

**MPS FLASH TALKS - 2022**  
 October 1, 2022

MPS Fall Program,  
*"On Her Shoulders: The Impact of a Woman's Mental Health"*  
 Minnesota Humanities Center, St Paul, MN - Saturday, October 1, 2022



1

---

---

---

---

---

---


---

---

MATHEUS MARQUES  
 MAYO CLINIC

**Brexanolone and Zuranolone**

MPS Fall Program, "Novel Approaches to Psychiatry"  
 Saturday, October 15, 2021



2

---

---

---

---

---

---


---

---

**1. FDA Approval and Pharmacology**

- Brexanolone (Zulresso®) - 1st drug FDA approved for postpartum depression (PPD) moderate- severe
- Exogenous analog of allopregnanolone. Mechanism of action not fully understood.
  - Thought to be related to its positive allosteric modulation of GABA-A receptors
- Administered intravenously (thus, 100% bioavailability).
- Half-life of approximately 9 hours.

MPS Fall Program, *"On Her Shoulders: The Impact of a Woman's Mental Health"*  
 Saturday, October 1, 2022



3

---

---

---

---

---

---

---

---



