

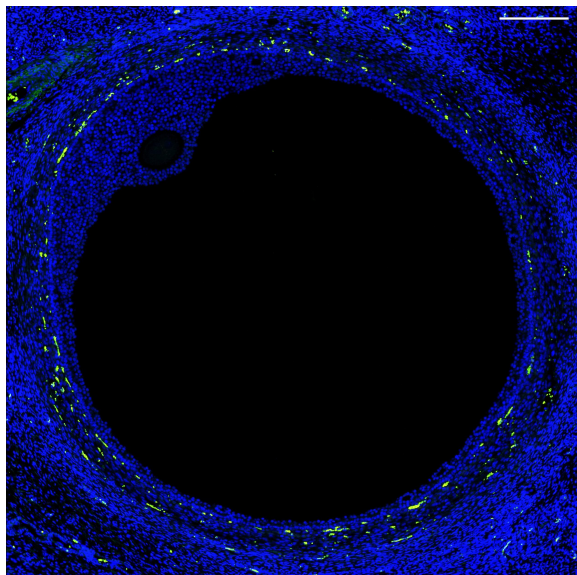
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First atlas of the human ovary with cell-level resolution is a step toward artificial ovary



 follicle.jpg

Caption: A fluorescent image of a human ovarian follicle U-M researchers collected during spatial analysis—clearly showing all the different compartments including the oocyte (the small oval), surrounding hormone-producing cells, blood vessels, immune cells and compartments. The scale bar is 0.2mm. Credit: University of Michigan.

Alt text: A large black circular disc takes up most of the square image, with a smaller black oval disc hugging its edge. Their relative sizes are similar to a pea and a poppy seed although the larger disc is only about a millimeter across. Both are outlined

in blue, cells lit up with fluorescent markers. Yellow dots trace out circles around the large disc.



Prof. Ariella Shikanov, left, and PhD student Margaret Brunette, right, research ways to preserve and restore reproductive and endocrine function. The group's latest research created a spatial map of the human ovary. Photo by Marcin Szczepanski/Lead Multimedia Storyteller, Michigan Engineering