

The LBBE is highlighted for its contribution to the neutralist-selectionist debate

LBBE researchers are highlighted by the journal Molecular Biology and Evolution for their contribution on the neutralist-selectionist debate

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For its 40th anniversary, the journal Molecular Biology and Evolution launched a series of virtual issues in 2024, highlighting the historic and contemporary contributions of the journal.

The February virtual issue is dedicated to the neutralist-selectionist debate, and featured 17 articles published in MBE between 1993 and 2023:

<https://academic.oup.com/smbejournals/pages/neutralist-selectionist-debate-mbe> 

Four of these articles were authored by LBBE researchers:

- Bolívar P, Mugal CF, Rossi M, Nater A, Wang M, Dutoit L and Ellegren H 2018 Biased Inference of Selection Due to GC-Biased Gene Conversion and the Rate of Protein Evolution in Flycatchers When Accounting for It. Molecular Biology and Evolution 35: 2475–2486. <https://doi.org/10.1093/molbev/msy149>
- Galtier N, Roux C, Rousselle M, Romiguier J, Figuet E, Glémin S, Bierne N and Duret L 2018 Codon Usage Bias in Animals: Disentangling the Effects of Natural Selection, Effective Population Size, and GC-Biased Gene Conversion. Molecular Biology and Evolution 35: 1092–1103. <https://doi.org/10.1093/molbev/msy015>
- Lartillot N and Poujol R 2011 A Phylogenetic Model for Investigating Correlated Evolution of Substitution Rates and Continuous Phenotypic Characters. Molecular Biology and Evolution 28: 729–744. <https://doi.org/10.1093/molbev/msq244>
- Hughes S, Zelus D and Mouchiroud D 1999 Warm-blooded isochore structure in Nile crocodile and turtle. Molecular Biology and Evolution 16: 1521–1527. <https://doi.org/10.1093/oxfordjournals.molbev.a026064>