

Module M1 2024-2025: Developmental Biology at the Bench (Bio-M1-S16-S1): 13/12/2024 – 20/12/2024

Enseignants : Marie Gendrel, Xavier Morin, Iris Salecker, María Castro-Scherianz

Coordination : Iris Salecker

	Friday 13/12/2024	Monday 16/12/2024	Tuesday 17/12/2024	Wednesday 18/12/2024	Thursday 19/12/2024	Friday 20/12/2024
Morning	9H00-9H45 (salle 305) Introduction of course program and participants, organization of teams -pause-	9H00-10H15 (salle 305) Xavier Morin Model: chick embryo <i>Gallus gallus</i> -pause-	9H00-10H15 (salle 305) Iris Salecker Model: <i>Drosophila melanogaster</i> (+ mini intro to confocal microscopy Leica -pause-	9H00-10H15 (salle 305) Marie Gendrel Model: <i>C. elegans</i> -pause-	9H00-9H30 (salle 305) Iris Salecker Introduction to Fiji for image analysis	09H00-12H00 (salle 305) Group preparation of TP presentation in relation to existing literature
	Project introduction 10H00-10H45 (salle 305) Xavier Morin: project chick <i>Gallus gallus</i> 10H45-11H30 (salle 305) Iris Salecker: project <i>Drosophila melanogaster</i> 11H30-12H15 (salle 305) Marie Gendrel: project <i>C. elegans</i>	10H30-12H30 Group 1 (salle 305): project <i>C. elegans</i> II Group 2 (RdJ B015): project II <i>Drosophila</i> II Group 3 (5 etg 524): project chick embryo I	10H30-12H30 Group 1 (salle 305/confocal SP5 RdJ): project <i>C. elegans</i> III Group 2 (RdJ B015): project <i>Drosophila</i> III Group 3 (5 etg 524): project chick embryo II	10H30-12H30 Group 1 (confocal SP8 3rd floor): project <i>C. e. IV</i> Group 2 (confocal SP5 RdJ): project <i>Drosophila</i> IV Group 3 (salle 305): Image analysis chick III	9H30-12H00 (salle 305) All groups: Image analysis <i>C. elegans</i> V - pause - All groups :Image analysis <i>Drosophila</i> V - Organisation of presenting teams	
	lunch break 12H15-13H45	lunch break 12H30-13H45	lunch break 12H30-13H45	lunch break 12H30-13H45		lunch break 12H00-14H00
Afternoon	13H45-15H45 Group 1, 1 st half group 2 (salle 305): project <i>C. elegans</i> I Group 3, 2 nd half group 2 (RdJ B015): project <i>Drosophila</i> I -pause- 16H00-18H00 Group 3, 2 nd half group 2, (salle 305): project <i>C. elegans</i> I Groups 1, 1 st half group 2 (RdJ B015): project I <i>Drosophila</i> I	13H45-15H45 Group 3 (salle 305): project <i>C. elegans</i> II Group 1 (RdJ B015): project <i>Drosophila</i> II Group 2 (5 etg 524): project chick embryo I -pause- 16H00-18H00 Group 2 (salle 305): project <i>C. elegans</i> II Group 3 (RdJ B015): project <i>Drosophila</i> II Group 1 (5 etg 524): project chick embryo II	13H45-15H45 Group 3 (salle 305/confocal SP5 RdJ): project <i>C. elegans</i> III Group 1 (RdJ B015): project <i>Drosophila</i> III Group 2 (5 etg 524): project chick embryo II -pause- 16H00-18H00 Group 2 (salle 305/confocal SP5 RdJ): project <i>C. elegans</i> III Group 3 (RdJ B015): project <i>Drosophila</i> III Group 1 (5 etg 524): project chick embryo II	13H45-15H45 Group 3 (confocal SP8 3rd floor): project <i>C. e. IV</i> Group 1 (confocal SP5 RdJ): project <i>Drosophila</i> IV Group 2 (salle 305): Image analysis chick III -pause- 16H00-18H00 Group 2 (confocal SP8 3rd floor): project <i>C. e. IV</i> Group 3 (confocal SP5 RdJ): project <i>Drosophila</i> IV Group 1 (salle 305): Image analysis chick III	free afternoon	14H00-16H00 (salle 305) 15' presentation and 15' discussion of TP projects: TP chick embryo TP <i>Drosophila</i> TP <i>C. elegans</i> 16H00-16H30 (salle 305) Closing discussion and feedback

- 3 ECTS: grades will be based on course presence and punctuality (10%), course practical/seminar participation (40%) and a « project presentation and discussion » (30') (50%).