Miss DANAI FIMERELI

Work experience

2018-present	**Post-Doctoral Research Fellow**
	IRIBHM, Department of Medicine, ULB, Belgium
2010-2011	**Research Assistant**
	European research project **"ENAROMATIC"**, Agricultural University of Athens, Greece
2007-2009	**Teaching Assistant**
	Lab course: Bioinformatics, Department of Biology, National University of Athens, Greece

Education

2017	**PhD in Bioinformatics**
	IRIBHM, Department of Medicine, ULB, Belgium
2010	**MSc Bioinformatics with Systems Biology (Distinction)**
	Department of Biological Sciences, Birkbeck, University of London, UK
2009	**BSc Biology**
	Departments of Biology, National University of Athens, Greece

Publications in peer-review journals

1. **Fimereli D**, Fumagalli D, Brown D, Gacquer D, Rothé D, Salgado R, Larsimont D, Sotiriou C, Detours V (2017) Genomic hotspots but few recurrent fusion genes in breast cancer. *Genes, Chromosomes and Cancer* (in press)
2. Saiselet, M., Pita, J.M., Augenlicht, A., Dom, G., Tarabichi, M., **Fimereli, D.**, Dumont, J.E., Detours, V. and Maenhaut, C. (2016) miRNA expression and function in thyroid carcinomas: a comparative and critical analysis and a model for other cancers. *Oncotarget*, *7*(32), p.52475-52492.
3. **Fimereli, D.**, Gacquer, D., Fumagalli, D., Salgado, R., Rothé, F., Larsimont, D., Sotiriou, C., Detours, V. (2015). No significant viral transcription detected in whole breast cancer transcriptomes. *BMC cancer*, *15*(1), 147.
4. Le Pennec S, Konopka T, Gacquer D, **Fimereli D**, Tarabichi M, Tomás G, Savagner F, Decaussin-Petrucci M, Trésallet C, Andry G, Larsimont D, Detours V, Maenhaut C. (2015) Intratumor heterogeneity and clonal evolution in an aggressive PTC and matched metastases. *Endocrine-related cancer*, *22*(2), 205-216
5. **Fimereli D.,** Detours V., Konopka T. (2013) TriageTools: tools for partitioning and prioritizing analysis of high-throughput sequencing data. *Nucleic Acids Research* 41 (7)
6. **Fimereli D.,** Tsirigos K., Litou Z.I., Liakopoulos, Th.D., Bagos P.G. and Hamodrakas S.J. (2012) CW-PRED: A HMM-based method for the classification of cell wall-anchored proteins of Gram-positive bacteria.

Springer's Lecture Ntoes in Computer Science / Lecture Notes in Artificial Intelligence series, SETN 2012, 7297, 285-290

Posters in conferences

1. **Fimereli, D.K**, Gacquer, D., Fumagalli, D., Sotiriou, C., Detours, V., Detection of viral sequences in breast cancer samples using while transcriptome sequencing data, 22nd Annual International Conference on Intelligent Systems for Molecular Biology, Boston, USA, 13-15 July 2014
2. **Fimereli, D.K.,** Litou Z.I., Bagos P.G., Hampodrakas S.J., A HMM model for the prediction of cell wall proteins (CWPs) of Gram positive bacteria, 4th Conference of the Hellenic Society of Computational Biology HSCBB09, Athens, Greece, December 18th-20th 2009

Training

2014	EMBO Practical Course, Bioinformatics and genomes analyses, Athens, Greece
2013	CAGE-KID Cancer Genomics Workshop, EBI, Cambridge, UK

Honors and Awards

2016	Fonds Van Buuren Studentship
2015-2016	Hoguet & ULB PhD Studentships
2012-2015	Grant F.R.S.-FNRS-Televie
2011-2012	ULB PhD Studentship
2003-2006	Papadakis Scholarship, National University of Athens

Programming skills

Operating systems	Linux, MacOSX, Windows
Programming	R, Perl, HTML/CSS
Databases	MySQL

Languages

Greek	Native
English	Fluent in speaking, writing, reading
French	Good in reading, speaking
German	Basic