

Pascal TREMPAT

Curriculum Vitae

PERSONAL INFORMATION

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Date of birth: 20 April 1976
Nationality: French

WORK EXPERIENCE

- 2008-2013 **P.I R&D Researcher position, Bioviron company**, Bât. Gregor Mendel 2e étage Université Claude Bernard Lyon 1, 16 rue Dubois 69622 Villeurbanne, France
Management of research projects based on Amplicon. Improvement and development of Amplicon technologies and their applications. Long-term expression of Amplicons,
Technical and scientific supervision
- 2004-2008 **Post-doctoral position, “Institut de Génétique et de Biologie Moléculaire et Cellulaire” (IGBMC)**, UMR C7104, Strasbourg, France.
Self-Management of research projects on genetic diseases, DNA transcription and repair: Analysis of the post-translational modifications of nuclear receptors and cofactors during the transcription process in normal and mutant cells; study of epigenetic events
Technical and scientific supervision
Engineering and design of in vitro assays and protocols
Management and Training skills: Technicians
- 2000–2004 **PhD position, Centre de Physiologie Toulouse Purpan (CPTP)**, INSERM U563, Toulouse, France.
Management of research projects on cancers (haematologic diseases and lymphoma): characterization of chromosomal abnormalities and molecular identification of prognostic and therapeutic targets; establishment of SSH library and gene expression profiling on lymphomas by microarrays, molecular identification of chimeric genes in haematological diseases
Scientific Articles, Conferences
Overseeing grant applications
Management and Training skills: Technicians and postgraduate students
- 1999–2000 **Centre Nationale de la Recherche Scientifique (CNRS)**, UPR 2163, Unité de Physiopathologie Cellulaire et Moléculaire, Toulouse France Molecular and Cellular Immunology laboratory, Trainee: Analysis of the T Cell Receptor (TCR) in lymphocytes

EDUCATION

- 2000–2004 **PhD thesis** Paul Sabatier University Toulouse, France. “Centre de Physiologie Toulouse Purpan” (CPTP), Physiology institute of Toulouse Purpan, INSERM U563. PhD supervisor: P Brousset
- 1999–2000 **Postgraduate degree** (1 year) post-master’s degree qualification, Paul Sabatier University, Toulouse France: Immunology of Lymphoid Tumors
- 1998–1999 **Master's degree**, Paul Sabatier University: Cellular Biology and Physiology

SPECIAL SKILLS

- Technical**
- Virology**, Amplicon vector design and production; Human Artificial Chromosome Amplicon
- Cellular Biology** Cell culture, establishment of stable cell lines, FACS, confocal and immunofluorescence microscopy, FISH
- Molecular Biology** Basic genetic and microbiology tools (cloning, mutagenesis, PCR...), Real-Time PCR, RACE-PCR, Primer extension, SSH library, microarrays, *in vitro* transcription/translation, Northern and Southern blotting.
- Biochemistry** Production (E coli, eukaryotic cells, baculovirus system) and purification of proteins (size exclusion, affinity, ion exchange, HPLC chromatographies), pull-down assays, kinase assays, Nucleotide excision repair assays, Western blots, Dot blots, immunoprecipitation, luciferase/ β -galactosidase assay.
- Histology** Standard coloration (H&E) on tissue slides (cryostat, microtome) and immunohistochemistry
- Animal models** Tumour induction in immunodeficient mice (Nude, SCID), swab of organs (lung, liver, spleen)
- Software**
- Bioinformatic tools: Gene Cluster, Gene array, DNA strider, Blast, NTI vector EndNote
- MacOS and Windows, pack Office (Word, Excel, Power point) Adobe illustrator, photoshop and other programs in the office suite
- Languages**
- French Mother tongue
- English Fluent: lived for two months in U.K and worked for 3 years in an international institute with all scientific communication through English
- Spanish Basic knowledge

INTERESTS and ACTIVITIES

- Sport** Badminton: Club badminton Villeneuve
Windsurfing: défi Gruissan (Annual congres)
- Cinema** American independent movies, Asian films

Scientific publications

Gene expression profiling in anaplastic large cell lymphoma and Hodgkin's disease.
Trempat P, Villalva C, Xerri L, Armstrong F, Duplantier MM, Delsol G, Brousset P.
Leuk Lymphoma. 2004 Oct;45(10):2001-6

Differential effects of X-ALK fusion proteins on proliferation, transformation, and invasion properties of NIH3T3 cells.
Armstrong F, Duplantier MM, **Trempat P**, Hieblot C, Lamant L, Espinos E, Racaud-Sultan C, Allouche M, Campo E, Delsol G, Touriol C.
Oncogene. 2004 Aug 12;23(36):6071-82.

In Hodgkin's disease Reed-Sternberg cells and normal B-lymphocytes are infected by related Epstein-Barr virus strains.
Faumont N, **Trempat P**, Brousset P, Delsol G, Meggetto F.
Virus Res. 2004 May;101(2):163-73.

Chronic myeloproliferative disorders with rearrangement of the platelet-derived growth factor alpha receptor: a new clinical target for STI571/Glivec.
Trempat P, Villalva C, Laurent G, Armstrong F, Delsol G, Dastugue N, Brousset P.
Oncogene. 2003 Aug 28;22(36):5702-6.

Evidence for early infection of nonneoplastic natural killer cells by Epstein-Barr virus.
Trempat P, Tabiasco J, Andre P, Faumont N, Meggetto F, Delsol G, Gascoyne RD, Fournie JJ, Vivier E, Brousset P.
J Virol. 2002 Nov;76(21):11139-42.

Isolation of differentially expressed genes in NPM-ALK-positive anaplastic large cell lymphoma.
Villalva C, **Trempat P**, Greenland C, Thomas C, Girard JP, Moebius F, Delsol G, Brousset P.
Br J Haematol. 2002 Sep;118(3):791-8.

Gene expression profiling defines molecular subtypes of classical Hodgkin's disease.
Devillard E, Bertucci F, **Trempat P**, Bouabdallah R, Loriol B, Giaconia A, Brousset P, Granjeaud S, Nguyen C, Birnbaum D, Birg F, Houllatte R, Xerri L.
Oncogene. 2002 May 2;21(19):3095-102.

The assessment of DNA and RNA preservation in liquid based cytology media.
Trempat P, Zenou RC, Brousset P.
Mol Pathol. 2002 Apr;55(2):125

Increased yield of PCR products by addition of T4 gene 32 protein to the SMART PCR cDNA synthesis system.
Villalva C, Touriol C, Seurat P, **Trempat P**, Delsol G, Brousset P.
Biotechniques. 2001 Jul;31(1):81-3, 86.

Gene expression profiling by suppression subtractive hybridization (SSH): a example for its application to the study of lymphomas
Villalva C, **Trempat P**, Zenou RC, Delsol G, Brousset P.
Bull Cancer. 2001 Mar;88(3):315-9. French.