

- [SIBIS: a Bayesian model for inconsistent protein sequence estimation.](#)

Khenoussi W, Vanhoutrève R, Poch O, Thompson JD.

Bioinformatics. 2014 30:2432-9.

- [Metazoan Remaining Genes for Essential Amino Acid Biosynthesis: Sequence Conservation and Evolutionary Analyses](#) .

Costa IR, Thompson JD, Ortega JM, Prosdocimi F.

Nutrients. 2014 Dec 24;7(1):1-16. doi: 10.3390/nu7010001.

- [The molecular signature of the stroma response in prostate cancer-induced osteoblastic bone metastasis highlights expansion of hematopoietic and prostate epithelial stem cell niches.](#)

Özdemir BC, Hensel J, Secondini C, Wetterwald A, Schwaninger R, Fleischmann A, Raffelsberger W, Poch O, Delorenzi M, Temanni R, Mills IG, van der Pluijm G, Thalmann GN, Cecchini MG.

PLoS One. 2014 Dec 8;9(12):e114530.

- [Bardet-Biedl syndrome: cilia and obesity - from genes to integrative approaches.](#)

Chennen K, Scerbo MJ, Dollfus H, Poch O, Marion V.

Med Sci (Paris). 2014 Nov;30(11):1034-9.

- [Released selective pressure on a structural domain gives new insights on the functional relaxation of mitochondrial aspartyl-tRNA synthetase](#) .

Schwenzer H, Scheper GC, Zorn N, Moulinier L, Gaudry A, Leize E, Martin F, Florentz C, Poch O, Sissler M.

Biochimie. 2014 May;100:18-26.

- [A comprehensive study of small non-frameshift insertions/deletions in proteins and prediction of their phenotypic effects by a machine learning method \(KD4i\).](#)

Bermejo-Das-Neves C, Nguyen H, Poch O and Thompson JD

BMC Bioinformatics 2014, 15:111. April, 2014. doi: 10.1186/1471-2105-15-111.

**[- Heterogeneous Biological Data Integration with High Level Query Language.](#)**

Nguyen H, Laurent M, Thompson JD, Poch O.

IBM Journal of Research and Development, vol. 58 no. 2/3. 15 April, 2014. doi: 10.1147/JRD.2014.2309032.

**[- Lrit3 deficient mouse \(nob6\): a novel model of complete congenital stationary night blindness \(cCSNB\).](#)**

Neuillé M, El Shamieh S, Orhan E, Michiels C, Antonio A, Lancelot ME, Condroyer C, Bujakowska K, Poch O, Sahel JA, Audo I, Zeitz C.

PLoS One. 2014 Mar 5;9(3):e90342.

- [Exome sequencing of Bardet-Biedl syndrome patient identifies a null mutation in the BBSome subunit BBIP1](#)

Scheidecker S, Etard C, Pierce NW, Geoffroy V, Schaefer E, Muller J, Chennen K, Flori E, Pelletier V, Poch O, Marion V, Stoetzel C, Strähle U, Nachury MV, Dollfus H. (BBS18).

J Med Genet. 2014 Feb;51(2):132-6.

- [Retinoic Acid receptor subtype-specific transcriptotypes in the early zebrafish embryo.](#)

Samarut E, Gaudin C, Hughes S, Gillet B, de Bernard S, Jouve PE, Buffat L, Allot A, Lecompte O, Berekelya L, Rochette-Egly C, Laudet V.

Mol Endocrinol. 2014 Feb;28(2):260-72. doi: 10.1210/me.2013-1358.

PMID:24422634

- [The familial dementia gene revisited: a missense mutation revealed by whole-exome sequencing identifies ITM2B as a candidate gene underlying a novel autosomal dominant retinal dystrophy in a large family.](#)

Audo I, Bujakowska K, Orhan E, El Shamieh S, Sennlaub F, Guillonneau X, Antonio A, Michiels C, Lancelot ME, Letexier M, Saraiva JP, Nguyen H, Luu TD, Léveillard T, Poch O, Dollfus H, Paques M, Goureau O, Mohand-Saïd S, Bhattacharya SS, Sahel JA, Zeitz C. Hum

Mol Genet. 2014 Jan 15;23(2):491-501.