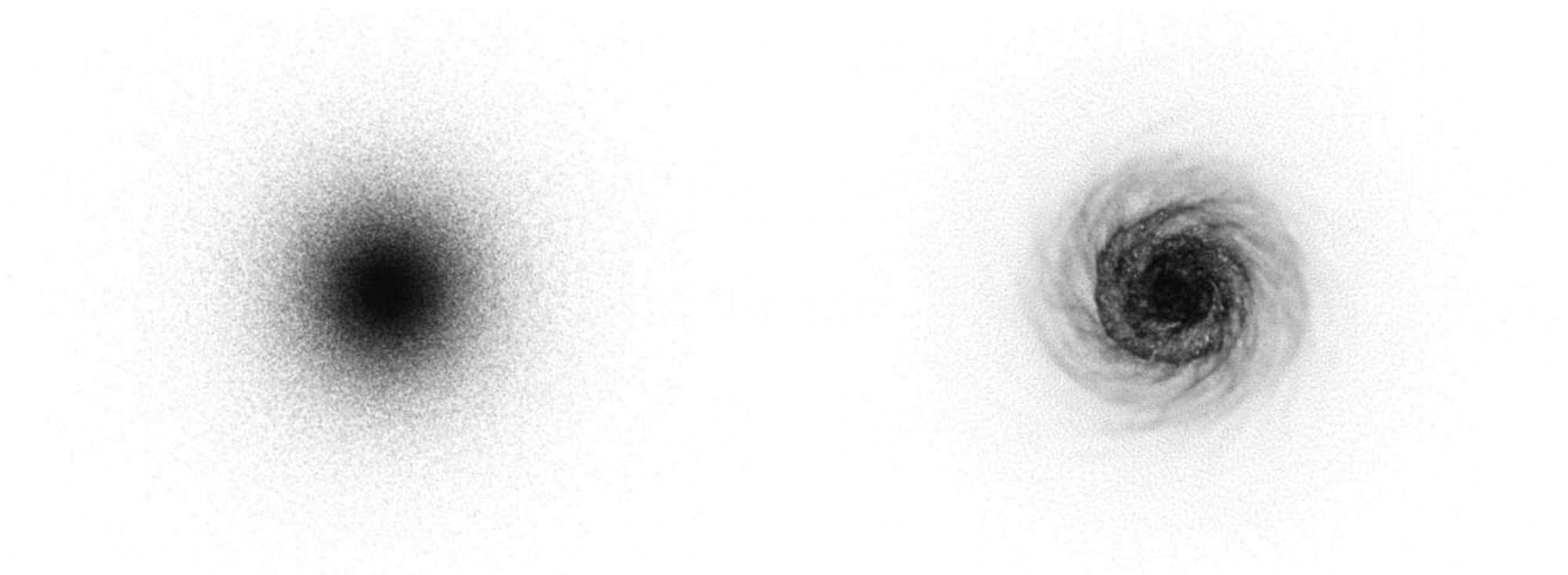

(a) Initial gaseous disk

(b) Gaseous disk after 1 Gyr