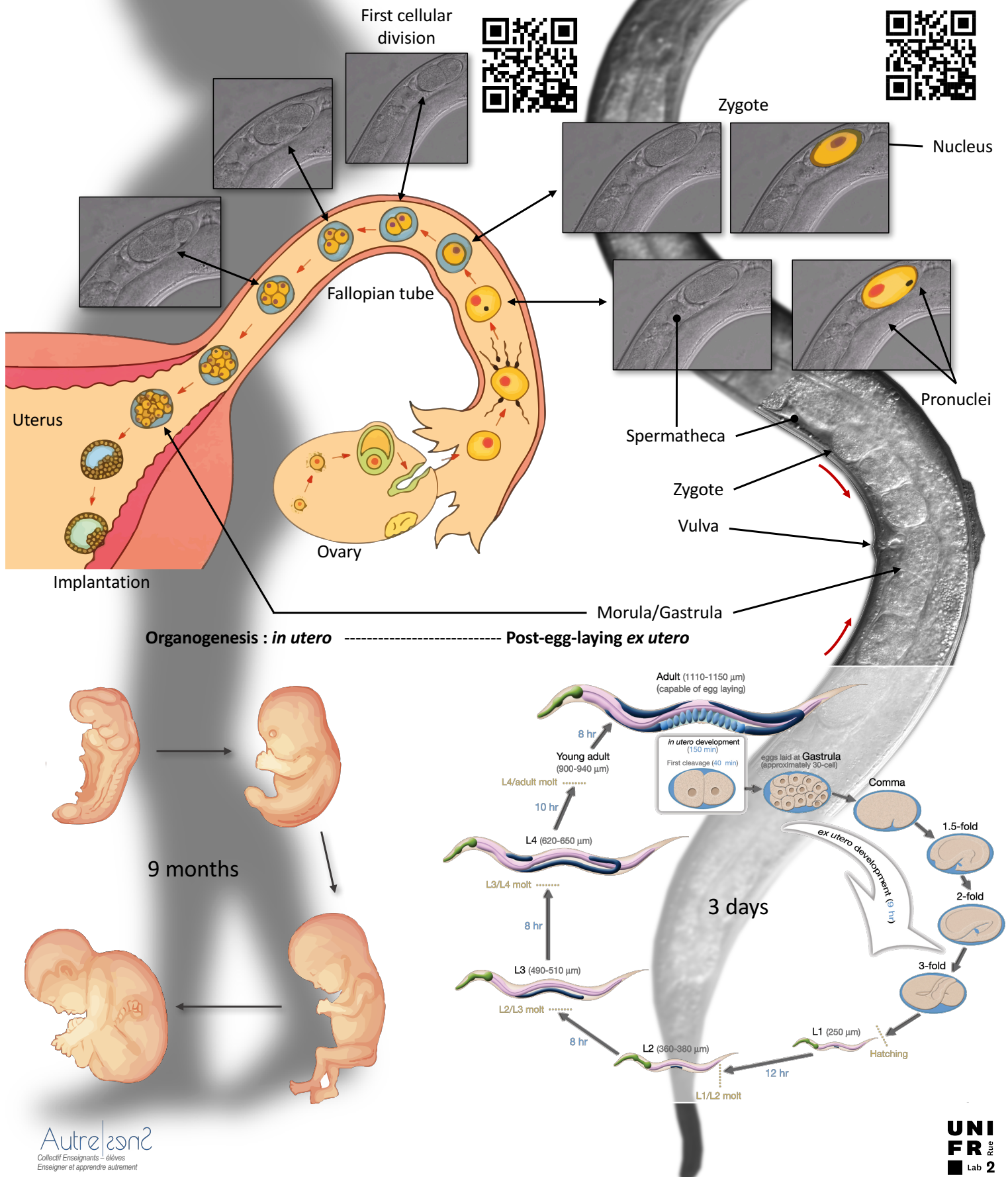


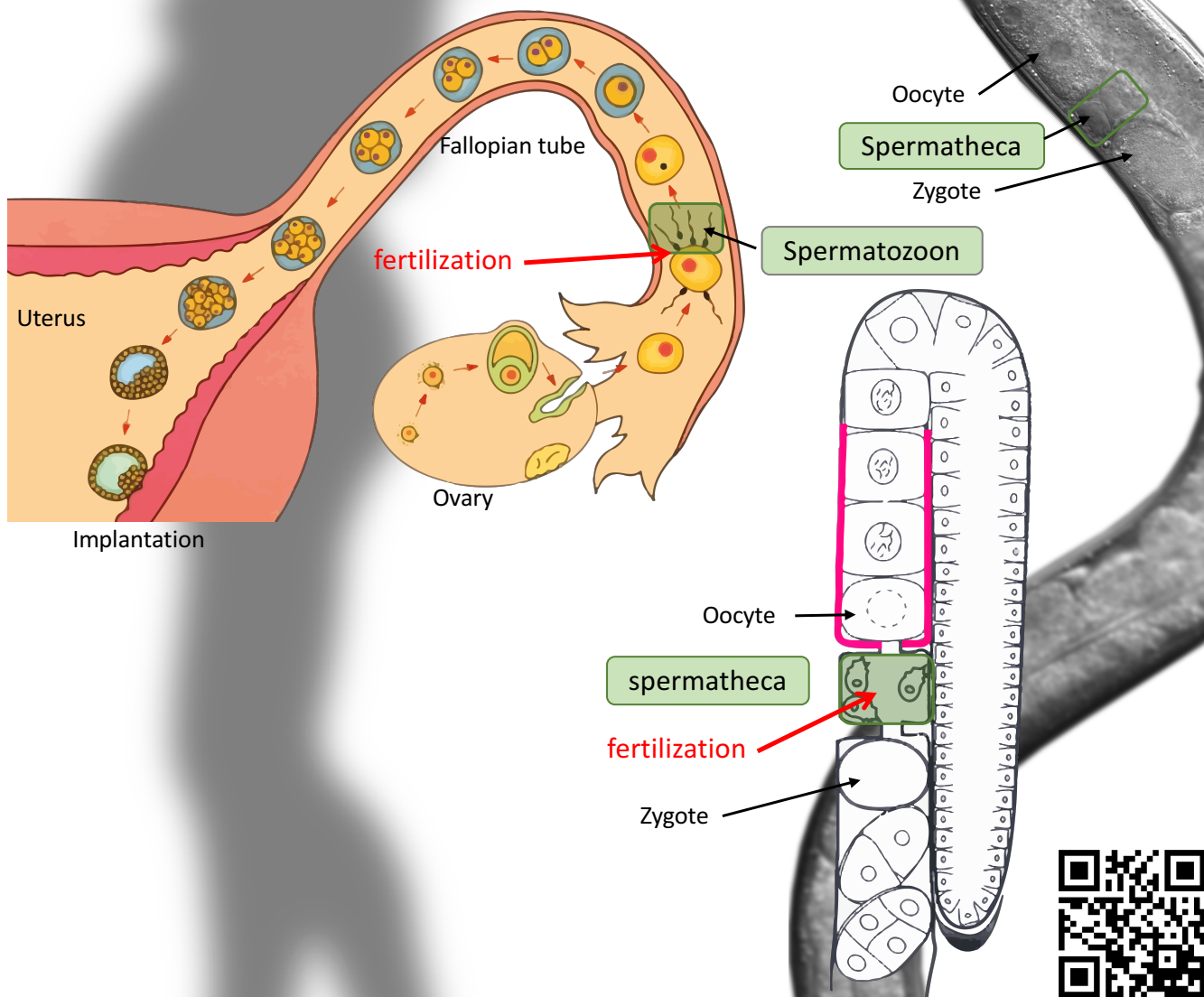
Embryonic development



Comparison of fertilization in human and *C. elegans*

Fertilization takes place in the fallopian tube after release of the egg by the ovary (=ovulation). Only one spermatozoon can fuse with the membrane of the egg. The fertilized egg then proceeds to the uterus.

Fertilization takes place in the spermatheca after release of the egg from the meiotic maturation zone (=ovulation). Only one spermatozoon can fuse with the membrane of the egg. The fertilized egg then proceeds to the uterus.



After fertilization the meiotic division continues in the egg which was previously stopped in **prophase I for the worm** and **metaphase II for human**.

In human as well as in *C. elegans*, after termination of the meiotic division, the zygotes enter mitosis.