

# ABSTRACT I

multi-transgenic

Britta Dieckhoff et al.

2008 9 6 2009 1 13

DIGITAL OBJECT IDENTIFIER DOI) 2009.00515

Xenotransplantation 2009; 16: 99-114

背景

multi-transgenic

[porcine endogenous retroviruses PERV ]

PERV

PERV

方法: non-transgenic

single-transgenic, and multi-transgenic

PERV-A,

-B, -C recombinant PERV-A/C

PERV

PERV

PERV

結果

PERV-A -B

181

176

97.2%

PERV-C

64

18

PERV-A/C

PERV

PERV

PERV

particle release

結論 multi-transgenic

PERV

PERV

PERV

ABSTRACT III

CO [carbon monoxide-releasing molecule-3 CORM-3 ]

in vivo in vitro

Marta Vadori et al.

2008 9 19 2009 3 5

DIGITAL OBJECT IDENTIFIER DOI) 2009.00521

背景

CO

carbonyl CO carrier

CORM-3

[porcine aortic endothelial cells PAEC ]

[peripheral blood mononuclear cells PBMC ]

in vitro

pharmacotolerance

方法 in vitro PAEC PBMC CORM-3 20~1000 $\mu$  m 24

48 72 CFSE

conA [tumor necrosis factor alpha TNF- ] Concanavalin A

PBMC Caspase-3 and -7 CORM-3

in vivo CORM-3 i.v. 4 mg/kg

30 CORM-3

species-specific ELISA LPS PBMC TNF-

1

結果 500 $\mu$  m CORM-3 PAEC PBMC in vitro

300 $\mu$  m 500 $\mu$  m PAEC

50 $\mu$  m conA

IC50 of 345.8+\_51.9 $\mu$  m PBMC

CO

200 $\mu$  m 500 $\mu$  m CORM-3 caspase-3 and -7

TNF IC50 332.8+\_33.9 $\mu$  m in vivo

TNF-

結論

CORM-3

**ABSTRACT** 

incremental

incremental

compliance

Pei-jun Wang et al.

Yun-yung Medical College, Shiyan,

DIGITAL OBJECT IDENTIFIER DOI) 2008.00505

Xenotransplantation 2009; 16: 5-10

背景

lucid rates

方法

1

2

3

4

5

6

n=6 per month

[incremental modulus  $E_{inc}$ ] longitudinal incremental modulus

$E_p$  circumferential incremental modulus  $E_v$  incremental [compliance

$C$ ] pressure-diameter curves

結果

incremental modulus pressure strain modulus

volume modulus

$P < 0.01$

$P < 0.01$

結論

**ABSTRACT** IV

68

Hyung Kim et al.

Jongno-gu

2008 9 16 2008 12 5

DIGITAL OBJECT IDENTIFIER (DOI) 2008.00504

Xenotransplantation 2009; 16: 11-18

背景

[specific-pathogen-free SPF ]

方法

68 SPF

analysis

density

cold

total islet equivalents IEQ) 1

equivalents IEQ/g

isolation index

islet recovery rate

visual grade

islet

isolation yield

predictors

P<0.05

結果 : median IEQ/g

IEQ values

n = 34

n = 34

2

ABSTRACT V











