

Advanced search

EVENTS

Relevance:  100%

"Evolution phénotypique et génétique au cours d'une expérience au long terme chez Escherichia coli"

-

06/11/2020

NEWS

Relevance:  100%

"L'âge d'or des animaux" sur ARTE, les chercheurs du LBBE prennent la parole

15/10/2017

EVENTS

Relevance:  100%

"La morphométrie appliquée aux rongeurs: un marqueur des processus de l'évolution".

.

06/11/2020

EVENTS

Relevance:  100%

"Le Kama Sutra des nucléosomes aux promoteurs: positions, variantes et contraintes physiques".

.

06/11/2020

EVENTS

Relevance:  100%

"Microevolution in Island Birds: Insights from white-eye colonisations of southwest Pacific islands »

-

06/11/2020

EVENTS

Relevance:  100%

"Quand la démographie part à la rencontre de la biologie évolutive"

-

06/11/2020

Relevance: 100%

One of the most fundamental issues in biology is the nature of evolutionary transitions from single cell organisms to multicellular ones. Not surprisingly for microscopic life in a fluid environment, many of the processes involved are related to transport and locomotion, for efficient exchange of chemical species with the environment is one of the most basic features of life. This is particularly so in the case of flagellated eukaryotes such as green algae, whose members serve as model organisms for the study of transitions to multicellularity. In this talk I will summarize recent theoretical and experimental work addressing a number of interrelated aspects of evolutionary transitions in the Volvocine green algae, which range from unicellular *Chlamydomonas* to *Volvox*, with thousands of cells. Phenomena to be discussed include allometry of nutrient uptake, phenotypic plasticity, flagellar synchronization, hydrodynamic bound states, and the dynamics of adaptive phototaxis. For more details, see <http://www.cgmc.univ-lyon1.fr/Semovi/13octobre2010.php>

06/11/2020

Relevance: 100%

One of the principal questions in the study of animal-bacterial interactions is: What are the cellular and molecular differences between beneficial and pathogenic associations? The study of several invertebrate symbioses has demonstrated that, although the outcomes are different, beneficial and pathogenic associations share much of the same molecular language. This presentation will focus upon contributions to the field made by the study of the relationship between the Hawaiian bobtail squid *Euprymna scolopes* and its luminous bacterial partner *Vibrio fischeri*. In this symbiosis, the bacteria are acquired anew each generation and form persistent interactions along the apical surfaces of host epithelia, a pattern of symbiosis that is perhaps the most widespread among animals. The mechanisms underlying the processes of host-symbiont recognition, induction of partner development, and the maintenance of a balanced relationship will be highlighted.

06/11/2020

Relevance: 100%

-

06/11/2020

Relevance: 100%

1

06/11/2020

PUBLICATIONS

Relevance:  100%

« Un lavage, c'est un lavage » : des chauffeurs bovins face aux consignes sanitaires (<https://hal.science/hal-04089184>)

Clémence Beslay, Mary Bouix, Henri Fauroux, Amandine Gautier, Francesco Luposella, Jean-Marie Pillon, Thibaud Porphyre, Marilynne Schell, Nathan Soleau

17/05/2023

EVENTS

Relevance:  100%

«Causal inference and mediation analysis: an overview of the principles and assumptionsn nRandomised clinical trials (RCTs) are the gold standard to make causal inference on associations between an exposure/treatment variable and an outcome. However, ...

01/07/2022

RESULTS FILTER

Par types de contenus

- > [Basic page](#)
(97)
- > [Department](#)
(5)
- > [Directory of people](#)
(238)
- > [Events](#)
(1227)
- > [News](#)
(356)
- > [Photo/video gallery](#)
(2)
- > [Publications](#)
(5108)
- > [Team](#)
(18)

Par rubrique

- > [Recherche](#)
(22)
- > [Intranet](#)
(21)
- > [Laboratoire](#)
(10)
- > [Research](#)
(3)
- > [Life in the lab](#)
(1)
- > [Recherche Recherche](#)
(1)
- > [Vie au laboratoire](#)
(1)

By creation date

From
(jj/mm/aaaa)

To
(jj/mm/aaaa)

FILTER BY
DATE

SORT BY :

- > [Relevance](#)
- > [Title](#)
- > [Type of content](#)
- > [Publication date](#)