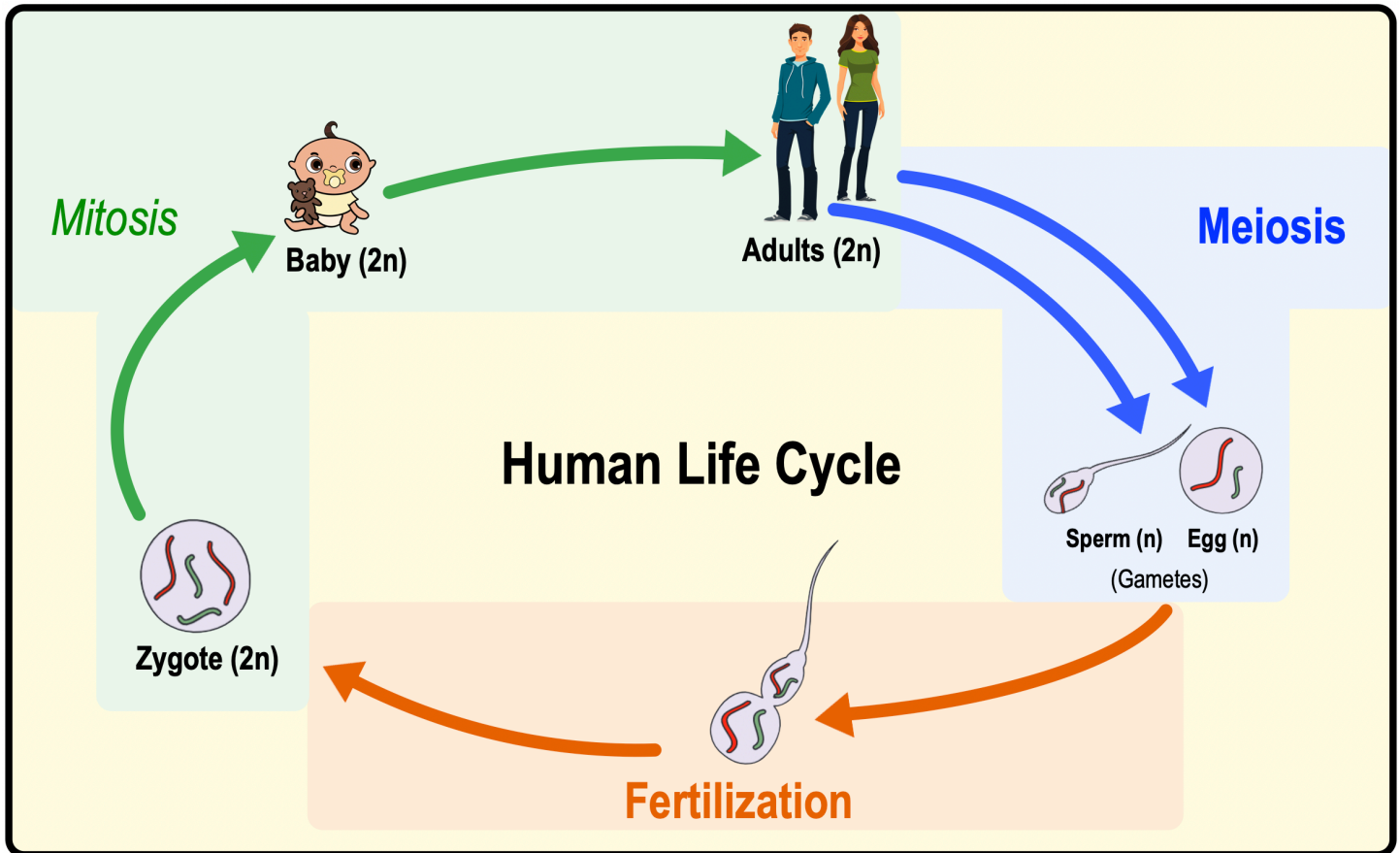


CONCEPT: LIFE CYCLE OF SEXUAL REPRODUCERS

- The life cycle for sexual reproducers includes both **mitosis** & _____.
- **Meiosis**: form of eukaryotic cell division that produces *haploid* (n) _____ (sperm or egg cells).
 - **Fertilization**: process of merging *gametes* (sperm & egg fusion) to create a _____.
 - **Zygote**: the very _____ diploid ($2n$) cell of a new developing organism where *Mitosis* starts.

EXAMPLE: Life Cycle of Sexual Reproducers.



PRACTICE: All eukaryotic sexual life cycles include:

- Mitosis, gamete formation, and fertilization.
- Mitosis, meiosis, gamete formation, and fertilization.
- Mitosis, meiosis, and gamete formation.
- Mitosis, fertilization, and meiosis.
- Mitosis, meiosis, apoptosis.
- Gamete formation, meiosis, mitosis.