

Showing results 1 to 20 on 5204 in total

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**DIRECTORY OF PEOPLE**

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**Humblot Lionel**

15/06/2021

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**PUBLICATIONS**

Relevance:  100%

**A Phylogenomic Approach to Vertebrate Phylogeny Supports a Turtle-Archosaur Affinity and a Possible Paraphyletic Lissamphibia (<https://hal-univ-lyon1.archives-ouvertes.fr/hal-02297002>)**

Jj. Fong, Jm. Brown, Mk. Fujita, Bastien Boussau

17/06/2021

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**PUBLICATIONS**

Relevance:  100%

**Strepsiptera, Phylogenomics and the Long Branch Attraction Problem (<https://hal.archives-ouvertes.fr/hal-02072972>)**

Bastien Boussau, Z. Walton, Ja. Delgado, F. Collantes, L. Beani, Ij. Stewart, Sa. Cameron, Jb. Whitfield, Js. Johnston, P. Holland, D. Bachtrog, J. Kathirithamby, Jp. Huelsenbeck

17/06/2021

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**PUBLICATIONS**

Relevance:  100%

**Statistical binning enables an accurate coalescent-based estimation of the avian tree (<https://hal-univ-lyon1.archives-ouvertes.fr/hal-02045118>)**

S. Mirarab, M. S. Bayzid, Bastien Boussau, T. Warnow

17/06/2021

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**PUBLICATIONS**Relevance:  100%**Probabilistic Graphical Model Representation in Phylogenetics (<https://hal-univ-lyon1.archives-ouvertes.fr/hal-02046806>)**

S. Höhna, Ta. Heath, Bastien Boussau

17/06/2021

**PUBLICATIONS**Relevance:  100%**Whole-genome analyses resolve early branches in the tree of life of modern birds. (<https://hal.umontpellier.fr/hal-03021815>)**

Erich Jarvis, Siavash Mirarab, Andre Aberer, Bo Li, Peter Houde, Cai Li, Simon Y.W. Ho, Brant Faircloth, Benoit Nabholz, Jason Howard, Alexander Suh, Claudia Weber, Rute da Fonseca, Jianwen Li, Fang Zhang, Hui Li, Long Zhou, Nitish Narula, Liang Liu, Ganesh Ganapathy, Bastien Boussau, Md Shamsuzzoha Bayzid, Volodymyr Zavidovych, Sankar Subramanian, Toni Gabaldón, Salvador Capella-Gutiérrez, Jaime Huerta-Cepas, Bhanu Rekepalli, Kasper Munch, Mikkel Schierup, Bent Lindow, Wesley Warren, David Ray, Richard Green, Michael Bruford, Xiangjiang Zhan, Andrew Dixon, Shengbin Li, Ning Li, Yinhua Huang, Elizabeth Derryberry, Mads Frost Bertelsen, Frederick Sheldon, Robb Brumfield, Claudio Mello, Peter Lovell, Morgan Wirthlin, Maria Paula Cruz Schneider, Francisco Prosdocimi, José Alfredo Samaniego, Amhed Missael Vargas Velazquez, Alonzo Alfaro-Núñez, Paula Campos, Bent Petersen, Thomas Sicheritz-Ponten, An Pas, Tom Bailey, Paul Scofield, Michael Bunce, David Lambert, Qi Zhou, Polina Perelman, Amy Driskell, Beth Shapiro, Zijun Xiong, Yongli Zeng, Shiping Liu, Zhenyu Li, Binghang Liu, Kui Wu, Jin Xiao, Xiong Yinqi, Qiuemei Zheng, Yong Zhang, Huanming Yang, Jian Wang, Linnea Smeds, Frank Rheindt, Michael Braun, Jon Fjeldsa, Ludovic Orlando, F Keith Barker, Knud Andreas Jønsson, Warren Johnson, Klaus-Peter Koepfli, Stephen O'Brien, David Haussler, Oliver Ryder, Carsten Rahbek, Eske Willerslev, Gary Graves, Travis Glenn, John McCormack, Dave Burt, Hans Ellegren, Per Alström, Scott Edwards, Alexandros Stamatakis, David Mindell, Joel Cracraft, Edward Braun, Tandy Warnow, Wang Jun, M Thomas P Gilbert, Guojie Zhang

17/06/2021

**PUBLICATIONS**Relevance:  100%**Assessing Approaches for Inferring Species Trees from Multi-Copy Genes (<https://hal-cnrs.archives-ouvertes.fr/hal-02330733>)**

Ruchi Chaudhary, Bastien Boussau, J. Gordon Burleigh, David Fernández-Baca

17/06/2021

**PUBLICATIONS**Relevance:  100%**Weighted Statistical Binning: Enabling Statistically Consistent Genome-Scale Phylogenetic Analyses (<https://hal-cnrs.archives-ouvertes.fr/hal-02330728>)**

Md Shamsuzzoha Bayzid, Siavash Mirarab, Bastien Boussau, Tandy Warnow

17/06/2021

**PUBLICATIONS**

Relevance:  100%

**Response to Comment on "Statistical binning enables an accurate coalescent-based estimation of the avian tree (<https://hal-cnrs.archives-ouvertes.fr/hal-02330701>)**

S. Mirarab, M. Bayzid, B. Boussau, T. Warnow

17/06/2021

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Relevance:  100%

**Integrative modeling of gene and genome evolution roots the archaeal tree of life (<https://hal-cnrs.archives-ouvertes.fr/hal-02330687>)**

Tom Williams, Gergely Szöllősi, Anja Spang, Peter Foster, Sarah Heaps, Bastien Boussau, Thijs Ettema, T. Martin Embley

17/06/2021

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**PUBLICATIONS**

Relevance:  100%

**Reconciling Gene trees with Species Trees (<https://hal.archives-ouvertes.fr/hal-02535529>)**

Bastien Boussau, Celine Scornavacca

17/06/2021

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Relevance:  100%

**A Population Dynamics Analysis of the Interaction between Adaptive Regulatory T Cells and Antigen Presenting Cells (<https://hal-univ-lyon1.archives-ouvertes.fr/hal-02307481>)**

David Fouchet, R. Regoes

17/06/2021

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Relevance:  100%

**Recombination and drug resistance in HIV: Population dynamics and stochasticity (<https://hal.archives-ouvertes.fr/hal-00539429>)**

Rd Kouyos, D. Fouchet, S. Bonhoeffer

17/06/2021

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**EVENTS**Relevance:  100%**Arthropod evolutionary genomics from genus to phylum**

Short biography: Biochemistry undergraduate at Oxford, then bioinformatics masters at Imperial College London. Followed by comparative genomics of mosquito immunity PhD also at Imperial. Then OrthoDB-orthology postdoc in Geneva participating in the i5k arthropod genomes initiative, and mosquito comparative genomics Marie Curie fellowship at MIT with return phase back in Geneva. Now assistant professor at the University of Lausanne since September 2017 and Swiss Institute of Bioinformatics Group Leader since 2018.

16/06/2021

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**NEWS**Relevance:  100%**Two upcoming papers on the human gut microbiota**01/04/2021

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**NEWS**Relevance:  100%**Alice Bernard, doctorante au LBBE, cosigne la première synthèse des mouvements des 363 espèces d'oiseaux marins connues**25/05/2021

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**NEWS**Relevance:  100%**Un jeu vidéo scientifique, concocté par Alexia Nguyen-Trung, doctorante au LBBE**15/05/2021

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**NEWS**Relevance:  100%**Le Progès diffuse les travaux du LBBE**04/05/2021

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---

- > [Basic page](#)  
(84)
- > [Department](#)  
(5)
- > [Directory of people](#)  
(214)
- > [Events](#)  
(657)
- > [News](#)  
(324)
- > [Photo/video gallery](#)  
(1)
- > [Publications](#)  
(3901)
- > [Team](#)  
(18)

## Par rubrique

---

- > [Intranet](#)  
(1)
- > [Laboratoire](#)  
(1)

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



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