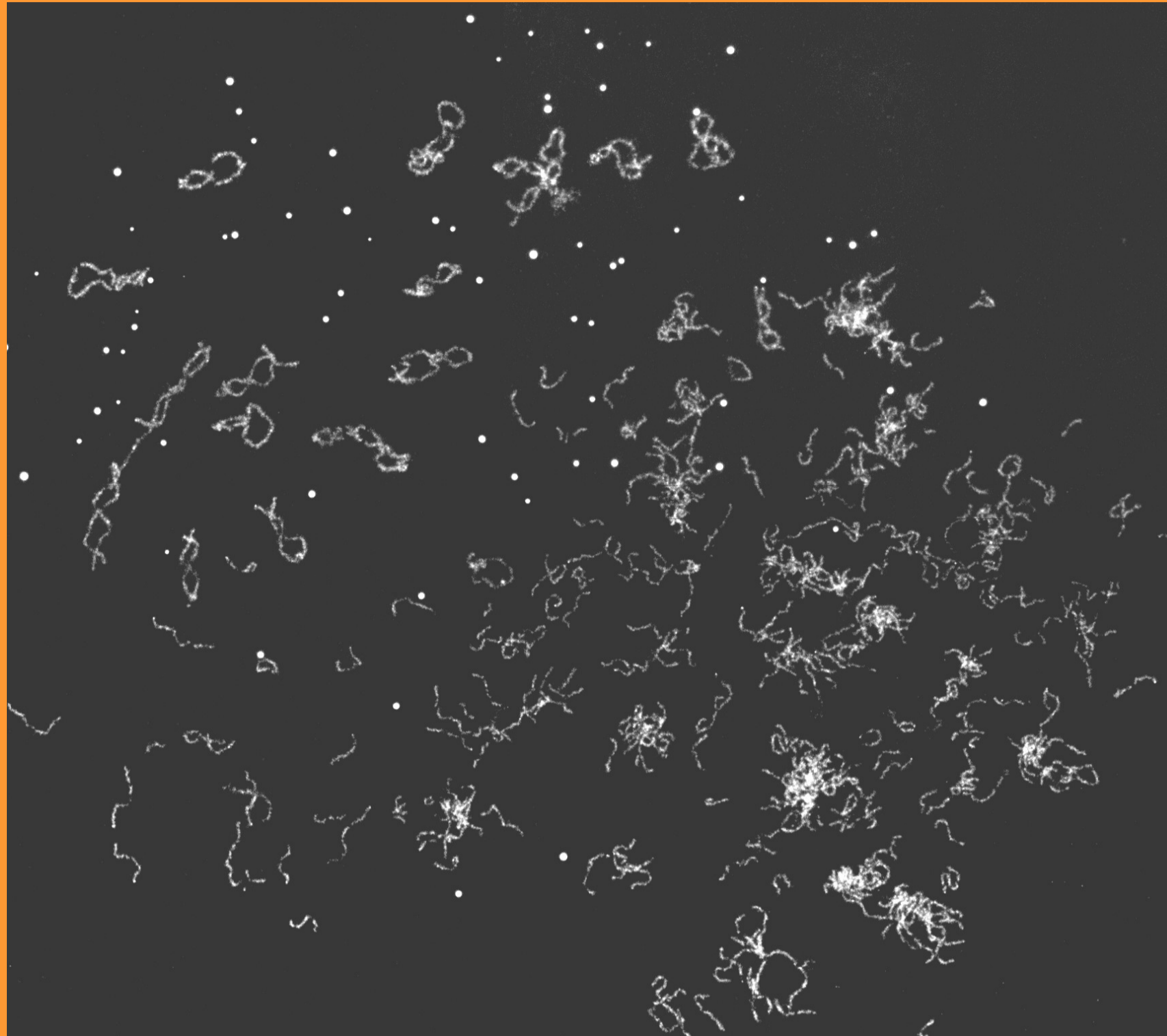
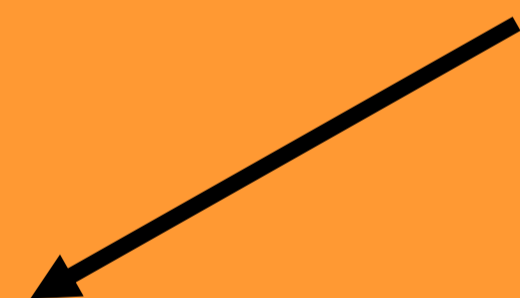


Mature *Xenopus* sperm injected into a *Xenopus* oocyte nucleus make lampbrush chromosomes



And here's the punch line — HUMAN sperm injected into *Xenopus* oocyte nuclei do exactly the same thing!



Yes — human lampbrush chromosomes!

Overview of the contents of a single *Xenopus* GV 21 h after injection of *Xenopus* sperm heads. The sperm heads have transformed into loose clusters of chromatids or single chromatids that have the characteristic features of LBCs. This GV probably received 15–20 sperm heads. The 18 endogenous lampbrush bivalents occupy the top left quarter of the picture. This nucleus was stained with mAb H14 against RNA Pol II. The lower image shows in phase contrast a group of lampbrush chromatids derived from the nucleus of a human spermatozoan 24 hours after injection into a *Xenopus* oocyte nucleus.