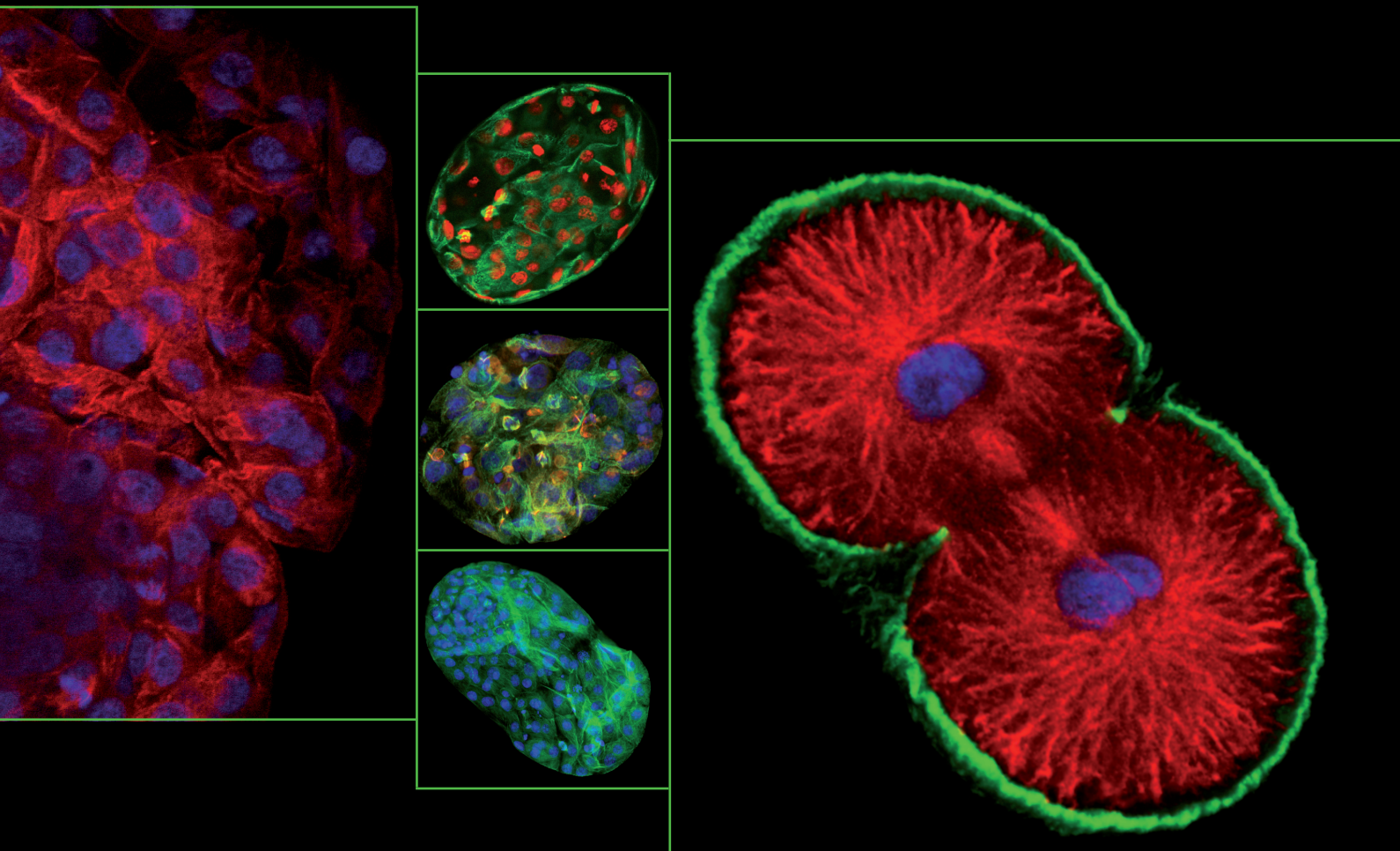


# ZYGOTE

The Biology of Gametes and Early Embryos



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Cover illustration: **Left:** Human vitrified blastocyst stained 24h post thaw (on day 6) (DNA is blue, microtubules are red)/Katerina Chatzimeletiou. **Centre top:** Human blastocyst subjected to cryoprotectants (DMSO/EG) but not submerged in liquid nitrogen stained 4h later (on day 5) (DNA is red, microtubules are green)/Katerina Chatzimeletiou. **Centre middle:** Human vitrified blastocyst stained 24h post thaw (on day 6) (DNA is blue, microtubules are green, and spindles, poles and mid-bodies are red)/Katerina Chatzimeletiou. **Centre bottom:** Human vitrified blastocyst stained 24h post thaw (on day 6) (DNA is blue, microtubules are green)/Katerina Chatzimeletiou. **Right:** Mitotic apparatus of a telophase sea urchin (*Strongylocentrotus pupuratus*) embryo (DNA is blue, tubulin is red, actin is green)/Amro Hamdoun.

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