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Personalized immunity: Lose the bias, secure the public trust

As translational research goes, vaccine safety science has a deplorable record that now places the artificial immunization enterprise at real risk. Examples of research practices that border on fraud and certainly fit an agenda of risk perception minimization are well-known to the public and this knowledge translates into vaccine hesitancy and refusal. Pushes for mandates without exemptions alienate the public to both medicine and science. Truly objective vaccine risk management via personalized immunity and respect for informed consent and choice will help practitioners build better relationships with their patients. A re-assessment of strategies for artificial immunization is needed. To that end, seven tracts, founded on thousands of research studies, are outlined that will help bring artificial immunization into the 21st Century: (1) reformulation, (2) risk indicators and biomarkers, (3) scheduling, (4) respect for laws and regulations governing informed consent, (5) regulating conflicts of interest, (6) regulatory reform and (7) enforcement of adverse event reporting are all areas ripe for improvement. An era of cottage-industry innovation in artificial immunization competing on the platform of safety is needed to foster competition.

Biography

James Lyons-Weiler is the CEO of the Institute for Pure and Applied Knowledge. He has published over 50 peer-reviewed studies in well-respected journals, has played a key role in over 100 basic, clinical and translational research studies and has written three books on biomedicine and biomedical research. He is expert in translational research, genomics, genetics, proteomics, biomarkers, systems biology and conducts research on cellular and molecular responses to traumatic brain injury and the neuroimmunological responses to environmental toxins. Scientists at IPAk focus on reducing human pain and suffering through knowledge.

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