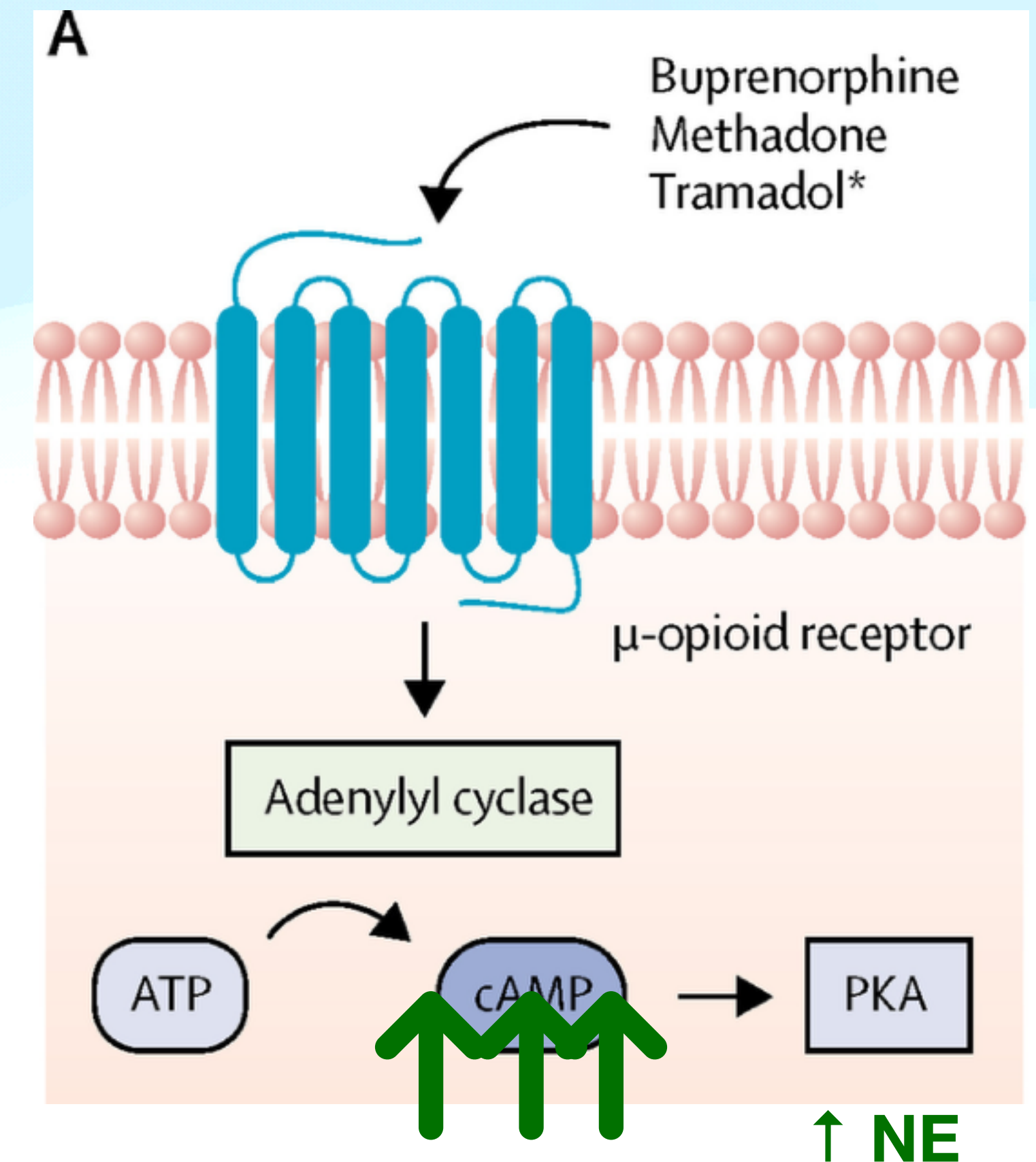


Mechanism of Opioid Withdrawal

Abrupt Cessation → Withdrawal

Locus coeruleus neurons continue to upregulate the cAMP pathway without opioid inhibition

- ↑ NE
- ↓ DA
- ↑ vascular tone, muscle tone



Case

Initial Presentation

- Ms. Pane is a 33 year old female presenting with about one day of abdominal cramping, nausea, vomiting, and diarrhea. She is complaining of insomnia.
- The patient has a history of IVDU currently receiving MAT with methadone.
- Three days ago, she was started on rifampin by ID as part of combination therapy for staph endocarditis.

