embodies a holistic approach, aiming for the restoration of a person's physical, mental, emotional, and spiritual wholeness. It's frequently about well-being and recovery on multiple levels. Medicine, conversely, refers to the scientific and artistic practices focused on preventing, diagnosing, and treating disease. Its emphasis is on evidence-based intervention and the amelioration of specific pathologies.

Echoes of Antiquity: The Philosophical Roots of Healing From ancient civilizations, philosophical thought profoundly influenced early approaches to health. Concepts like Hippocrates' humoral theory, traditional Chinese medicine's energetic balance, and ancient Egyptian holistic views laid the groundwork for understanding the body and illness in a broader context than mere physical symptoms. Key philosophical paradigms, such as holism (treating the whole person), vitalism (belief in a life force), naturalism (healing through natural processes), and humanism (patient-centered care), have always been central to the concept of healing.

Dr. Faisal Girach: From Vital Force to Systems Biology: Bridging Homeopathy and Modern Science

The evolving field of integrative medicine invites renewed exploration of healing beyond reductionist models. Homeopathy, founded by Samuel Hahnemann, is based on the concept of the Vital Force—a dynamic principle governing health and disease. Though often considered philosophical, this concept parallels modern frameworks such as Systems Biology, which views the organism as a complex, adaptive network. This presentation examines connections between the Vital Force and scientific concepts including Homeostasis, Allostasis, and insights from Psychoneuroimmunology. These approaches emphasize interconnected regulation of mind and body, aligning with homeopathic principles of individualization. By reframing the Vital Force as an expression of systemic regulatory intelligence, this talk proposes a conceptual bridge between traditional philosophy and contemporary science, supporting a more integrative, patient-centered model of care.

Dr. Maria Grazia Bevilacqua: Rewiring Healing: Neuroplasticity, Perception, and the Quantum Intelligence of the Human System

In a time where human health is increasingly impacted by chronic stress, disconnection, and environmental overload, a new paradigm of healing is emerging, one that recognizes the human being as an interconnected system of biology, energy, and consciousness. Rooted in the philosophy of natural medicine and informed by the principles of neuroplasticity, this perspective invites a return to the body's innate intelligence and its capacity for self-organization, adaptation, and regeneration. This presentation explores the convergence of natural healing philosophies, brain plasticity, and quantum awareness, where perception is understood not only as a neurological process, but as an energetic and informational exchange between the individual and their environment. Grounded in lived experience, Maria Grazia Bevilacqua shares her journey following a life-altering stroke and brain aneurysm that resulted in visual impairment. In the absence of sight as a dominant sensory input, her perception recalibrated. Sound became spatial and dimensional. Touch became a source of orientation and information. What was once filtered out by the nervous system became amplified, revealing a deeper layer of sensory intelligence. Through this adaptation, she experienced firsthand the brain's neuroplastic capacity to reorganize, while also recognizing a shift in her energetic awareness. Her ability to "see" evolved beyond visual processing into a form of perceptual coherence, where the integration of sensory input, intuition, and environmental awareness allowed her to navigate the world with full independence.

Dr. Hamid Rasool: The Molecular Basis of Eastern Medical Philosophy with Modern Medicine

Eastern medical systems, specifically Traditional Chinese Medicine and Unani Medicine, are characterized by a holistic approach that views the human body as a complex, self-regulating network. This review synthesizes evidence from over a hundred contemporary studies—including large-scale bibliometric analyses of thousands of publications—to delineate the molecular underpinnings of traditional philosophical concepts. By leveraging Artificial Intelligence and multi-omics platforms, modern research is translating “metaphysical” theories into the quantifiable language of systems biology and network pharmacology. Key words: Eastern medicine, philosophy, multiomics unani medicine, Chinese medicine

Dr. Nayamot Ullah: Homeopathy, Integrative Medicine, Cancer Care, Foot Melanoma, Patient-Centered Healing

Cancer care in developing countries like Bangladesh is often challenged by late diagnosis, financial barriers, and emotional distress. In such contexts, healthcare must go beyond clinical intervention and embrace a deeper philosophy of healing—one that addresses the patient as a whole, not merely the disease. Homeopathy, grounded in individualized and holistic principles, offers a compassionate framework for integrative cancer care. This perspective resonates with the thought-provoking philosophy of Late Dr. Motalib Miah: “Cancer is not a natural disease, but often a consequence of mismedication.” While this statement reflects a philosophical viewpoint, it emphasizes the need to critically examine treatment approaches and prioritize patient-centered care. This study presents a philosophy-driven model of homeopathic cancer care (MPTCare Protocol) alongside a real-life clinical case, aiming to explore its role in improving patient well-being, affordability, and hope in complex cancer conditions.

Philosophical Framework: The MPTCare approach is based on three core principles:

1. Individualization – treating the patient, not just the pathology
2. Minimal intervention – stimulating the body's self-healing capacity
3. Human-centered care – addressing emotional, psychological, and social dimensions of illness

This philosophy emphasizes that healing is not only physical recovery but also the restoration of dignity, hope, and inner balance.

Case Presentation: A 42-year-old female patient

Dr. Ramesh Maniam: An Integrative Approach to Cardiovascular Health from Philosophy of Healing to Clinical Practice

Cardiovascular disease has traditionally been understood through an anatomical lens, with early models emphasizing arterial blockage as the primary driver of disease. While this perspective has contributed significantly to modern cardiology, emerging evidence highlights the role of underlying biological dysfunction in disease development.

The philosophy of healing views the body as a self-regulating system and emphasizes the restoration of physiological balance. In cardiovascular health, this involves understanding the interplay between endothelial dysfunction, inflammation, oxidative stress, and metabolic dysregulation, as well as the influence of epigenetic mechanisms in shaping disease expression.

This presentation explores a clinically applicable integrative framework that connects philosophical principles of healing with contemporary cardiovascular science. By addressing core mechanisms such as mitochondrial function, insulin resistance, vascular inflammation, and epigenetic modulation, clinicians can move beyond symptom-based management toward a more preventive and systems-based approach.

In addition, therapeutic strategies aimed at improving vascular function and circulation are discussed, including non-invasive modalities such as enhanced external counter pulsation (EECP), which has been used to support coronary perfusion and promote vascular adaptation in selected patients. Clinical examples are presented to illustrate how an integrative model can be applied in practice to support cardiovascular health and improve patient outcomes.

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