

Open Letter to the Neuroscience Research Community

From: Dr. Ammar Yaseen Mansour

Dear Esteemed Colleagues and Researchers,

You may find this mode of communication unorthodox. I have previously shared my work on platforms like [YouTube](#), my personal [website](#), and [ResearchGate](#), yet meaningful engagement has been limited. Driven by a firm belief in the potential significance of my findings, I am now addressing you directly.

During the protracted conflict in Syria, I managed numerous complex neurological injuries. This experience exposed me to clinical presentations that challenge current neuroscience paradigms. These observations, combined with long-standing theoretical questions, compelled me to develop alternative explanatory models. Below, I outline several key points of inquiry and invite you to review my detailed articles and videos.

My Core Questions & Proposed Models:

1. The Spinal Reflex Paradox: *How can a cervical spinal cord injury abolish reflexes mediated by distant sacral segments (e.g., S1)? Why do these reflexes later re-emerge with altered properties despite incomplete recovery?*

My Related Work:

- [DOI Spinal Shock: Re-examining the Pathophysiology](#)
-  [DOI Upper Motor Neuron Lesions: Symptomatology Revisited](#)
-  [DOI Clonus: 1st Hypothesis of Pathophysiology](#)
-  [DOI Clonus: 2nd Hypothesis of Pathophysiology](#)

2. Nerve Transmission Mechanics: *Why do murine nerve fibers have higher intracellular osmotic pressure than human ones? Why does conduction velocity*

correlate with axon diameter and myelination? Prevailing theories seem insufficient.

My Related Work:

-  [DOI Nerve Conduction through Neural Fiber: Personal View vs. International View](#)
-  - [Role of Standard Action Potentials & Currents](#)
-  - [The Three Phases of Nerve transmission](#)

3. Synaptic Complexity: *Is synaptic transmission unnecessarily intricate? I propose a simpler and potentially faster mechanism.*

My Related Work:

-  [DOI Synaptic Neural Conduction: A Simplified Hypothesis](#)

4. Revisiting the Nodes of Ranvier: *My transmission model necessitates a re-evaluation of these structures' classic role.*

My Related Work:

-  [DOI Nodes of Ranvier: The Equalizers](#)

5. Wallerian Degeneration Re-examined: *Clinical evidence suggests sensory axons may sometimes evade degeneration post-injury.*

My Related Work:

-  [DOI Wallerian Degeneration: A Sensory-Sparing Hypothesis](#)
-  [DOI Vesicular Dynamics: A Unifying Theory for Wallerian Degeneration and Neural Regeneration](#)

6. Sensory Receptor Persistence: *How do skin receptors maintain a constant percept during sustained stimulation?*

My Related Work:



[DOI Sensory Receptors: A Model Moving Beyond Transient Activation](#)

7. Nerve Conduction Studies (NCS): *I argue that current clinical NCS methodologies may be misinterpreted due to foundational flaws in assumptions.*

My Related Work:



[DOI Electroneurography vs. Neural Reality: Hidden Fallacies in Nerve Conduction Studies](#)

8. Piriformis Injection Technique: *For clinical application, I propose a more streamlined and efficient approach.*

My Related Work:



[DOI Piriformis Muscle Injection: A Simplified Protocol](#)

A Call for Engagement

If these questions resonate with you or challenge your thinking, I am eager for dialogue, critical feedback, and potential collaboration. If you know of colleagues, journals, or institutions receptive to novel hypotheses, I would be grateful for an introduction or for you to forward this letter.

If this is not within your sphere of interest, I apologize for the intrusion and thank you for your time and consideration.

Sincerely,

Dr. Ammar Yaseen Mansour

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In other contexts, you can also read the following articles:

-  [DOI The Spinal Reflex, New Hypothesis of Physiology](#)
-  - [The Hyperreflexia, Innovated Pathophysiology](#)
-  [DOI The Spinal Shock: The Pathophysiology](#)
-  - [The Spinal Injury, the Pathophysiology of the Spinal Shock, the Pathophysiology of the Hyperreflexia](#)
-  [DOI Upper Motor Neuron Lesions: The Pathophysiology of the Symptomatology](#)
-  [DOI Hyperreflexia \(1\): Pathophysiology of Disproportionate Motor Response](#)
-  [DOI Hyperreflexia \(2\): Pathophysiology of Bilateral-Response Hyperreflexia](#)
-  [DOI Hyperreflexia \(3\): Pathophysiology of Extended Hyperreflexia](#)
-  [DOI Hyperreflexia \(4\): Pathophysiology of Multi-Motor-Response Hyperreflexia](#)
- [DOI The pathophysiology of Triple flexion Reflex](#)
-  [DOI The Clonus, 1st Hypothesis of Pathophysiology](#)
-  [DOI The Clonus, 2nd Hypothesis of Pathophysiology](#)
-  [DOI The Clonus, Two Hypotheses of Pathophysiology](#)

-  [DOI The Nerve Transmission through Neural Fiber: Personal View vs. International View](#)

-  - [*The Nerve Transmission through Neural Fiber \(1\), The Action Pressure Waves*](#)
-  - [*The Nerve Transmission through Neural Fiber \(2\), The Action Potentials*](#)
-  - [*The Nerve Transmission through Neural Fiber \(3\), The Action Electrical Currents*](#)
-  - [*The Function of Standard Action Potentials & Currents*](#)
-  - [*The Three Phases of Nerve transmission*](#)

 [DOI *Neural Conduction in the Synapse \(Innovated\)*](#)

-  [DOI *Nodes of Ranvier, the Equalizers*](#)
-  - [*Nodes of Ranvier, the Functions*](#)
-  - [*Nodes of Ranvier, First Function*](#)
-  - [*Nodes of Ranvier, Second Function*](#)
-  - [*Nodes of Ranvier, Third Function*](#)
-  - [*Node of Ranvier, The Anatomy*](#)

 [DOI *Vesicular Dynamics: A Unifying Theory for Wallerian Degeneration and Neural Regeneration*](#)

-  - [*The Wallerian Degeneration*](#)
-  - [*The Neural Regeneration*](#)

 [DOI *Wallerian Degeneration: Affects Motor Axons while Sparing Sensory Axons*](#)



DOI *The Sensory Receptors*



DOI *Electroneurography vs. Neural Reality: Hidden Fallacies in Nerve Conduction Studies*



DOI *Piriformis Muscle Injection: Personal Approach*



DOI *In Philosophy of Nerves: Pain First!*



DOI *In Neurodoctrines: Form is Necessity!*



DOI *Pronator Teres Syndrome, Struthers-Like Ligament*



DOI *Ulnar Nerve, Congenital Bilateral Dislocation*



- *Posterior Interosseous Nerve Syndrome*



DOI *The Multiple Sclerosis: The Causative Relationship Between The Galvanic Current & Multiple Sclerosis?*



DOI *Traumatic Injuries of the Cauda Equina: A Novel Surgical Approach*



DOI *Carpal Tunnel Syndrome Ends Its Adherence: Complete Median Nerve Transection*



DOI *Biceps Femoris' Long Head Syndrome (BFLHS)*



DOI *Barr Body, The Whole Story (Innovated)*



- *Adam's Rib and Adam's Apple, Two Faces of one Sin*



- *Adam's Rib, could be the Original Sin?*



- *Barr Body, the Second Look*



DOI *Who Decides the Sex of Coming Baby?*



- *Boy or Girl, Mother Decides!*



- *Oocytogenesis*



- *Spermatogenesis*



- *This Woman Can Only Give Birth to Female Children*



- *This Woman Can Only Give Birth to Male Children*



- *This Woman Can Give Birth to Female Children More Than to Male Children*



- *This Woman Can Give Birth to Male Children More Than to Female Children*



- *This Woman Can Equally Give Birth to Male Children & to Female Children*



- *Eve Saved Human Identity; Adam Ensured Human Adaptation*



DOI *COVID-19: Beyond the Crisis – Is It Targeting Our Genes?*

DOI *Fibromyalgia*



- *Mitosis in Animal Cell*



- *Meiosis*



DOI *The Creation of the Heavens and the Earth: The Connected Nebular Universe Hypothesis*

-  [DOI *The Sweeping Celestial Bodies \(Al-Jawāri Al-Kunnas\)*](#)
-  [DOI *The Black Hole and the Falling Star Hypothesis*](#)
- [DOI *Light is a Wave and the Path is Material: A New Vision of the Nature of Light and its Propagation*](#)
-  - [DOI *Pneumatic Petrous, Bilateral Temporal Hyperpneumatization*](#)
-  [DOI *Congenital Bilateral Thenar Hypoplasia*](#)
-  [DOI *Ulnar Dimelia, Mirror hand Deformity*](#)
-  [DOI *Brachymetacarpia: Bilateral and Symmetrical Shortening of the Three Ulnar Digits*](#)
-  [DOI *Thumb Reconstruction Using Microvascular Second Toe to Thumb Transfer*](#)
-  [DOI *Surgical Restoration of a Smile by Grafting a Segment of the Gracilis Muscle to the Face*](#)
-  [DOI *Mandible Reconstruction Using Free Fibula Flap*](#)
- [DOI *Free Fibula Flap for Bone Lost Complicated with Recalcitrant Osteomyelitis*](#)
-  [DOI *Presacral Schwannoma*](#)
-  [DOI *Liver Hemangioma: Urgent Surgery of Giant Liver Hemangioma Due to Intra-Tumor Bleeding*](#)
-  [DOI *Free Para Scapular Flap \(FPSF\) for Skin Reconstruction*](#)
-  [DOI *Claw Hand Deformity \(Brand Operation\)*](#)
-  [DOI *Algodystrophy Syndrome Complicated by Constricting Ring at the Proximal Border of the Edema*](#)

-  [DOI *Non- Traumatic Non- Embolic Acute Thrombosis of Radial Artery \(Buerger's Disease\)*](#)
-  [DOI *Isolated Axillary Tuberculosis Lymphadenitis*](#)
-  [DOI *The Iliopsoas Tendonitis... The Snapping Hip*](#)
- [DOI *Bilateral, Focal Autoimmune Thalamitis*](#)
- [DOI *Peri- Menopausal Breast Lesions: Towards a More Decisive Approach*](#)

[To read the original Arabic version of the article, click on:](#) → 

-  [DOI *The New Frankenstein Monster*](#)
-  [DOI *The Lone Wolf*](#)
-  [DOI *The Delirium of Night and Day*](#)
-  [DOI *The Delirium of the Economy*](#)
-  [DOI *Ovaries in a Secure Corner... Testicles in a Humble Sac: An Inquiry into the Function of Form*](#)
-  [DOI *Eve Preserves Humanity's Blueprint; Adam Drives Its Evolution*](#)
-  [DOI *The Manufacture of the Unconscious*](#)
-  [DOI *The Ballad of Eternity*](#)
-  [DOI *Two Truths Woman Would Never Accept*](#)
-  [DOI *The 'Iddah \(Waiting Period\) in Islamic Law: A Comparative Analysis of its Rationale for Divorced Women and Widows*](#)
-  [DOI *The IVF/ICSI-Conceived Child: A Biologically Suboptimal Outcome*](#)

-  [DOI *Nature's Relentless Couriers*](#)
-  [DOI *The Triad of Intelligence... A Traveler's Provisions!*](#)
-  [DOI *Zero-Value Equations: Modernity's Hidden Costs and False Promises*](#)
-  [DOI *The Dialectic of Meaning and Meaninglessness*](#)
-  [DOI *Societal Schizophrenia: The Delirium of Our Time*](#)
-  [DOI *The Rational Mind and the Abstract Mind*](#)
-  [DOI *The Electric Lamp: Between Abstraction and Application - A Journey of a Thousand Years!*](#)
-  [DOI *Thus spoke Abraham, the Friend: The Eternal... and the Ephemeral*](#)
-  [DOI *The Crisis of an Intellectual Who Lost His Identity Under Piles of the Read and the Heard*](#)
-  [DOI *Polygamy and Right-Hand Possession*](#)
-  [DOI *Quranic Revelations*](#)
-  [DOI *And the Profession... is a Martyr!*](#)
-  [DOI *After Death and Before the Final Drive: Either Metamorphosis or Liberation!*](#)
-  [DOI *The Junction of the Two Seas: An Isthmus Between Two Lives... The Story of Moses Who Lost His Fish*](#)
-  [DOI *Absurd Wars: The Dualities of Existential Anxiety... Eternal Torment or a Sustained Test?*](#)
-  [DOI *The Myth, The Aged Truth: Samson the Tale, and Sisyphus the Human*](#)
-  [DOI *The Black Hole and The Falling Star Hypothesis*](#)
-  [DOI *Adam's Apple and Adam's Rib: Two Facets of the Human Form*](#)

-  [DOI *Eve \(Hawwā\): The Containing Woman.. A Philosophical Study of Name, Nature, and the Feminine Psyche*](#)
-  [DOI *The Spirit and The Psyche: The First is a Gift from the Creator, The Second is a Craft of the Created*](#)
-  [DOI *Noah's Ark: A Reprieve from Annihilation, Not from the Ordeal*](#)
-  [DOI *The Final Deluge: A Great Flood... and No Ark*](#)
-  [DOI *Unveiling the Veiled: It begins with the Name... and ends with Identity.*](#)
-  [DOI *Human Society: A Gathering of Necessity or a Gathering of Innate Nature?*](#)
-  [DOI *The Eternal Dialectic: Thought and Power in the Rise and Fall of Civilizations*](#)
-  [DOI *She Almost Bore Her Brother: How Genetics Vindicates an Ancient Arabic Saying*](#)
-  [DOI *The Imam Said: On Solitude and the Cure for a Troubled Time*](#)
-  [DOI *Vitamin D: Youth For Ever*](#)
-  [DOI *The Creation of Adam and the Creation of Eve: And from His Rib, Eve Was*](#)
-  [DOI *Adam's Apple and Adam's Rib: Two Facets of a Single Sin*](#)
-  [DOI *The Barr Body Reconsidered: A Novel Hypothesis for the Evolutionary Origin of Human Sex Chromosomes*](#)

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