

Psychedelics

Table of Contents

Volume 1 • Number 1 • January 2025

EDITORIAL

Psychedelics: The Journal of Psychedelic and Psychoactive Drug Research – Charting a new course in psychedelic science

Julio Licinio 1

INNOVATORS & IDEAS: RISING STARS

Nicolas Garel: Combining psychoactive molecules and psychotherapy for patients suffering from mood and substance use disorders: a new therapeutic paradigm

Nicolas Garel 3

Stephanie Knatz Peck: Novel and innovative treatment for eating disorders

Stephanie Knatz Peck 6

INNOVATORS & IDEAS: RESEARCH LEADER

Bernard Lerer: Pre-clinical, translational and clinical research focused on the use of psychedelic drugs and their derivatives to treat psychiatric disorders

Bernard Lerer 10

COMMENTARY

Peripheral signals, central questions: Examining the relationship between psychedelics and brain-derived neurotrophic factor (BDNF)

Vivek Seelamneni 13

EMERGING TOPIC

Psychedelic treatment for anorexia nervosa: A first-hand view of how psilocybin treatment did and did not help

Stephanie Knatz Peck, Hannah Fisher ... Walter H. Kaye 15

BENCH TO BEDSIDE

Exploring the therapeutic potential of psychedelics: Fear extinction mechanisms and amygdala modulation

Thomas J. Kelly and Qing-song Liu 19

RESEARCH REPORTS

Single-dose psilocybin alters resting state functional networks in patients with body dysmorphic disorder

Xi Zhu, Chen Zhang ... Franklin Schaefer 25

Reading the crowd: attitudes toward psychedelics and psychedelic therapies among attendees at a conference

Zachary Bosshardt, Jessica L. Maples-Keller ... Roman Palitsky 32

Cover Art

The cover image illustrates the potential of psychedelic therapy to transform perception in patients with anorexia nervosa. In this artistic representation, vibrant colors and patterns emanate from the silhouette of a person's profile, symbolizing the expanded consciousness and altered self-perception reported by participants in the first clinical trial of psilocybin treatment for anorexia. While physical appearance remained unchanged for most participants, many described profound internal shifts—experiencing their bodies as “vessels” rather than defining features of identity. This visual metaphor captures the essence of what one participant described: “Things might not look that different from the outside, but they feel completely different from the inside.” For further information on this topic please see the paper by Knatz Peck et al on pages 15–18.

Cover design created through extensive and iterative human-AI collaboration using Claude and Grok AI assistants. The final cover is licensed under Creative Commons Attribution-NonCommercial-NoDerivatives 4.0 International License (CC BY-NC-ND 4.0). This cover may be reproduced without permission under the terms of this license, provided appropriate credit is given to Genomic Press, and the content is not modified or used for commercial purposes.

Copyright © 2025 Genomic Press. All rights reserved.

This issue is now available at <https://genomicpress.kglmeridian.com/view/journals/psychedelics/psychedelics-overview.xml>