## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549 Notice of Effectiveness

**Effectiveness Date:** July 27, 2016

**Accession Number:** 0001193125-16-651798

**Submission Type:** POS AM

**CIK:** <u>0001497253</u>

Company Name: ORGANOVO HOLDINGS, INC.

**File Number:** <u>333-189995</u>