

## **SMuFin2: generating and implementing new and more efficient search engines integrated in particular hardware architectures**

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Mercè Planas Fèlix: I was born in Barcelona in 1988. I received the Bachelors degree in Biology from the “Univeristat Auònoma de Barcelona - UAB”, Barcelona 2012. Then I performed a master in Bioinformatics for Genomics and drug design in UAB,Barcelona 2013. At the same time I was earning my degree, I did a bachelor’s internship and received a grant holder in the Evolutionary group at Genetics and Microbiology department, also I did a Bachelors internship at “Catalan Oncology Institute – ICO” on a Bioinformatics framework. I accomplished the master practices at the Structural Genomics groups led by Marc Marti-Renom at “Centre Nacional d’anàlisi genòmic - CNAG”. Since September 2013 I am doing my PhD in Biomedicine (Bioinformatics) at Computational genomics group led by David Torrents at the BSC with a La Caixa fellowship. My thesis is involved in the improvement of SMUFIN generating and implementing new and more efficient search engines integrated in particular hardware architectures.