

## Mathieu Clément-Ziza

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Day of Birth: 26<sup>th</sup> October 1978  
Nationality: French

### Education

2007 Pasteur institute degree in informatics for biology, Paris, France  
2002 – 2007 PhD in genetics, University Paris 5, France  
2001 – 2002 DEA (Master) in Molecular genetics of developmental diseases and oncogenesis, University Paris 5, France  
2000 – 2001 Maîtrise in Molecular and Cellular Biology, University Paris 5, France  
1999 – 2000 Licence (Bachelor) in cellular biology and physiology, University Paris 5, France  
1996 – 1999 DEUG in biology, University Paris 5, France

### Professional and research experience

2009 – 2015 Postdoc in Computational System Biology, Group of Andreas Beyer, BIOTEC (University of Dresden), CECAD (University of Cologne), Germany  
2007 Internship in Bioinformatics, institute Pasteur, Paris, France  
2002 – 2007 PhD student, S.Lyonnet Lab (dir C.Besmond), INSERM U781, Necker Hospital, Paris, France  
2000 – 2002 Master Student. A.Munnich's Lab (dir C.Besmond). INSERM U393, Necker Hospital, Paris, France

### Fellowships/Awards

2013 – now Return Fellowship, German Research Foundation (DFG)  
2013 French-German university (DFH) workshop organization grant  
2010 Best Poster Award, EuroSyStem meeting  
2005 – 2006 PhD continuation grant (Fondation pour la recherche Medicale)  
2002 – 2005 PhD research grant (French research ministry)

### Selected publications

**Clément-Ziza M #**, Marsellach FX#, Codlin S#, Papadakis MA, Reinhardt S, Rodriguez-Lopez M, Martin S, Marguerat S, Schmidt A, Lee E, Workman CT, Bähler J, and Beyer A. Natural genetic variation impacts expression levels of coding, non-coding, and antisense transcripts in fission yeast. *Mol Syst Biol*, 2014 Nov 28;10:764. doi: 10.15252/msb.20145123. # equal contribution

Picotti P#, **Clément-Ziza M #**, Lam H#, Campbell DS, Schmidt A, Deutsch EW, Röst H, Sun Z, Rinner O, Reiter L, Shen Q, Michaelson JJ, Frei A, Alberti S, Kusebauch U, Wollscheid B, Moritz RL, Beyer A, Aebersold R. A complete mass-spectrometric map of the yeast proteome applied to quantitative trait analysis. **Nature** 2013 Feb 14;494(7436):266-70 # *equal contribution*

**Clément-Ziza M \***, Malabat C, Weber C, Moszer I, Aittokallio T, Letondal C, Rousseau S. Genoscape: a Cytoscape plug-in to automate the retrieval and integration of gene expression data and molecular networks. **Bioinformatics** 2009 Oct;25(19):2617-2618. \* Corresponding author

**Clément-Ziza M**, Gentien D, Lyonnet S, Thiery J, Besmond C, Decraene C. Evaluation of methods for amplification of picogram amounts of total RNA for whole genome expression profiling. **BMC Genomics** 2009;10:246.

**Clément-Ziza M**, Munnich A, Lyonnet S, Jaubert F, Besmond C. Stabilization of RNA during laser capture microdissection by performing experiments under argon atmosphere or using ethanol as a solvent in staining solutions. **RNA** 2008 Dec;14(12):2698-2704.