

3rd International Conference on

Mental Health and Human Resilience

June 21-23, 2017 London, UK



Thomas P Dooley

Trends in Pharma Development, USA

PanX® drugs as PRN alternatives to addictive benzodiazepines for anxiety disorders

Fast-acting and safer prn drug treatments for anxiety disorders are a significant unmet need in mental health. The recently developed PanX® drugs were designed to address this unmet need. PanX® drugs are a patented “new class” of medicines (www.PanX.us). The currently available PRN medicines for anxiety disorders are benzodiazepines. However, benzodiazepines are addictive and have the potential for abuse. As new alternatives to benzodiazepines, PanX® dual drug combinations consist of a beta blocker and an antiemetic antimuscarinic agent. The beta blocker (e.g., Atenolol or Propranolol) antagonizes epinephrine to reduce the cardiovascular symptoms of anxiety disorders, such as tachycardia and palpitations. The antiemetic motion sickness component (e.g., Scopolamine) antagonizes acetylcholine to reduce the non-cardiovascular and central nervous system symptoms, such as anxiousness, fear, avoidance, nausea and vomiting. By antagonizing the sympathetic and parasympathetic autonomic nervous systems simultaneously, PanX® drug combinations are intended to suppress the multiplicity of symptoms of acute anxiety episodes. Furthermore, the active ingredients have been shown to be safe and non-addicting over the past half century. In the United States multiple regulatory pathways are envisioned for the anxiolytic products. Given that the active ingredients are already approved in other drugs, compounded pharmaceuticals have been prescribed and have provided anecdotal evidence of a calming effect in humans. We are also pursuing clinical development toward a US FDA approval. The products can be formulated for rapid effect by mucosal delivery (e.g., sublingual), among other routes of administration. PanX® drugs are promising breakthrough medications intended as fast-acting and safer alternatives to benzodiazepines for the treatment of acute anxiety episodes.

Biography

Thomas P Dooley is the author of *Praying Faith, Hope When Everything Seems Hopeless* and *Half-Truths are Lies*. He is the Founder and President of Path Clearer Inc., and has been a Co-Founder and/or Board Member of various Judeo-Christian Ministries and other nonprofit organizations. He is a frequent guest contributor to television, radio and print media. He is an Entrepreneurial Biomedical Research Scientist and has served in various leadership roles in the pharmaceutical and biotechnology industry and in academia. He was the Founder and CEO of IntegriDerm Inc. and ALtruis LLC, and the recipient of an Endowed Chair Position at Southern Research Institute.

tom@tomdooley.org