

Developmental Biology Curie/SU Workshop 2019

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday morning
Sept 16- 21	Mouse : somitogenesis and organogenesis R. Grifone, A.Stedman C. Elegans J. Merlet, F. Llense	Mouse : somitogenesis and organogenesis R. Grifone, E. Christians	C. Elegans J. Merlet, F.Llense	Xenopus M. Umbhauer, C. Carron, JF Riou	Xenopus M. Umbhauer, C. Carron, JF Riou	Xenopus M. Umbhauer, C. Carron, JF Riou
Sept. 24- 29	Early mouse Development E. Buffin, J. Merlet	Early mouse Development E. Buffin, J. Merlet	Chick T. Jaffredo, C. Thibault, E. Havis	Chick T. Jaffredo, C. Thibault, E. Havis	Chick T. Jaffredo, C. Thibault, E. Havis	Chick T. Jaffredo, C. Thibault, E. Havis
Oct 1- 6	Drosophila M. Gho, A. Audibert, E. Buffin	Drosophila M. Gho, A. Audibert, E. Buffin	Drosophila M. Gho, A. Audibert, E. Buffin	Zebrafish E. Havis, E. Hirsinger, C. Fassier	Zebrafish E. Havis, E. Hirsinger, C. Fassier Mouse embryo culture C. Fournier, A. Stedman, E. Havis	Mouse embryo culture C. Fournier, A. Stedman, 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.

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

Avian practical: C. Fournier-Thibault, 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 (SU, Paris)

The use of LacZ and GFP knock-in mouse lines to study musculoskeletal development.

A. Stedman, C. Fournier-Thibault, E. Havis (SU, Paris)

Mouse Embryo and Organ Culture