

Annex I

1. Article 3: Quantification of endometriotic lesions in a murine model by fluorimetric and morphometric analyses

Quantification of endometriotic lesions in a murine model by fluorimetric and morphometric analyses

Sylvie Defrère¹, Anne Van Langendonck¹, Reinaldo González Ramos¹, Mathieu Jouret¹, Marcel Mettlen² and Jacques Donnez^{1,3}

¹Department of Gynaecology, Université Catholique de Louvain, Avenue Hippocrate 10, 1200 Brussels and ²CELL Unit, Université Catholique de Louvain and Christian de Duve Institute of Cellular Pathology, 1200 Brussels, Belgium

³To whom correspondence should be addressed. E-mail: donnez@gyne.ucl.ac.be

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Annex II

1. Publications

First author

González Ramos R, Donnez J, Defrère S, Leclercq I, Squifflet J, Lousse JC, Van Langendonck A (2007) Nuclear factor-kappaB (NF-κB) is constitutively activated in peritoneal endometriosis. *Mol Hum Reprod*, in press, advance access on line.

González Ramos R, Van Langendonck A, Defrère S, Lousse JC, Mettlen M, Donnez J (2007) Agents blocking the nuclear factor-kappaB (NF-κB) pathway are effective inhibitors of endometriosis in an *in vivo* experimental model. *Gynecol Obstet Invest*, in press.

Co-author

Defrère S, Van Langendonck A, González Ramos R, Jouret M, Mettlen M, Donnez J (2006) Quantification of endometriotic lesions in a murine model by fluorimetric and morphometric analyses. *Hum Reprod* 21,810-817.

Defrère S, Van Langendonck A, Vaesen S, Jouret M, González Ramos R, Gonzalez D, Donnez J (2006) Iron overload enhances epithelial cell proliferation in endometriotic lesions induced in a murine model. *Hum Reprod* 21,2810-2816.

Defrère S, Van Langendonck A, Moulin P, Befahy P, González Ramos R, Lousse JC, Donnez J (2007) Expression of intercellular adhesion molecule (ICAM)-1 and vascular cell adhesion molecule (VCAM)-1 in human endometrial stromal and epithelial cells is regulated by interferon-gamma (IFN-γ) but not iron. *Gynecol Obstet Invest*, accepted.

Lousse JC, Van Langendonck A, González Ramos R, Defrère S, Renkin E, Donnez J. Increased activation of nuclear factor-kappaB (NF-κB) in isolated peritoneal macrophages of patients with endometriosis. *Fertil Steril*, submitted.

2. Communications

Effect of NF-kB inhibition on the development of endometriosis in a nude mouse model. González Ramos R, Van Langendonckt A, Defrère S, Mettlen M, Donnez J. *9th World Congress on Endometriosis – September 2005, Maastricht*.

Effect of NF-kB inhibition on the development of endometriosis in a nude mouse model. González Ramos R, Van Langendonckt A, Defrère S, Mettlen M, Donnez J. *Signal Transduction Pathways as therapeutic target-Cell Signaling World 2006-Luxembourg*.

Involvement of iron in the development of pelvic endometriotic lesions induced in a murine model. Defrère S, Van Langendonckt A, Vaesen S, Jouret M, González Ramos R, González D, Donnez J. *9th World Congress on Endometriosis-September 2005, Maastricht*.

Fluorimetric and morphometric quantification of endometriotic lesions in a murine model. Defrère S, Van Langendonckt A, González Ramos R, Jouret M, Mettlen M, Donnez J. *9th World Congress on Endometriosis-September 2005, Maastricht*.

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