



The University of Texas at Austin Dell Medical School

Department of Psychiatry and Behavioral Sciences Grand Rounds:

Risk Factors for Addiction

Presented by

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Courtesy Associate Professor, Department of Psychiatry & Behavioral Sciences

The University of Texas Dell Medical School

Tuesday, January 19, 2021

12:00 p.m. – 1:00 p.m.

Via Zoom

By the end of this presentation, the audience participant should be able to:

1. Differentiate between motives for drug taking.
2. List environmental and biological factors that increase addiction.
3. Describe the effects of stress and punishment on the dopamine reward system and its consequences on behavior.

Target Audience

Primary: Psychiatrists, Social Workers, Psychologists, Nurses and other Mental Health Professionals

Secondary: Other Healthcare Professionals

This activity has been designed to promote some of the following desired physician attributes and competencies

ACGME: Patient Care; Medical Knowledge; Practice-Based Learning and Improvement; Interpersonal and Communication Skills; Professionalism; Systems-Based Practice.

IOM: Provide patient-centered; Work in interdisciplinary teams; Employ evidenced-based practice; Apply quality improvement; Utilize informatics

IECC: Interprofessional Teamwork & Team-based Practice; Interprofessional Communication; Values & Ethics for Interprofessional Practice

For more information, please contact Renee' Collins, 512-495-5617

Speaker's Disclosure: Dr. Michaela Marinelli does not have relevant financial relationships or financial conflicts of interest to disclose relating to the educational content of this presentation.

Planner's Disclosure: The Department of Psychiatry and Behavioral Sciences Grand Rounds planning committee members are Robert E Feinstein, MD; Charles Nemeroff MD; Roshni Koli, MD; Jorge Almeida, MD; Jeff Newport, MD; Steve Strakowski, MD; Lowell McRoberts, MD; Cathy Stacey, PhD; Kathryn Flowers, and Renee' Collins BA. ***Jeff Newport, MD reported the following relevant financial relationships: Grants/Research support-- Eli Lilly, Glaxo SmithKline (GSK), Janssen, National Alliance for Research on Schizophrenia and Depression (NARSAD), National Institutes of Health (NIH), Sage Therapeutics, Takeda Pharmaceuticals, Texas Health & Human Services Commission, Wyeth. Honorarium -- Astra-Zeneca, Eli Lilly, GSK, Pfizer, Wyeth. Speaker's Bureau-- Astra-Zeneca, Eli Lilly, GSK, Pfizer, Wyeth. Other (Please describe) -- Advisory Boards: GSK, Janssen, Sage Therapeutics. Steve Strakowski, MD reported the following relevant financial relationships: Grants/Research support – Janssen. Consultant-- Sunovion (Data & Safety Monitoring Board Chair) Otsuka (Data Monitoring Committee member). Honorarium—Medscape.***

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Consulting : ANeuroTech (division of Anima BV), Taisho Pharmaceutical, Inc., Signant Health, Sunovion Pharmaceuticals, Inc., Janssen Research & Development LLC, Magstim, Inc., Navitor Pharmaceuticals, Inc., Intra-Cellular Therapies, Inc., EMA Wellness, Acadia Pharmaceuticals, Axsome, Sage, BioXcel Therapeutics, Silo Pharma, Aditum Bio, XW Pharma **Stockholder:** Xhale, Seattle Genetics, Antares, BI Gen Holdings, Inc., Corcept Therapeutics Pharmaceuticals Company, EMA Wellness **Board of Directors:** Gratitude America, ADAA, Xhale Smart, Inc.

Other----Income sources or equity of \$10,000 or more: American Psychiatric Publishing, Xhale, Signant Health, CME Outfitters, Takeda, Intra-Cellular Therapies, Inc., EMA Wellness **Patents:** Method and devices for transdermal delivery of lithium (US 6,375,990B1) Method of assessing antidepressant drug therapy via transport inhibition of monoamine neurotransmitters by ex vivo assay (US 7,148,027B2) **Scientific Advisory Boards:** ANeuroTech (division of Anima BV), Brain and Behavior Research Foundation (BBRF), Anxiety Disorders Association of America (ADAA), Skyland Trail, Signant Health, Laureate Institute for Brain Research (LIBR), Inc., Magnolia CNS. The other members of the planning committee do not have relevant financial relationships to disclose relating to the educational content of this series.

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