

PUBLICATIONS

-**ECHCHAKIR H**, VERGNON I, BAURAIN JF, CHOUAIB S, COULIE PG, MAMI-CHOUAIB F. An HLA-A2.1-restricted epitope recognized by a CTL clone on human lung carcinoma cells is located in the amino-terminal flanking cryptic peptide encoded by the calcitonin/ α CGRP gene (in preparation).

-POSZEPCZYNSKA-GUIGNE E, SCHIAVON V, D'INCAN M, **ECHCHAKIR H**, MUSETTE P, ORTONNE N, BOUMSELL L, MORETTA A, BENSUSSAN A, BAGOT M. CD158k/KIR3DL2 is a new phenotypic marker of Sezary cells: relevance for the diagnosis and follow-up of Sezary syndrome. *J Invest Dermatol*. 2004.

-DANGLES-MARIE V, **ECHCHAKIR H**, EL BEHI M, RICHON S, THIERY J, VALIDIRE P, MENEZ J, DOROTHEE G, CHOUAIB S, BELLET D, and MAMI-CHOUAIB F. Three dimensional tumor cell defect to activate autologous cytotoxic T lymphocytes is associated with an inefficient antigen presentation correlated with heat shock protein-70 down-regulation. *Cancer Res* 2003.

-THIERY J, DOROTHEE G, HADDADA H, **ECHCHAKIR H**, RICHON C, STANCOU R, VERGNON I, BENARD J, MAMI-CHOUAIB F and CHOUAIB S. Potentiation of tumor cell susceptibility to specific CTL killing by restoration of wild type p53 function: relationship with Fas and granzyme B pathways. *J. Immunol* 2003.

-DOROTHEE G, **ECHCHAKIR H**, LE MAUX CHANSAC B, VERGNON I, MORETTA A, BENSUSSAN A, CHOUAIB S and MAMI-CHOUAIB F. Functional and molecular characterization of a KIR3DL2/p140 expressing tumor-specific cytotoxic T lymphocyte clone infiltrating a human lung carcinoma. *Oncogene* 2003.

-GRISCELLI F, OPOLON P, SAULNIER P, MAMI-CHOUAIB F, GAUTIER E, **ECHCHAKIR H**, ANGEVIN E, LE CHEVALIER T, BATAILLE V, SQUIBAN P, TURSZ T, ESCUDIER B. Recombinant adenovirus shedding after intratumoral gene transfer in lung cancer patients. *Gene Therapy* 2002.

-THIERY J, **ECHCHAKIR H**, DOROTHEE G, AMEYAR-ZAZOUA M, HADDADA H, MAMI-CHOUAIB, CHOUAIB S. Role of p53 in the sensitization of tumor cells to apoptotic cell death. *Molecular Immunology* . 2002; 38(12-13):977-80.

-DOROTHEE G, VERGNON I, MENEZ J, **ECHCHAKIR H**, GRUNENWALD D, KUBIN M, CHOUAIB S and MAMI-CHOUAIB F. Tumor specific regulation of TRAIL expression on human lung carcinoma-infiltrating CD4⁺ T lymphocytes: Modulation of TRAIL-mediated autologous tumor cytotoxicity by IFN α . *J.Immunol* 2002, 169:809-817.

-**ECHCHAKIR H**, DOROTHEE G, VERGNON I, MENEZ J, GRUNENWALD, CHOUAIB S, MAMI-CHOUAIB F. Cytotoxic T lymphocytes directed against a tumor-specific mutated antigen display similar HLA tetramer binding but distinct functional avidity and tissue distribution. *Proc. Natl. Acad. Sci.* 2002, 99:9358-9363.

MAMI-CHOUAIB F, **ECHCHAKIR H**, DOROTHEE G, VERGNON I, CHOUAIB S. Antitumor Cytotoxic T Lymphocyte Response In Human Lung Carcinoma. *Immunol Review* 2002, 188:114-121.

-POSZEPCZYNSKA E, MARTINVALET D, BOULOC A, **ECHCHAKIR H**, WECHSLER J, BECHEREL PA, BOUMSELL L, BENSUSSAN A, BAGOT M. Erythrodermic cutaneous T-cell lymphoma with disseminated pustulosis. Production of high levels of interleukin-8 by tumour cells. *Br. J. Dermatol.* 2001, 144:1073-1079.

-**ECHCHAKIR H**, MAMI-CHOUAIB F, VERGNON I, BAURAIN JF, KARANIKAS V, CHOUAIB S, COULIE P. A point mutation in the α -actinin-4 gene generates an antigenic peptide recognized by autologous cytolytic T lymphocytes on a human lung carcinoma. *Cancer Res* 2001, 61:4078-4083.

-DOROTHEE G, AMEYAR M, BETTAIEB A, VERGNON I, **ECHCHAKIR H**, MEGUERAT S, BOUZIANE M, CHOUAIB S, MAMI-CHOUAIB F. The role of Fas and granule exocytosis pathways in tumor-infiltrating T lymphocyte-induced apoptosis of autologous human lung carcinoma cells. Int. J. Cancer 2001, 91:772-7

-PATUREL-ASSELIN C, MEGHERAT S, VERGNON I, **ECHCHAKIR H**, DOROTHEE G, GAY F, CHOUAIB S, MAMI-CHOUAIB F. The immunosuppressive effect of high dose of human IL-12 on the adoptive transfer of human CTL in autologous lung tumor engrafted into SCID –NOD mice involves IL-10 induction. Cancer 2001,91:113-122.

-**ECHCHAKIR H**, CHOUAIB S, MAMI-CHOUAIB F. Les antigènes associés aux tumeurs humaines. Hématologie. 2001 (Book chapter).

CHOUAIB S, **ECHCHAKIR H**, ANGEVIN E, GUERRA N, KOSMATOPOULOS K, CAIGNARD A, LIM A, BARON V, FERRADINI L, MAMI-CHOUAIB F. L'apport technologique en immuno-oncologie : Des concepts fondamentaux au suivi immunologique des patients. Bulletin du Cancer 2001, 88:733-40. (Book chapter).

-BAGOT M, MARTINVALLET D, **ECHCHAKIR H**, CHABANETTE F, BOUMSELL L, BENSUSSAN A. Functional inhibitory receptors expressed by a cutaneous T cell lymphoma-specific cytolytic clonal T-cell population. J. Invest. Dermatol 2000, 115:994-9.

-POSZEPCZYNSKA E, BAGOT M, **ECHCHAKIR H**, MARTINVALET D, RAMEZ M, CHARUE D, BOUMSELL L, BENSUSSAN A. Functional characterization of an IL-7-dependent CD4+CD8 $\alpha\alpha$ + Th3-type malignant cell line derived from a patient with a cutaneous T-cell lymphoma. Blood. 2000, 96:1056-63.

-GUERRA N, GUILLARD M, ANGEVIN E, **ECHCHAKIR H**, ESCUDIER B, MORETTA A, CHOUAIB S, CAIGNARD A. Killer inhibitory receptor (CD158b) modulates the lytic activity of tumor-specific T lymphocytes infiltrating renal cell carcinomas. Blood 2000, 95:2883-9.

-**ECHCHAKIR H**, BAGOT M, DOROTHEE G, MARTINVALET D, LE GOUVELLO S, BOUMSELL L, CHOUAIB S, BENSUSSAN A, MAMI-CHOUAIB F. Cutaneous T cell lymphoma reactive CD4+ cytotoxic T lymphocyte clones display a Th1 cytokine profile and use a Fas-independent pathway for specific tumor cell lysis. J. Invest. Dermatol. 2000, 115:74-80.

-**ECHCHAKIR H**, VERGNON I, DOROTHEE G, GRUNENWALD D, CHOUAIB S, MAMI-CHOUAIB F. Evidence for in situ expansion of diverse antitumor specific cytotoxic T lymphocyte clones in a human large cell carcinoma of the lung. Int. Immunol. 2000, 12:537-546.

-**ECHCHAKIR H**, PATUREL-ASSELIN C, DOROTHEE G, VERGNON I, GRUNENWALD D, CHOUAIB S, MAMI-CHOUAIB F. Analysis of T cell receptor β chain gene usage in peripheral blood and tumor-infiltrating lymphocytes from human non-small cell lung carcinomas Int. J. Cancer 1999, 81:205-213.

-**ECHCHAKIR H**, BAGOT M, MAMI-CHOUAIB F, CHARUE D, CHOUAIB S, BOUMSELL L, BENSUSSAN A. Isolation of tumor specific proliferative and cytotoxic CD4+ and CD4+/CD8dim+ T cell clones infiltrating a cutaneous T cell lymphoma. Blood. 1998, 91:4331-4341.

-ASSELIN-PATUREL C, **ECHCHAKIR H**, CARAYOL G, GAY F, OPOLOP P, GRUNENWALD D, CHOUAIB S, MAMI-CHOUAIB F. Quantification of cytokine mRNA in human non-small cell lung cancers : Local and peripheral IL-10 overexpression. Int. J. Cancer. 1998, 77:7-12.

-BONAY M, **ECHCHAKIR H**, LECOSSIER D, LAINE P, HERMAN D, HANCE AJ, SOLER P, TAZI A. Characterization of proliferative responses and cytokine mRNA profiles induced by *Vespa* venom in patients with severe reactions to waspstings. Clin. Exp. Immunol. 1997, 109:342-50.