

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549  
Notice of Effectiveness

**Effectiveness Date:** May 16, 2016  
**Accession Number:** 0001564590-16-019396  
**Submission Type:** POS AM

---

**CIK:** [0001160308](#)  
**Company Name:** Mast Therapeutics, Inc.  
**File Number:** [333-164177](#)