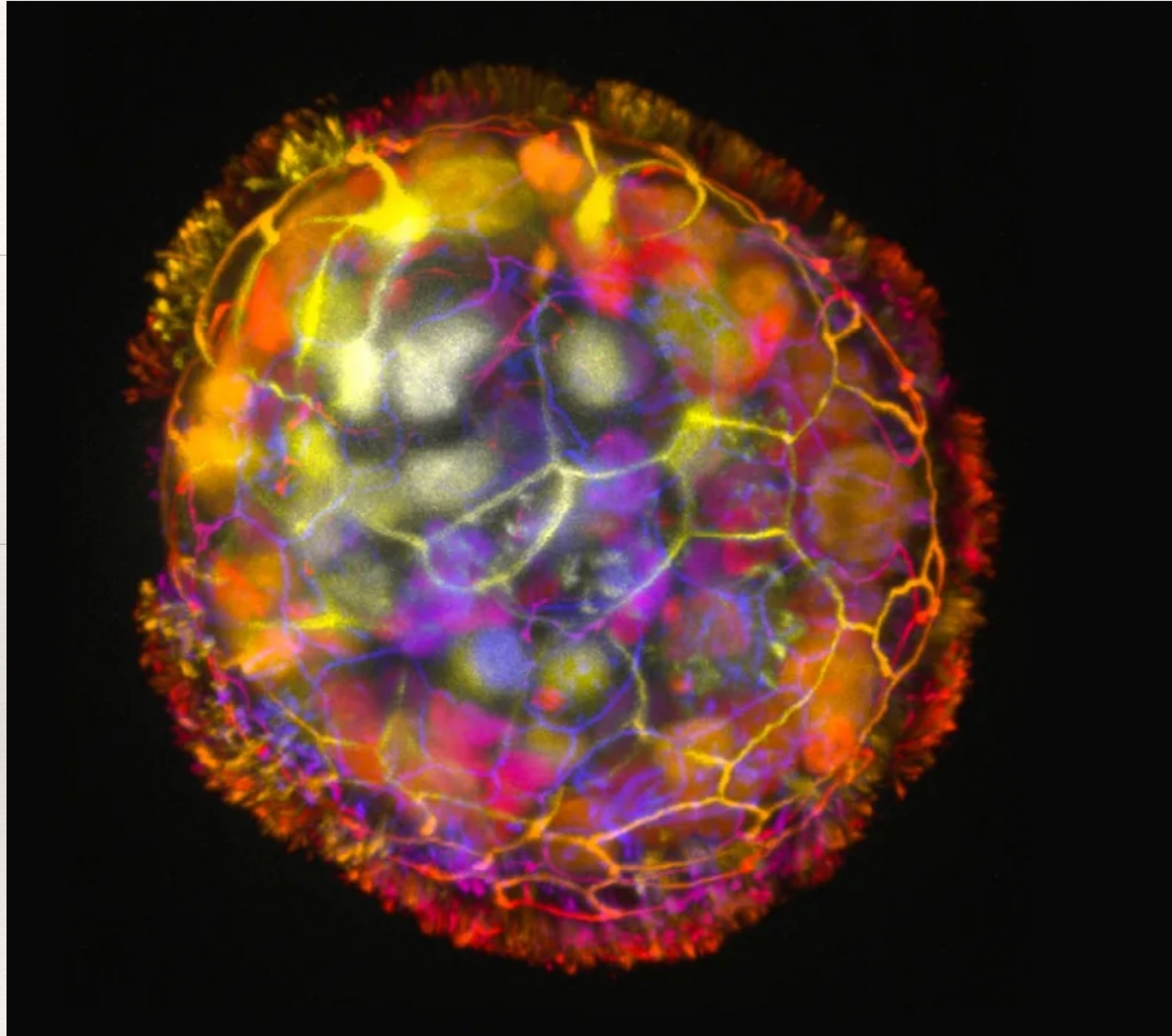
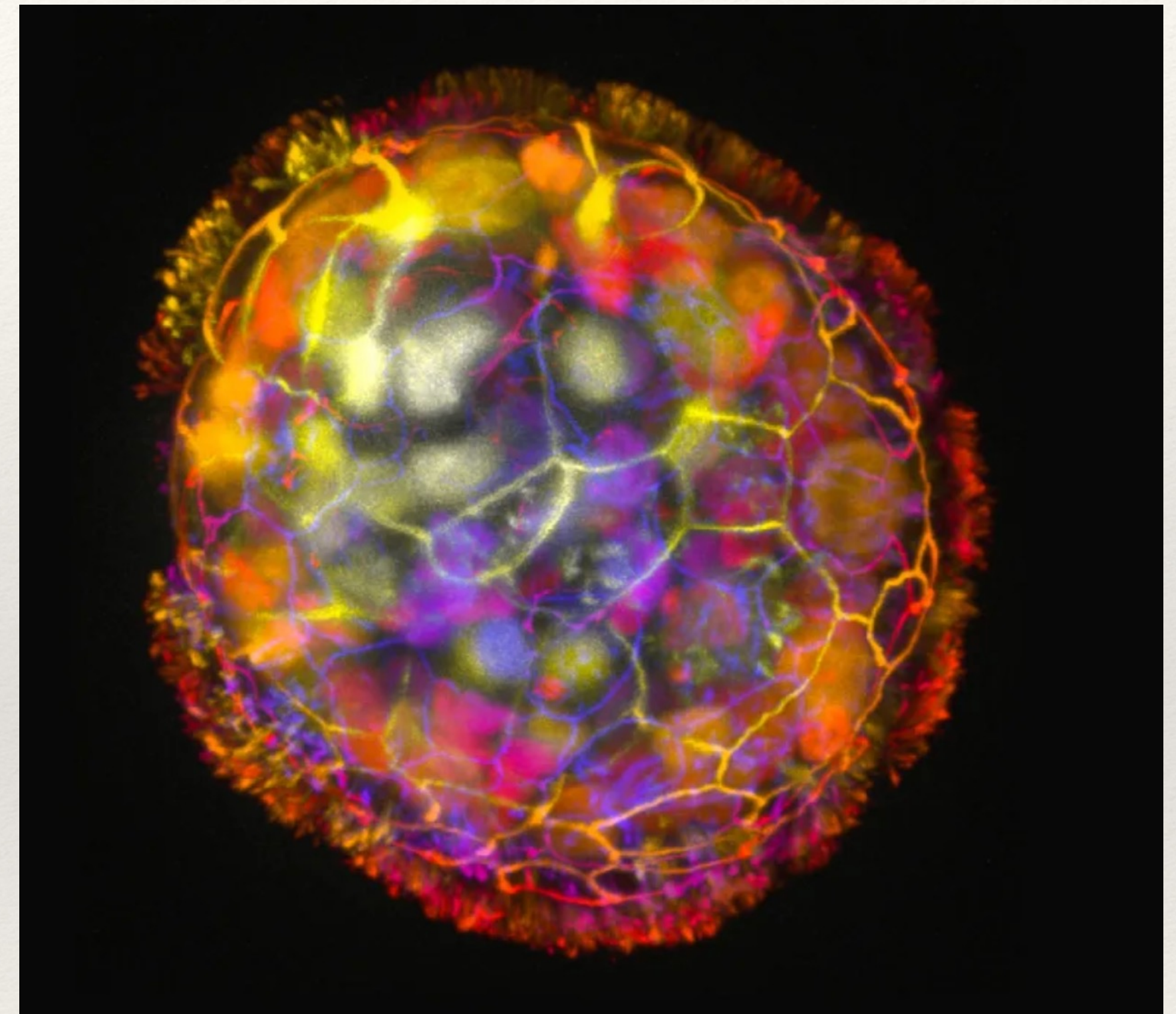

IN THE NEWS



November 30th, 2023 – Tiny living robots

- ❖ Scientists have created **anthrobots**, tiny living robots from human cells that can move around in a lab dish and may one day be able to help heal wounds or damaged tissue.
- ❖ This **groundbreaking technology** uses adult human cells from the trachea /trə'ki:ə/ or windpipe.
- ❖ The tracheal cells are covered with cilia that wave back and forth. They usually help the tracheal cells push out tiny particles.
- ❖ These cell clusters should be seen as organism-like entities that can be used as a “biorobotics platform” for medical and other applications.



A colored image shows the multicellular structure of an anthrobot, surrounded by cilia on its surface, enabling it to move and explore its environment