

LES CONFÉRENCES DE L'ICM



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Hosted by Claire WYART

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Alain GHYSEN – 14 Juin 2011 à 11H00

***"Development and evolution of a sensory system :
the fish lateral line"***

The lateral line is a mechanosensory system that endows fish and amphibians with a sense of "touch-at-a-distance". It comprises a set of individual sense organs that are deposited along the body by a migrating primordium, during embryogenesis. The molecular bases of this long-distance, collective migration have now been elucidated. Whereas the embryonic pattern is highly conserved among fish, adult patterns vary considerably. Is this variation due to the addition of new developmental mechanisms during evolution, or to variations in the use of conserved mechanisms ?

***Mardi 14 juin 2011 à 11H00
Auditorium de l'ICM
Hôpital Pitié-Salpêtrière
47, boulevard de l'hôpital - 75013 Paris***