

SKILLS AND PROJECTS

Research	Polymerase Chain Reaction (PCR), Electrophoresis, Western Blot (WB), Transformation and recombinant protein expression, Immunohistochemistry
Informatics	MS-Office, Matlab, C/C++, Python, JMol, LaTeX, Webots, Statistica, Jahia
Algorithmic	Artificial neural networks, GMM, Markov models, SOM, PCA, PSO, ACO, GA
Bachelor Project (spring 2011)	Experiment in cognitive neurosciences in the LNCO (EPFL) on the effects of body posture on mental rotations of hands and full bodies. This original experiment involved experimental design, subjects recruiting, experimental runs and data analysis by statistical methods. This study succeeded in demonstrating that mental rotations of hands and full bodies are processed using two different cognitive procedures (respectively motor imagery and visual imagery). Graded 6/6. The results of this study have been published in PLoS ONE (2012).

PEER REVIEWED PUBLICATIONS

Ionta S., **Perruchoud D.**, Draganski B., Blanke O. Body context and posture affect mental imagery of hands. *PLoS ONE*. 2012. <http://www.ncbi.nlm.nih.gov/pubmed/22479618>

OTHER INTERESTS AND ACTIVITIES

SV-Travel (2010-2011)	Webmaster and wine sales manager in a student association that organized a study trip in Seoul (Korea) for over 50 students.
Red-Cross	Certificate of Patient Care Associate from the swiss Red-Cross.
Sports:	Table tennis : certificate “Jeunesse et Sport” as trainer level D and C. Football : practiced for 10 years. Ice hockey : practiced for 8 years. Ski, running, rock climbing.
Juggling	