

## Developmental Biology Curie/SU Workshop 2022

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday morning
Sept 26- 30	<b>Drosophila</b> PL. Bardet, A. Audibert, E. Buffin	<b>Drosophila</b> PL. Bardet, A. Audibert, E. Buffin	<b>Drosophila</b> PL. Bardet, A. Audibert, E. Buffin	<b>Xenopus</b> M. Umbhauer, C. Carron, JF Riou	<b>Xenopus</b> M. Umbhauer, C. Carron, JF Riou	<b>Xenopus</b> M. Umbhauer, C. Carron, JF Riou
Oct 3-7	<b>Mouse</b> A. Stedman, R. Grifonne, M. Paces- Fessy <b>C. Elegans</b> J. Merlet, F.Llense, V. Galy	<b>C. Elegans</b> J. Merlet, F.Llense, V. Galy	<b>Mouse</b> A. Stedman, R. Grifonne, M. Paces-Fessy	<b>Mouse</b> A. Stedman, R. Grifonne, M. Paces-Fessy	<b>Zebrafish</b> E. Havis, C. Fassier	<b>Zebrafish</b> E. Havis, C. Fassier
Oct 10-14	<b>Early mouse Development</b> E. Buffin, J. Merlet	<b>Early mouse Development</b> E. Buffin, J. Merlet	<b>Chick</b> T. Jaffredo, MC Delfini, E. Havis	<b>Chick</b> T. Jaffredo, MC Delfini, E. Havis	<b>Chick</b> T. Jaffredo, MC Delfini, E. Havis	

Practicals will take place at Sorbonne Université, 9 quai Saint-Bernard - Building B - 3 rd floor - room TP2

**C. Elegans practical: V. Galy, F. Llense, J. Merlet (SU, Paris)**

The fate of paternal components after fertilization : Analysis of the first massive autophagy wave in *C. elegans* development

**Zebrafish practical: E. Hirsinger, E. Havis, C. Fassier (SU, Paris)**

Ablation of the shield. Analysis of Cyp26a1 as a target of the Iroquois gene. Injection of Cyp26a1-GFP and analysis of operated embryos.

**Xenopus practical: M. Umbhauer, C. Carron, JF. Riou ( SU, Paris)**

Manipulating embryonic axes, Spemann experiment, mesoderm induction in vitro, Nieuwkoop recombination, gastrulation in vitro.

**Early mouse practical : E. Buffin, J. Merlet (SU, Paris):** Culture of mouse oocytes and early mouse embryos

**Avian practical: , T. Jaffredo, E . Havis (SU, Paris)**

Whole embryo culture. Intracardiac retroviral injection. Chick-quail and chick mouse grafts. Neural tube electroporation. Neural crest cell culture

**Drosophila practical : A. Audibert, M. Gho, E. Buffin (SU, Paris)**

Transgenic embryo analysis : study of cuticule, wing and leg imaginal discs, formation of mecano-sensorial organs.

**Mouse practical :**

**R. Griffone, A. Stedman, M. Paces-Fessy (SU, Paris)**

Embryo culture, Organ culture, Organoids, transgenic embryos