

**Therapeutic potential of fibrinogen  $\gamma$ -chain peptide-coated, ADP-encapsulated liposomes as a hemostatic adjuvant for post-cardiopulmonary bypass coagulopathy**

Osamu Ishida, Kohsuke Hagsawa, Nozomu Yamanaka, Koji Tsutsumi, Hidenori Suzuki, Shinji Takeoka and Manabu Kinoshita

## Results of evaluation for characteristics of H12-ADP-liposome

Liposome composition (molar ratio)					
DPPC/Cholesterol/DHSG/PEG-DSPE/H12-PEG-Glu2C18 = 5.000/5.066/1.157/0.022/0.042					
Size (nm)	$\zeta$ potential (mV)	ADP concentration (mg/mL)		H12-PEG-Glu2C18 (mg/mL)	Endotoxin (EU/mL)
		inside of liposomes	outside of liposomes		
153±42	-10.3±1.0	0.066	0.001	0.637	<3.1

(Total lipid concentration: 20 mg/mL) (n = 3, triplicated)