Accepted Manuscript

Review

How Often Should We Expect to be Wrong? Statistical Power, P Values, and the Expected Prevalence of False Discoveries

Michael J. Marino

PII: S0006-2952(17)30723-2

DOI: https://doi.org/10.1016/j.bcp.2017.12.011

Reference: BCP 12979

To appear in: Biochemical Pharmacology

Received Date: 30 October 2017 Accepted Date: 12 December 2017



Please cite this article as: M.J. Marino, How Often Should We Expect to be Wrong? Statistical Power, P Values, and the Expected Prevalence of False Discoveries, *Biochemical Pharmacology* (2017), doi: https://doi.org/10.1016/j.bcp.2017.12.011

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Biochemical Pharmacology Special Issue

Challenging the Status Quo in Biomedical Research:

A Tribute to Michael Williams PhD, DSc

How Often Should We Expect to be Wrong? Statistical Power, P Values, and the

Expected Prevalence of False Discoveries

Michael J. Marino

Michael J. Marino, PhD.

Neuroscience, Pain and Symptomatics

Merck & Co., Inc.

770 Sumneytown Pike

West Point, PA 19486

Email: michael marino@merck.com

Phone: 215-652-0852

Download English Version:

https://daneshyari.com/en/article/8524091

Download Persian Version:

https://daneshyari.com/article/8524091

Daneshyari.com