

mRNA ‘Vaccines’ Have Destroyed Immune Systems of Millions. Renowned Toxicologist

By [Frank Bergman](#)

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Theme: [Science and Medicine](#)



A world-renowned toxicologist has warned that millions of people who received Covid mRNA “vaccines” have been impacted by a devastating injury, including himself.

The chilling warning was issued by the associate professor of pharmacology and toxicology at the [University of Western Australia](#), **Dr. Phil Burcham**.

In a blistering critique published in the May 2025 edition of the journal *Quadrant*, Burcham raises urgent questions about the chemical design and safety testing of Covid mRNA “vaccines.”

Drawing upon firsthand injury experience, insider pharmaceutical literature, and decades of toxicological science, Burcham alleges that the deployment of mRNA-LNP technologies ignored well-known formulation risks.

The Covid mRNA injections also exposed patients to unvalidated toxic excipients and sidestepped rigorous preclinical evaluation, he argues.

Burcham’s [article](#), titled “An Injured Toxicologist Reflects on COVID mRNA Vaccines (Part II),” interrogates the molecular architecture of mRNA-lipid nanoparticle (LNP) platforms.

He contends that serious and rapid-onset toxicities experienced by thousands of Australians stem not solely from immune responses to spike protein but from the synthetic materials used to construct LNP delivery systems.

The top professor notes that his own debilitating trigeminal nerve injury was caused by a Covid mRNA “vaccine.”

These synthetic materials used to construct LNP delivery systems include:

- Ionizable lipids (e.g., SM-102, ALC-0315)
- PEGylated lipids
- Unnatural modified nucleotides (e.g., pseudouridine)

Burcham’s central thesis is that mRNA vaccines were built upon unstable, “pharmacologically obese” molecules with seven well-known liabilities.

He explains that chemists tried to patch these liabilities using risky excipients rather than structural redesign.

While not an empirical study in itself, the essay draws heavily on:

- Burcham’s personal toxicological training and vaccine injury
- Published toxicology and pharmacology literature (e.g., Liu, Vaccines, 2019)
- A 2021 exposé by Ryan Cross in *Chemical & Engineering News*
- Unpublished biodistribution concerns from Pfizer’s own regulatory filings

This makes the piece a hybrid: expert commentary, post-market pharmacovigilance hypothesis, and forensic review of neglected preclinical science.

In his searing analysis, Burcham exposes deep flaws in the pharmacological vetting of LNP components used in Covid mRNA “vaccines.”

Neither Pfizer’s nor Moderna’s mRNA lipids were supported by robust toxicological data before their mass public rollout.

Despite their pivotal role in delivering mRNA payloads, these ionizable lipids lacked transparent preclinical safety disclosures.

According to science journalist Ryan Cross’s 2021 reporting, insiders acknowledged that most LNP candidates failed in animal models after promising in vitro performance.

However, this data has never reached the public domain.

Both vaccine makers declined interviews on their lipid selection processes, adding opacity to already-opaque safety assumptions.

Burcham's case for acute chemical toxicity is rooted in disturbing patterns of rapid-onset neurological symptoms.

These symptoms include his own experience of immediate trigeminal nerve pain post-injection.

He argues that the onset of his symptoms is far too fast to be immune-mediated.

The implication: LNPs may provoke pharmacological injury distinct from the widely discussed spike-protein-driven mechanisms.

Supporting this, Burcham references a general practitioner who reportedly summoned more ambulances for mRNA vaccine reactions in a single year than in a decade of standard vaccinations.

He suggests that such cases are not isolated flukes but indicative of a broader signal.

Beyond acute reactions, Burcham contends that the very architecture of mRNA-LNP vaccines defied long-established medicinal chemistry norms.

He critiques the decision to compensate for mRNA's size, charge, and immunogenicity with exotic formulations.

These formulations rely on PEGylated lipids and synthetic nucleotides that introduce independent toxicity risks.

PEG allergies are known to cause hypersensitivity, and modified bases like pseudouridine, while improving mRNA stability, have toxicological parallels with older antiviral drugs linked to liver steatosis, pancreatitis, and muscle damage.

LNP developers failed to provide radiolabeled (hot) biodistribution studies or worst-case toxicology in large animals, bypassing safeguards that once would have precluded such products from mass use in healthy populations.

Burcham concludes that systemic biodistribution of LNPs—now well documented—violates foundational safety criteria and would have disqualified these products under pre-pandemic regulatory norms.

Burcham's critique exposes a troubling pattern of regulatory shortcuts and opaque corporate practices:

- No published safety studies on ionizable lipid clearance, organ accumulation, or metabolic byproducts.
- No transparent peer-reviewed justification for choosing SM-102 or ALC-0315 over safer alternatives.
- No systematic screening of LNP components for long-term safety in populations with known allergic, neurological, or mitochondrial susceptibility.

Even more concerning is Burcham's assertion that companies and regulators failed to anticipate a worst-case "internal dose \approx 100%" scenario.

This scenario is where all injected material enters the bloodstream, potentially targeting sensitive tissues like the heart and brain.

Phil Burcham's Quadrant essay is a rare example of toxicological introspection from within the biomedical establishment.

It raises hard questions about the safety-by-design of mRNA vaccines, the opacity of lipid nanoparticle development, and the failure to heed long-established medicinal chemistry wisdom.

If Burcham's account is correct, then millions of people, especially those reporting rapid-onset or persistent neurological symptoms, may have been injured not solely by the spike protein but by the very materials used to deliver it.

The implications for regulatory reform, vaccine injury compensation, and pharmaceutical transparency are profound.

However, these concerns remain underexplored by global regulatory agencies.

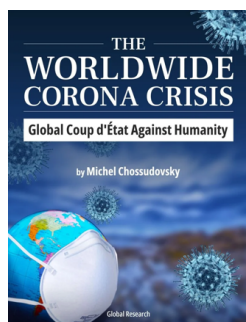
Until they are directly addressed in open-access, peer-reviewed research, the public will be left wondering whether safety was sacrificed in the rush to deploy novel mRNA technologies.

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[And the Winner Is... COVID Vaccines! Nobel Prize for Medicine Goes to US Scientist and Hungarian Peer Who Helped Create Game-changing mRNA Jabs](#)

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The Worldwide Corona Crisis, Global Coup d'Etat Against Humanity

by Michel Chossudovsky

Michel Chossudovsky reviews in detail how this insidious project “destroys people’s lives”. He provides a comprehensive analysis of everything you need to know about the “pandemic” — from the medical dimensions to the economic and social repercussions, political underpinnings, and mental and psychological impacts.

“My objective as an author is to inform people worldwide and refute the official narrative which has been used as a justification to destabilize the economic and social fabric of entire countries, followed by the imposition of the “deadly” COVID-19 “vaccine”. This crisis affects humanity in its entirety: almost 8 billion people. We stand in solidarity with our fellow human beings and our children worldwide. Truth is a powerful instrument.”

Reviews

This is an in-depth resource of great interest if it is the wider perspective you are motivated to understand a little better, the author is very knowledgeable about geopolitics and this comes out in the way Covid is contextualized. —Dr. Mike Yeadon

In this war against humanity in which we find ourselves, in this singular, irregular and massive assault against liberty and the goodness of people, Chossudovsky's book is a rock upon which to sustain our fight. —Dr. Emanuel Garcia

In fifteen concise science-based chapters, Michel traces the false covid pandemic, explaining how a PCR test, producing up to 97% proven false positives, combined with a relentless 24/7 fear campaign, was able to create a worldwide panic-laden “plandemic”; that this plandemic would never have been possible without the infamous DNA-modifying Polymerase Chain Reaction test – which to this day is being pushed on a majority of innocent people who have no clue. His conclusions are evidenced by renown scientists. —Peter Koenig

Professor Chossudovsky exposes the truth that “there is no causal relationship between the virus and economic variables.” In other words, it was not COVID-19 but, rather, the deliberate implementation of the illogical, scientifically baseless lockdowns that caused the shutdown of the global economy. —David Skripac

A reading of Chossudovsky's book provides a comprehensive lesson in how there is a global coup d'état under way called “The Great Reset” that if not resisted and defeated by freedom loving people everywhere will result in a dystopian future not yet imagined. Pass on this free gift from Professor Chossudovsky before it's too late. You will not find so much valuable information and analysis in one place. —Edward Curtin

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