

Publications of Walter Fiers

Online bibliographies

- [in the DMBR bibliography](#)
- [in the UGent bibliography](#)
- [in PubMed](#) (searched for Author = "Fiers W")

Selected publications

Brouckaert, P.G.G., Leroux-Roels, G.G., Guisez, Y., Tavernier, J. & Fiers, W.
In vivo anti-tumour activity of recombinant human and murine TNF, alone and in combination with murine IFN-gamma, on a syngeneic murine melanoma.
Int. J. Cancer 38, 763-769, 1986.



Cauwels, A., Van Molle, W., Janssen, B., Everaerd, B., Huang, P., Fiers, W. & Brouckaert, P.
Protection against TNF-induced lethal shock by soluble guanylate cyclase inhibition requires functional inducible nitric oxide synthase.
Immunity 13, 223-231, 2000.



De Filette, M., Martens, W., Roose, K., Deroo, T., Vervalle, F., Bentahir, M., Vandekerckhove, J., Fiers, W. & Saelens, X.
An Influenza A vaccine based on tetrameric ectodomain of Matrix Protein 2.
J. Biol. Chem. 283, 11382-11387, 2008.



De Filette, M., Min Jou, W., Birkett, A., Lyons, K., Schultz, B., Tonkyro, A., Resch, S. & Fiers, W.
Universal influenza A vaccine: Optimization of M2-based constructs.
Virology 337, 149-161, 2005.



De Wachter, R. & Fiers, W.
Preparative two-dimensional polyacrylamide gel electrophoresis of ³²P-labeled RNA.
Anal. Biochem. 49, 184-197, 1972.



Derynck, R., Content, J., De Clercq, E., Volckaert, G., Tavernier, J., Devos, R. & Fiers, W.
Isolation and structure of a human fibroblast interferon gene.
Nature 285, 542-547, 1980.





Derynck, R., Remaut, E., Saman, E., Stanssens, P., De Clercq, E., Content, J. & Fiers, W.
Expression of human fibroblast interferon gene in *Escherichia coli*.
Nature 287, 193-197, 1980.



Devos, R., Cheroutre, H., Taya, Y., Degrave, W., Van Heuverswyn, H. & Fiers, W.
Molecular cloning of human immune interferon cDNA and its expression in eukaryotic cells.
Nucleic Acids Res. 10, 2487-2501, 1982.



Devos, R., Plaetinck, G., Cheroutre, H., Simons, G., Degrave, W., Tavernier, J., Remaut, E. & Fiers, W.
Molecular cloning of human interleukin 2 cDNA and its expression in *E. coli*.
Nucleic Acids Res. 11, 4307-4323, 1983.



Fang, R., Min Jou, W., Huylebroeck, D., Devos, R. & Fiers, W.
Complete structure of A/duck/Ukraine/63 influenza hemagglutinin gene: Animal virus as progenitor of human H3 Hong Kong 1968 influenza hemagglutinin.
Cell 25, 315-323, 1981.



Fiers, W., Beyaert, R., Declercq, W. & Vandenabeele, P.
More than one way to die: Apoptosis, necrosis and reactive oxygen damage.
Oncogene 18, 7719-7730, 1999.



Fiers, W., Contreras, R., Duerinck, F., Haegeman, G., Iserentant, D., Merregaert, J., Min Jou, W., Molemans, F., Raeymaekers, A., Van den Berghe, A., Volckaert, G. & Ysebaert, M.
Complete nucleotide sequence of bacteriophage MS2 RNA: Primary and secondary structure of the replicase gene.
Nature 260, 500-507, 1976.



Fiers, W., Contreras, R., Haegeman, G., Rogiers, R., Van de Voorde, A., Van Heuverswyn, H., Van Herreweghe, J., Volckaert, G. & Ysebaert, M.
Complete nucleotide sequence of SV40 DNA.
Nature 273, 113-120, 1978.



Fiers, W. & Sinsheimer, R.L.

The structure of the DNA of bacteriophage FX174. III. Ultracentrifugal evidence for a ring structure.
J. Mol. Biol. 5, 424-434, 1962.



Fransen, L., Müller, R., Marmenout, A., Tavernier, J., Van der Heyden, J., Kawashima, E., Chollet, A., Tizard, R., Van Heuverswyn, H., Van Vliet, A., Ruyschaert, M.R. & Fiers, W.
Molecular cloning of mouse tumour necrosis factor cDNA and its eukaryotic expression.
Nucleic Acids Res. 13, 4417-4429, 1985.



Gheysen, D. & Fiers, W.

Expression and excretion of human fibroblast b1 interferon in monkey cells after transfection with a recombinant SV40 plasmid vector.

J. Mol. Appl. Genet. 1, 385-394, 1982.



Haegeman, G., Content, J., Volckaert, G., Derynck, R., Tavernier, J. & Fiers, W.
Structural analysis of the sequence coding for an inducible 26-kDa protein in human fibroblasts.
Eur. J. Biochem. 159, 625-632, 1986.



Haegeman, G. & Fiers, W.

Evidence for 'splicing' of SV40 16S mRNA.

Nature 273, 70-73, 1978.



Min Jou, W., Haegeman, G., Ysebaert, M. & Fiers, W.

Nucleotide sequence of the gene coding for the bacteriophage MS2 coat protein.

Nature 237, 82-88, 1972.



Min Jou, W., Verhoeyen, M., Devos, R., Saman, E., Fang, R., Huylebroeck, D., Fiers, W., Threlfall, G., Barber, C., Carey, N. & Emtage, S.

Complete structure of the hemagglutinin gene from the human influenza A/Victoria/3/75 (H3N2) strain as determined from cloned DNA.

Cell 19, 683-696, 1980.



Neiryneck, S., Deroo, T., Saelens, X., Vanlandschoot, P., Min Jou, W. & Fiers, W.

A universal influenza A vaccine based on the extracellular domain of the M2 protein.

Nature Medicine 5, 1157-1163, 1999.



Remaut, E., De Waele, P., Marmenout, A., Stanssens, P. & Fiers, W.
Functional expression of individual plasmid-coded RNA bacteriophage MS2 genes.
EMBO J. 1, 205-209, 1982.



Schotsaert, M., Ysenbaert, T., Neyt, K., Ibanez, L.I., Bogaert, P., Schepens, B., Lambrecht, B.N., Fiers, W. & Saelens, X.
Natural and long-lasting cellular immune responses against influenza in the M2e-immune host.
Mucosal Immunol., in press, 2012. (Epub 2012 Jul 18)



Steidler, L., Hans, W., Schotte, L., Neirynck, S., Obermeier, F., Falk, W., Fiers, W. & Remaut, E.
Treatment of murine colitis by *Lactococcus lactis* secreting interleukin-10.
Science 289, 1352-1355, 2000.



Van Ostade, X., Tavernier, J., Prangé, T. & Fiers, W.
Localization of the active site of human tumour necrosis factor (hTNF) by mutational analysis.
EMBO J. 10, 827-836, 1991.



Van Ostade, X., Vandenabeele, P., Everaerd, B., Loetscher, H., Gentz, R., Brockhaus, M., Lesslauer, W., Tavernier, J., Brouckaert, P. & Fiers, W.
Human TNF mutants with selective activity on the p55 receptor.
Nature 361, 266-269, 1993.



Vercammen, D., Beyaert, R., Denecker, G., Goossens, V., Van Loo, G., Declercq, W., Grooten, J., Fiers, W. & Vandenabeele, P.
Inhibition of caspases increases the sensitivity of L929 cells to necrosis mediated by tumor necrosis factor.
J. Exp. Med. 187, 1477-1485, 1998.



Verhoeyen, M., Fang, R., Min Jou, W., Devos, R., Huylebroeck, D., Saman, E. & Fiers, W.
Antigenic drift between the haemagglutinin of the Hong Kong influenza strains A/Aichi/2/68 and A/Victoria/3/75.
Nature 286, 771-776, 1980.

