

Biography of Thierry Meinzel

Born on July 20, 1963

Director of the “Molecular and Structural Bases of the Living Organism” multi-organization thematic institute

Degrees and qualifications

1983-1987: Ecole Normale Supérieure (Cachan)

1986: *Agrégation* (highest teaching qualification in France)

1990: Doctorate from the Ecole Polytechnique

1996: Accreditation to supervise research, Université Paris-Sud 11

Experience

1986-1987: Institut Pasteur, Department of Molecular Biology

1988-2003: Teacher at the Ecole Polytechnique

1990: 2nd class research officer for the French National Center for Scientific Research (CNRS) (CR2)

1994: 1st class research officer for the CNRS (CR1)

1999-2000: Professor and director of the Molecular Biology module (ENSTA)

1999: ATIP team director, the CNRS campus in Gif-sur-Yvette

2000: 2nd class research director for the CNRS (DR2)

2007: Deputy Scientific Director of “Biological Structures-Pharmacology-Enzymology” (INSB-CNRS)

2008: 1st class research director for the CNRS (DR1)

2008: Head of the “Biology-Health” cluster, Operation Campus de Saclay

2010: CNRS project manager of the “Biology-Health” cluster, Operation Campus de Saclay

Awards

1994: CNRS bronze medal

1999: ATIP blanche from the CNRS

Recent publications (year 2009)

- 1) Bayer, M., Nawy, T., Giglione, C., Galli, M., **Meinzel**, T. & Lukowitz, W. (2009) Paternal control of embryonic patterning in *Arabidopsis thaliana*. *Science*, 323, 1485-1488
- 2) Petit, S., Duroc, Y., Larue, V., Giglione, C., Léon, C., Soulama, C., Denis, A., Dardel, F, **Meinzel**, T. & Artaud, A. (2009) Structure-activity relationship analysis of the peptide deformylase inhibitor 5-bromo-1H-indole-3-acetohydroxamic acid. *ChemMedChem*, 4, 261-275
- 3) Duroc, Y., Giglione, C. & **Meinzel**, T. (2009) Mutations in three distinct loci cause resistance to peptide deformylase inhibitors in *Bacillus subtilis*. *Antimicrob. Agents Chemother.*, 53, 1673-1678
- 4) Mamelli, L., Petit, S., Chevalier, J. Giglione, C., Lieutaud, A. & **Meinzel**, T., Artaud, I. & Pagès, J.-M. (2009) Antibacterial activity of new antibiotic molecules: bypassing the membrane barrier of Gram negative bacteria increases the activity of peptide deformylase inhibitors. *PLoS One* 4: e6443
- 5) Giglione, C., Fioulaine, S. & **Meinzel**, T. (2009) Cotranslational processing mechanisms: towards a dynamic 3D model. *Trends Biochem. Sci.* 34, 417-426
- 6) Frottin, F., Espagne, C., Traverso, J.A., Mauve, C., Valot, B., Lelarge-Trouverie, C., Zivy, M., Noctor, G., **Meinzel**, T., & Giglione, C. (2009). Cotranslational proteolysis dominates glutathione homeostasis to support proper growth and development. *Plant Cell* 21, 3296-3314