

Exploring the relationships of gamma-hydroxybutyrate and sleep on metabolism, physiology, and behavior in humans Pardi, D.J.

#### Citation

Pardi, D. J. (2019, January 24). Exploring the relationships of gamma-hydroxybutyrate and sleep on metabolism, physiology, and behavior in humans. Retrieved from https://hdl.handle.net/1887/68643

Version: Not Applicable (or Unknown)

License: License agreement concerning inclusion of doctoral thesis in the

Institutional Repository of the University of Leiden

Downloaded from: <a href="https://hdl.handle.net/1887/68643">https://hdl.handle.net/1887/68643</a>

**Note:** To cite this publication please use the final published version (if applicable).

## Cover Page



# Universiteit Leiden



The handle <a href="http://hdl.handle.net/1887/68643">http://hdl.handle.net/1887/68643</a> holds various files of this Leiden University dissertation.

Author: Pardi, D.J.

Title: Exploring the relationships of gamma-hydroxybutyrate and sleep on metabolism,

physiology, and behavior in humans

Issue Date: 2019-01-24

## **Appendices**

Acknowledgements

Curriculum Vitae

## **Acknowledgements**

Science betters our world and I am honored to have the opportunity to be a scientist. As such, I have had many collaborators at Jazz Pharmaceuticals, Stanford University, Leiden University Medical Center and beyond who have contributed their expertise on large, human-oriented research projects of which I've been a part. I deeply appreciate all the connections I've made along the way, including the individuals who allow themselves to be studied so that we can advance knowledge. I am forever grateful to a select few who have provided extraordinary support along the way including Marie Pardi, John Pardi, Samara Pardi, David Levine, Jed Black, Hanno Pijl, and especially Jamie Zeitzer and Gert Jan Lammers.

## **Curriculum Vitae**

#### NAME

Daniel Pardi, MS

#### EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE	YEAR(s)	FIELD OF STUDY
University of San Francisco (USF). USA	BS	1997	Exercise Physiology
Florida State University (FSU). USA	MS	2000	Exercise Physiology

#### **Positions and Honors**

#### **Positions and Employment**

2010- present	CEO, humanOS.me – A disease-prevention tool for the public based on novel tools related to education, skill development, and self-tracking health behaviors.
2011-2019	Leiden University Medical Center. PhD Program.
2006-2009	The Investigator Initiated-Sponsored Research Associations (www.IISRA.org) – Chairman of the Board of Directors and Founder
2008-2009	Jazz Pharmaceuticals. Senior Manager, Medical and Scientific Affairs
2007-2008	Jazz Pharmaceuticals. Manager, Medical and Scientific Affairs
2004-2005	Orphan Medical. Medical Science Liaison
2002–2004	Orphan Medical. Senior Specialty Sales Consultant
2000-2002	DoubleTwist. Bioinformatics / Genomics Project Manager
Jan–Nov 2000	Preventative Medicine Research Institute. Research Assistant, Prostate Cancer Research Team
May–Aug 1999	Florida State University, School of Medicine. Gross Anatomy Assistant Instructor

<u>Honors</u>	
1998	FSU Medical Gross Anatomy Student Elect: Nominated by Physiology department faculty (1 per year) to join medical students. Accepted by program and finished top 4 in class.
1997	USF Student Leadership Award
1997	USF Department Honor Award (outstanding academic achievement - 1 of 5)
1997	USF Student Counsel Department Nominee (Faculty elected - 1 of 2)
1997	Who's Who in American Colleges and Universities (1 of 27 at USF)
1996	USF Student Wellness Program founder

#### Selected peer-reviewed publications (in chronological order).

Pardi D, Buman M, Black J, Lammers GJ, Zeitzer J. Eating Decisions Based on Alertness Levels after a Single Night of Sleep Manipulation: A Randomized Clinical Trial. **SLEEP** – Accepted, 2016.

Freese, Jens, et al. "Back to the Future. Metabolic Effects of a 4-Day Outdoor Trip Under Simulated Paleolithic Conditions—New Insights from The Eifel Study." **Journal of Evolution and Health** 1.1 (2016): 16.

Donjacour, C. E., Pardi, D., Aziz, N. A., Frölich, M., Roelfsema, F., Overeem, S., ... & Lammers, G. J. (2013). Plasma total ghrelin and leptin levels in human narcolepsy and matched healthy controls: basal concentrations and response to sodium oxybate. **Journal of Clinical Sleep Medicine**: *JCSM*, *9*(8), 797. 2013.

Black J, Pardi D, Hornfeldt CS, Inhaber N. The nightly administration of sodium oxybate results in significant reduction in the nocturnal sleep disruption of patients with narcolepsy. **Journal of Clinical Sleep Medicine**, Vol. 6, No. 6, 2010.

Carter LP, Pardi D, Gorsline J, Griffiths RR. Illicit gamma-hydroxybutyrate (GHB) and pharmaceutical sodium oxybate (Xyrem): differences in characteristics and misuse. **Drug Alcohol Depend**. 2009;104(1-2):1-10.

Black J, Pardi D, Hornfeldt CS, Inhaber N. The nightly administration of sodium oxybate results in significant reduction in the nocturnal sleep disruption of patients with narcolepsy. **Sleep Med**. 2009.

Ondo WG, Perkins T, Swick T, Hull KL, Jr., Jimenez JE, Garris TS, Pardi, D. Sodium oxybate for excessive daytime sleepiness in Parkinson disease: an open-label polysomnographic study. **Archives of Neurology**. 2008 Oct;65(10):1337-40.

Pardi D., Black J. Sodium Oxybate: Neurobiology and Clinical Efficacy. **Future Medicine**, 2006:721-35.

Pardi D., Black J. Gamma-Hydroxybutyrate / Sodium Oxybate: Neurobiology, and Impact on Sleep and Wakefulness. **CNS Drugs**, 2006;20(12):993-1018.

#### **Book Chapters**

Xie X, Pardi D, Black J. Molecular and Cellular Actions of g-Hydroxybutyric Acid (GHB): Possible Mechanisms Underlying the Efficacy of GHB in Narcolepsy. In: Bassetti CL, Billiard M, Mignot E, eds. **Narcolepsy and Hypersomnia**: Informa Healthcare 2007:573-610.

#### **Conference Posters and Presentations**

Donjacour, C., Pardi, D., Aziz, A., Overeem, S., Pijl, H., & Lammers, G. (2010, January). Normal 24 Hour Ghrelin Levels in Human Narcolepsy and in Response to Sodium Oxybate. In **SLEEP** (Vol. 33, pp. A269-A269).

Pardi, D., Patel, CB., Lammers, GJ. The Prevalence and Inter-Country Differences of Body Mass Index Classification in Narcolepsy with Cataplexy Patients in Five European Countries. **European Sleep Research Society**. Paris, 2010.

Pardi, D., Patel, CB., Lammers, GJ. Associations Between Body Mass Index and Sleep Parameters in Narcolepsy with Cataplexy Patients from the European Narcolepsy Network Database. **European Sleep Research Society**. Paris, 2010.

Black, J., Pardi, D., Hornfeldt, C. S., & Inhaber, N. (2010). The nightly use of sodium oxybate is associated with a reduction in nocturnal sleep disruption: a double-blind, placebo-controlled study in patients with narcolepsy. **J Clin Sleep Med**, *6*(6), 596-602.

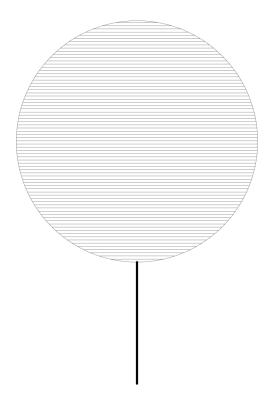
Carter, L and Pardi, D. Similarities and Differences Between Illicit GHB and Sodium Oxybate. **College on Problems of Drug Dependence**. Washington, DC. October 28-29<sup>th</sup>, 2008.

Ristanovic RK, Liang H, Hornfeldt CS, Lai C. Exacerbation of cataplexy following gradual withdrawal of antidepressants: Manifestation of probable protracted rebound cataplexy. **Sleep Med**. 2008 Aug 25. (Cited in acknowledgements)

Ondo WG, Perkins T, Swick T, Hull K, Jimenez E, Pardi D. Nocturnal Sodium Oxybate for Daytime Sedation and Fatigue in Parkinson's Disease: A Polysomnographic Study. **Associated Professional Sleep Societies** (Sleep), Minneapolis, Minnesota 2007.

Ondo WG, Perkins T, Swick T, Hull K, Jimenez E, Pardi D. Nocturnal Sodium Oxybate for Daytime Sedation and Fatigue in Parkinson's Disease: A Polysomnographic Study. **World Congress of Movement Disorders**. Kyoto, Japan 2006.

Black J, Perera P, Pardi D, Liang H. Sodium Oxybate-Induced Changes in Nocturnal Slow-Wave Sleep and Delta Power Correlate with Improvements in Measures of Daytime Alertness and Sleep Continuity in Patients with Narcolepsy. **European Sleep Research Society**. Innsbruck 2006.



End