

## Postdoctoral position in immunology. Lyon, France

A post-doctoral position funded by the FINOVI foundation for two to four years is available at the INSERM U851 unit in Lyon, France. Our lab is interested in the differentiation and migration of Natural Killer cells and cytotoxic T cells. We previously identified several genes that were specifically expressed in cytotoxic lymphocytes in both mouse and human, including G-protein coupled receptors. We will study the importance of the identified pathways and genes using a number of approaches including existing knockout and transgenic mice and blocking or stimulatory reagents that can be used in vivo (e.g. antibodies) or in vitro. This position will be open in September 2009 and offers a competitive salary (in the range of 2150 euros per month).

For more information and to apply for this position, please contact Thierry Walzer ([thierrywalzer@gmail.com](mailto:thierrywalzer@gmail.com)). Please include a cover letter addressing your interest in the position along with your resume, summary of your research experience and contact information of two professional references.

### Relevant publications:

1. Chiossone L, Fuseri N, Chaix J, Roth C, Vivier E and **Walzer T**. Maturation of mouse NK cells is a four-stage developmental program that balances proliferation with effector functions. (2009) *Blood*, In press
2. Chaix J, MS Tessmer, K Hoebe, N Fuséri, B Ryffel, M Dalod, L Alexopoulou, B Beutler, L Brossay, E Vivier and **Walzer T**. Priming of Natural Killer cells by Interleukin-18. **Cutting Edge: Journal of Immunology** (2008). 181(3):1627-31
3. **Walzer T**, Chiossone L, Chaix J, Calver A, Carozzo C, Garrigue-Antar L, Jacques Y, Baratin M, Tomasello E, Vivier E. Natural killer cell trafficking in vivo requires a dedicated sphingosine1-phosphate receptor. **Nature Immunology**. (2007) Dec; 8(12):1337-44.
4. **Walzer T**, Blery M, Chaix J, Fuseri N, Chasson L, Robbins SH, Jaeger S, Andre P, Gauthier L, Chemin K, Dalod M, Imbert J, Pierres M, Moretta A, Romagne F, Vivier E. Identification, activation, and selective in vivo ablation of mouse NK cells via NKp46. **Proceedings of the National Academy of Sciences U S A**. (2007) Feb 27;104(9):3384-9.