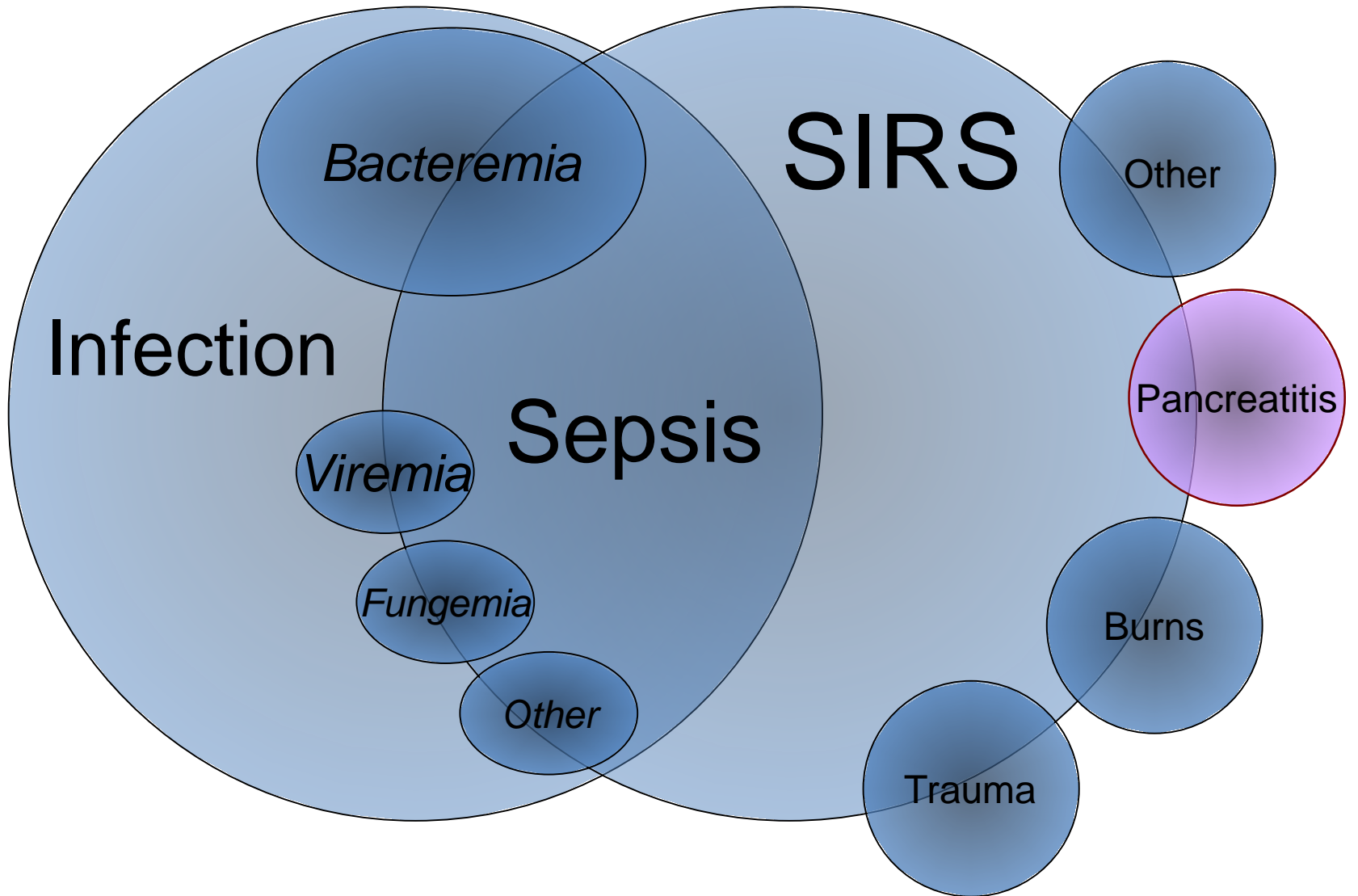
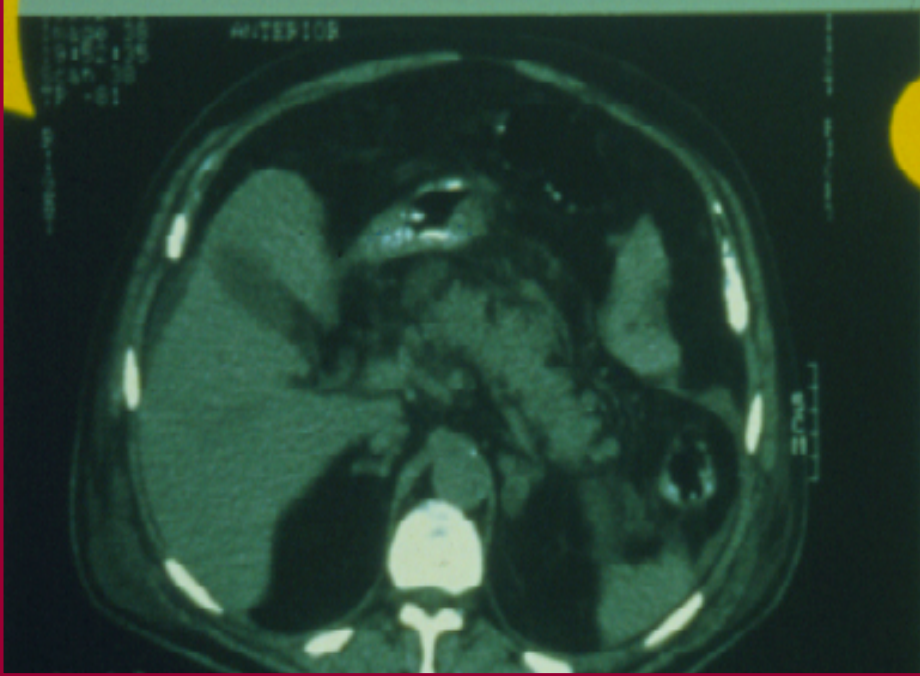
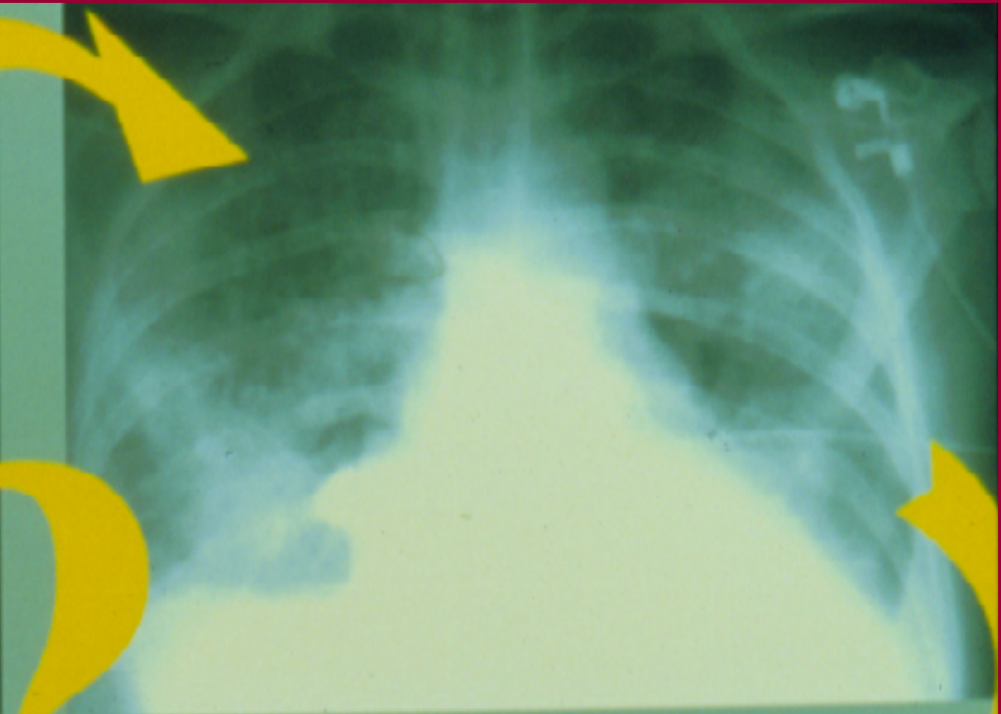
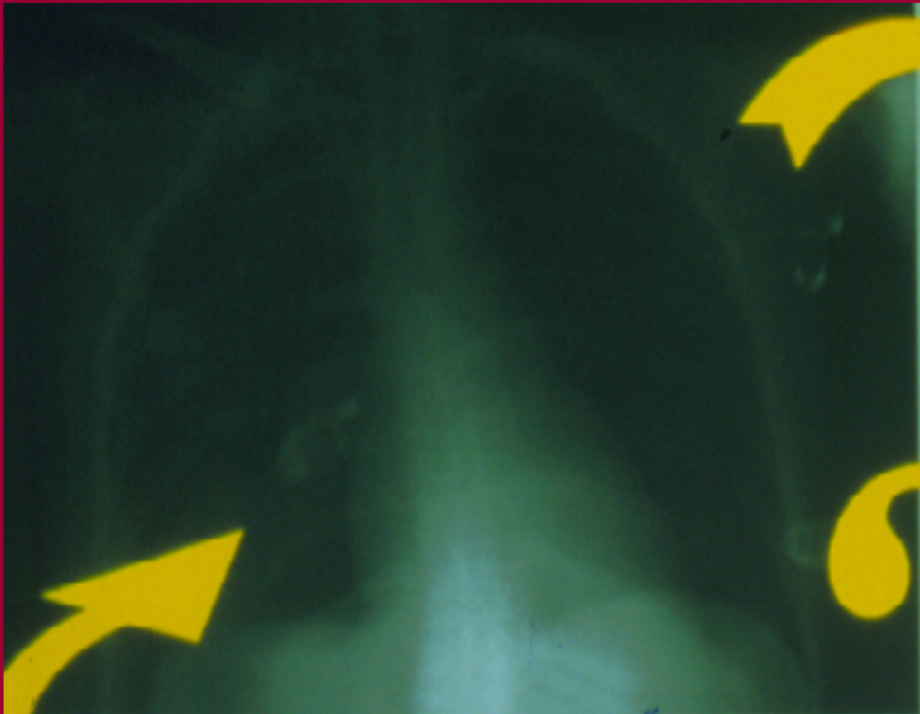
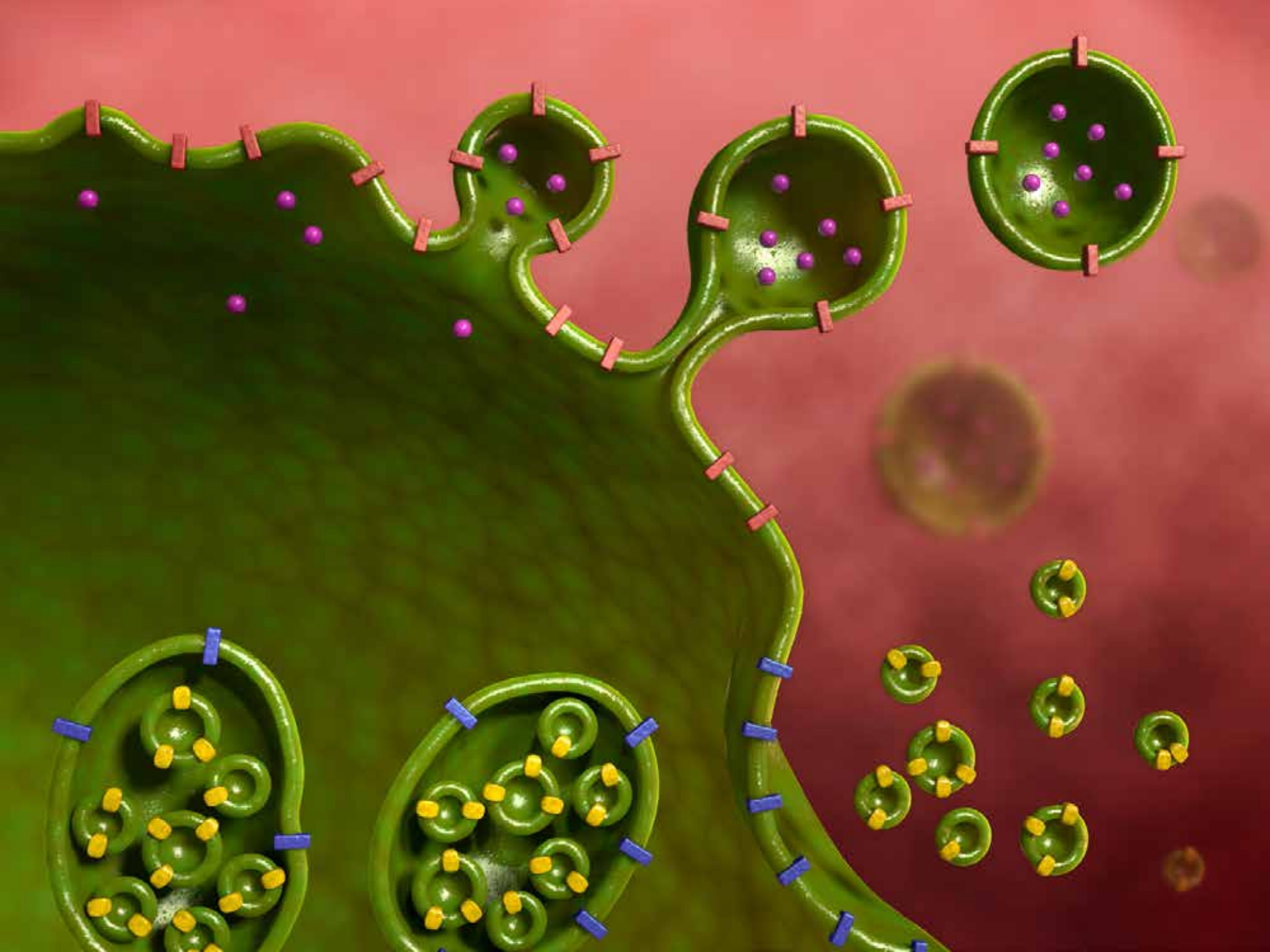


Paper dels exosomes en la inflamació sistèmica associada a la pancreatitis aguda

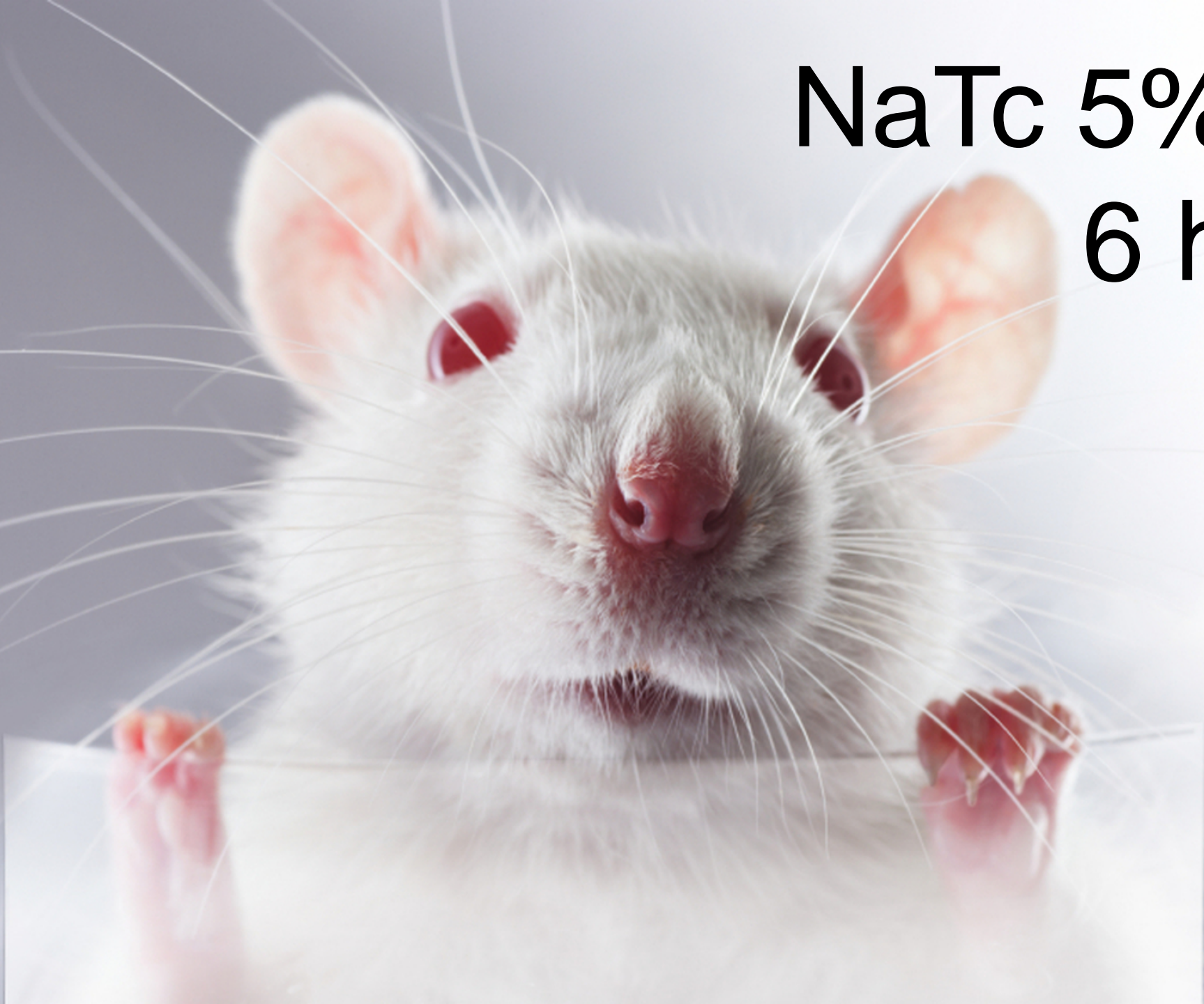
Laia Bonjoch, Vanessa Casas, Montserrat Carrascal, Daniel Closa
Institut d'Investigacions Biomèdiques de Barcelona (IIBB-CSIC-IDIBAPS)



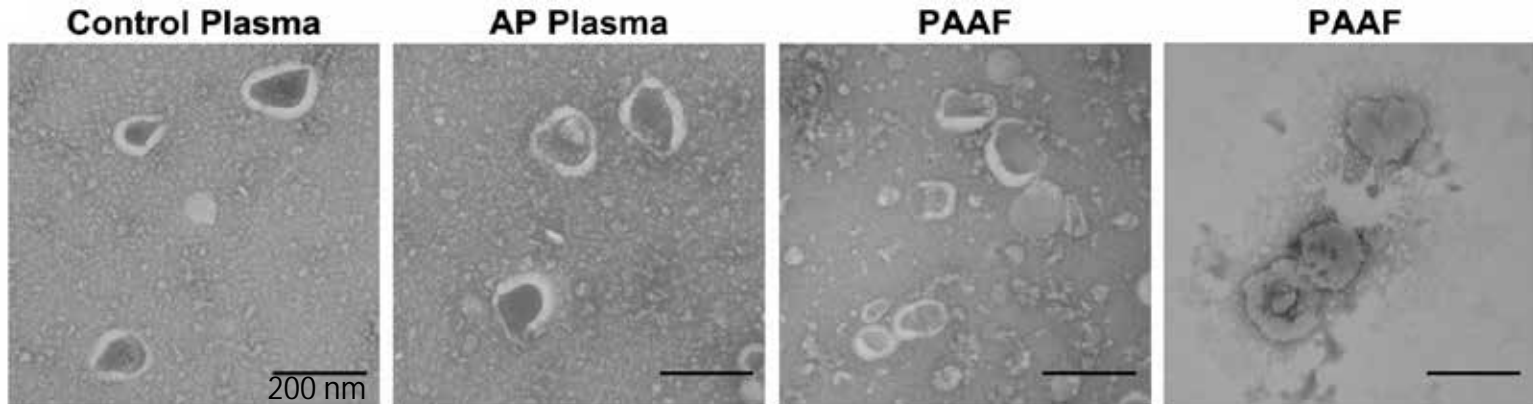
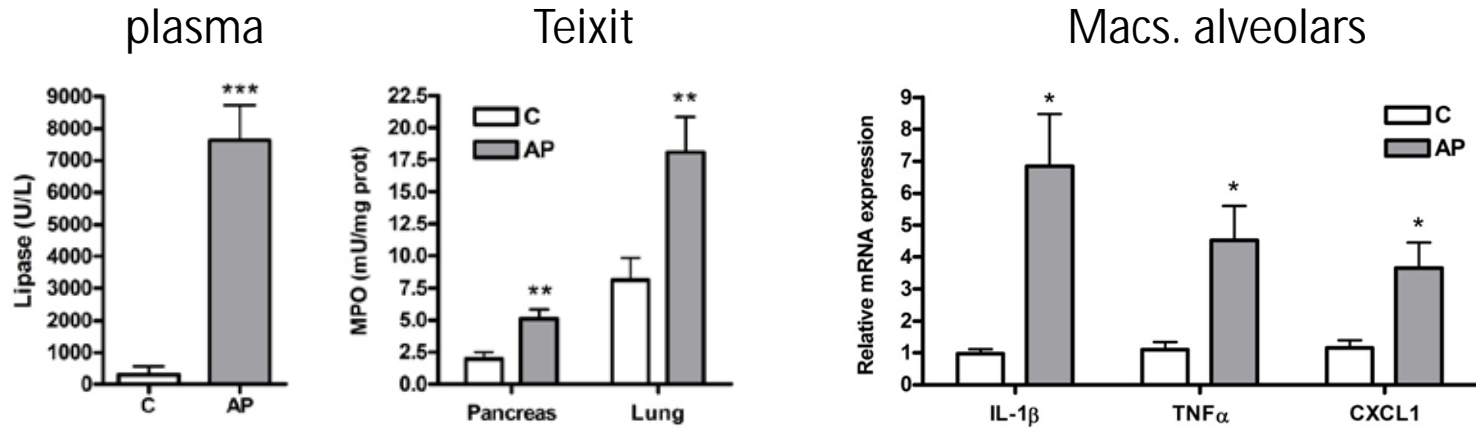




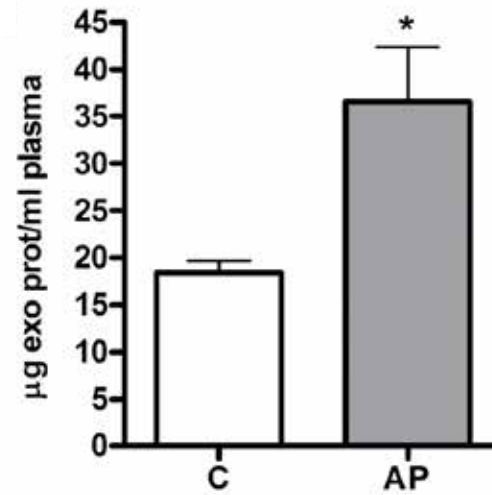
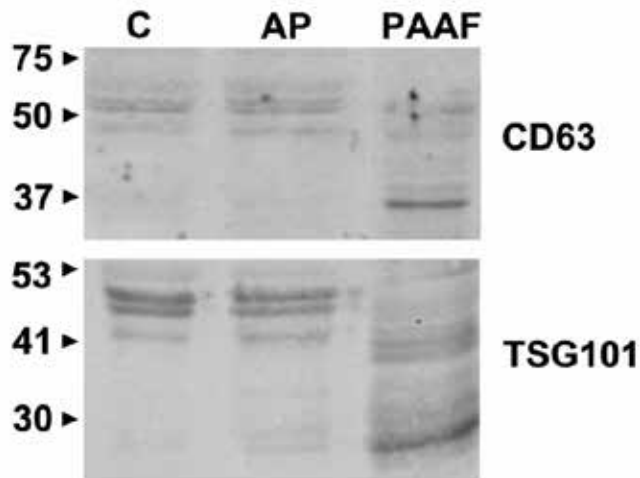
NaTc 5%
6 h



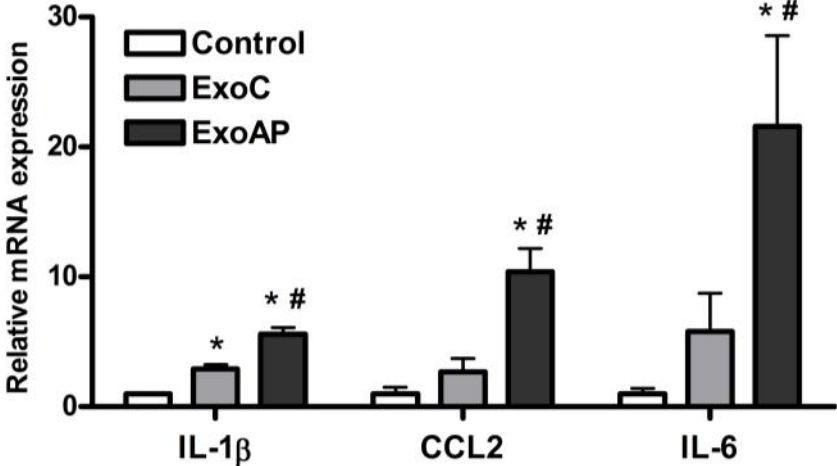
Generació d'exosomes durant la pancreatitis

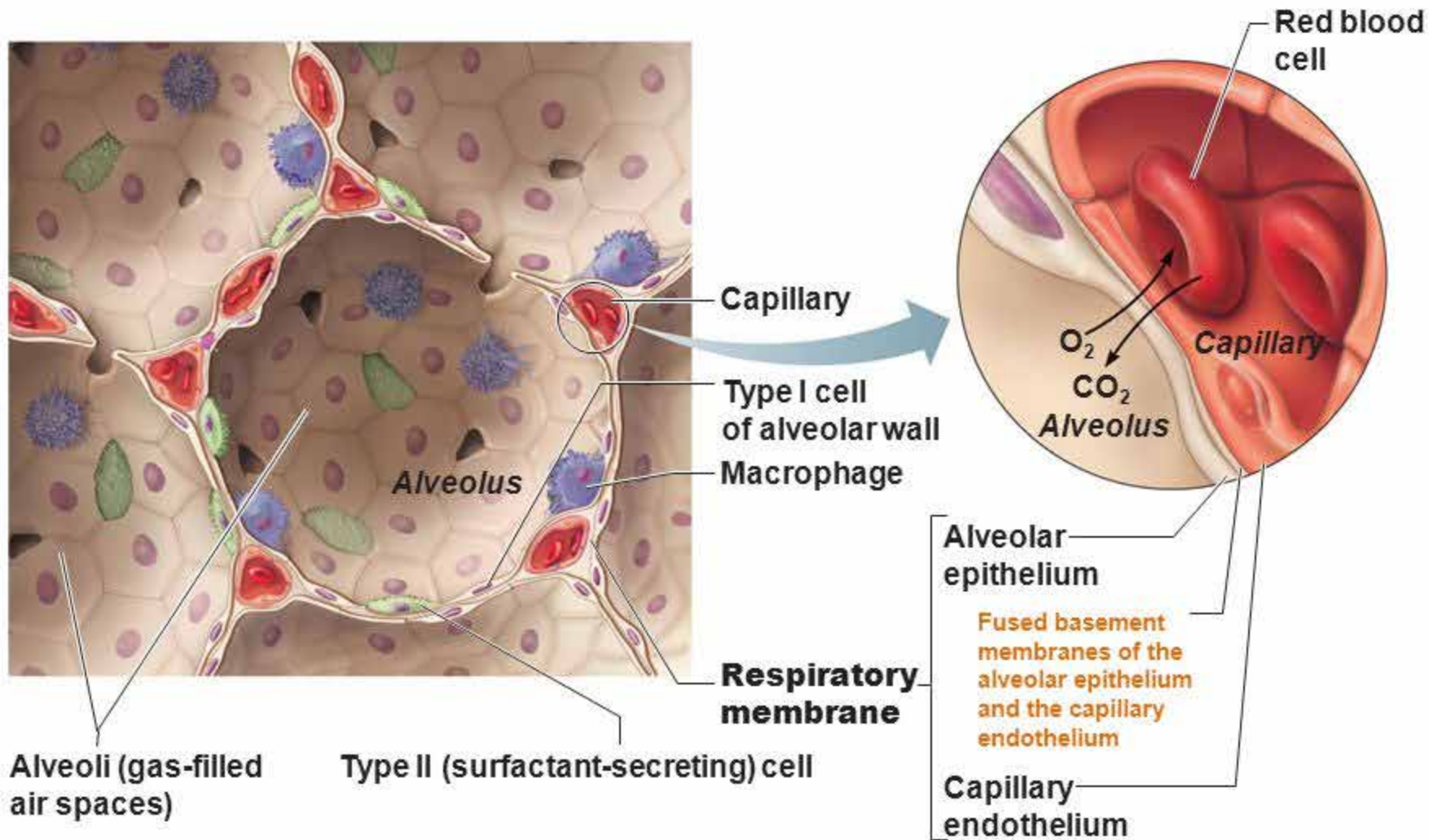


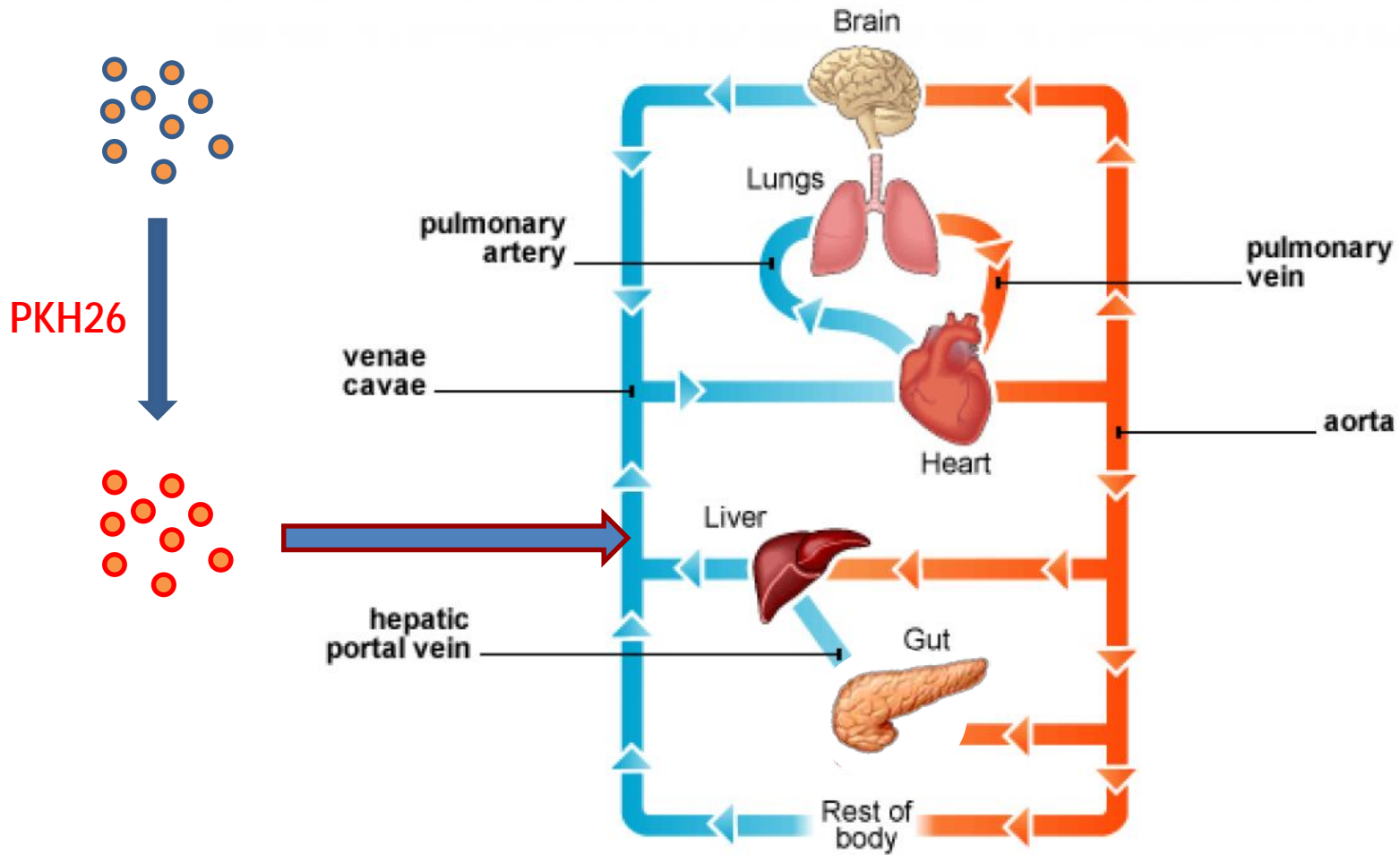
Generació d'exosomes durant la pancreatitis



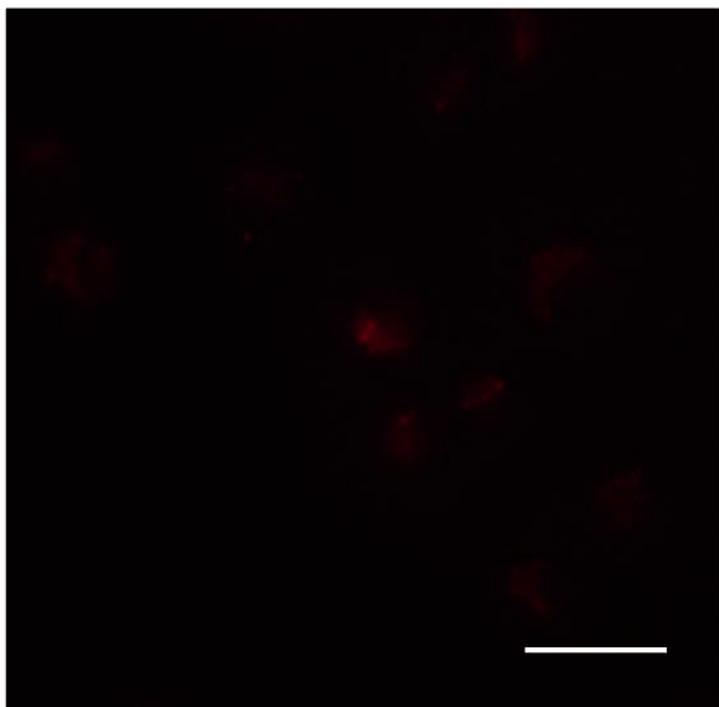
Exosomes de pancreatitis activen als macròfags



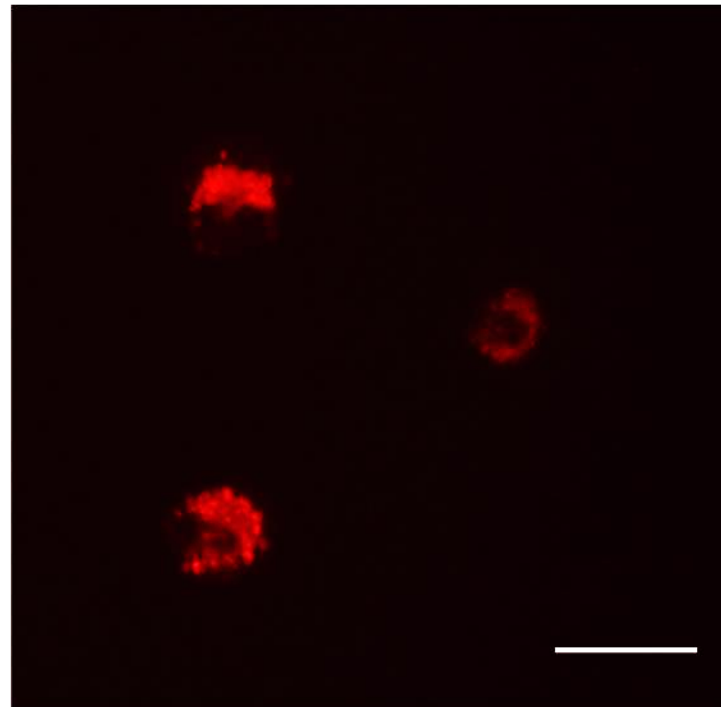




PBS

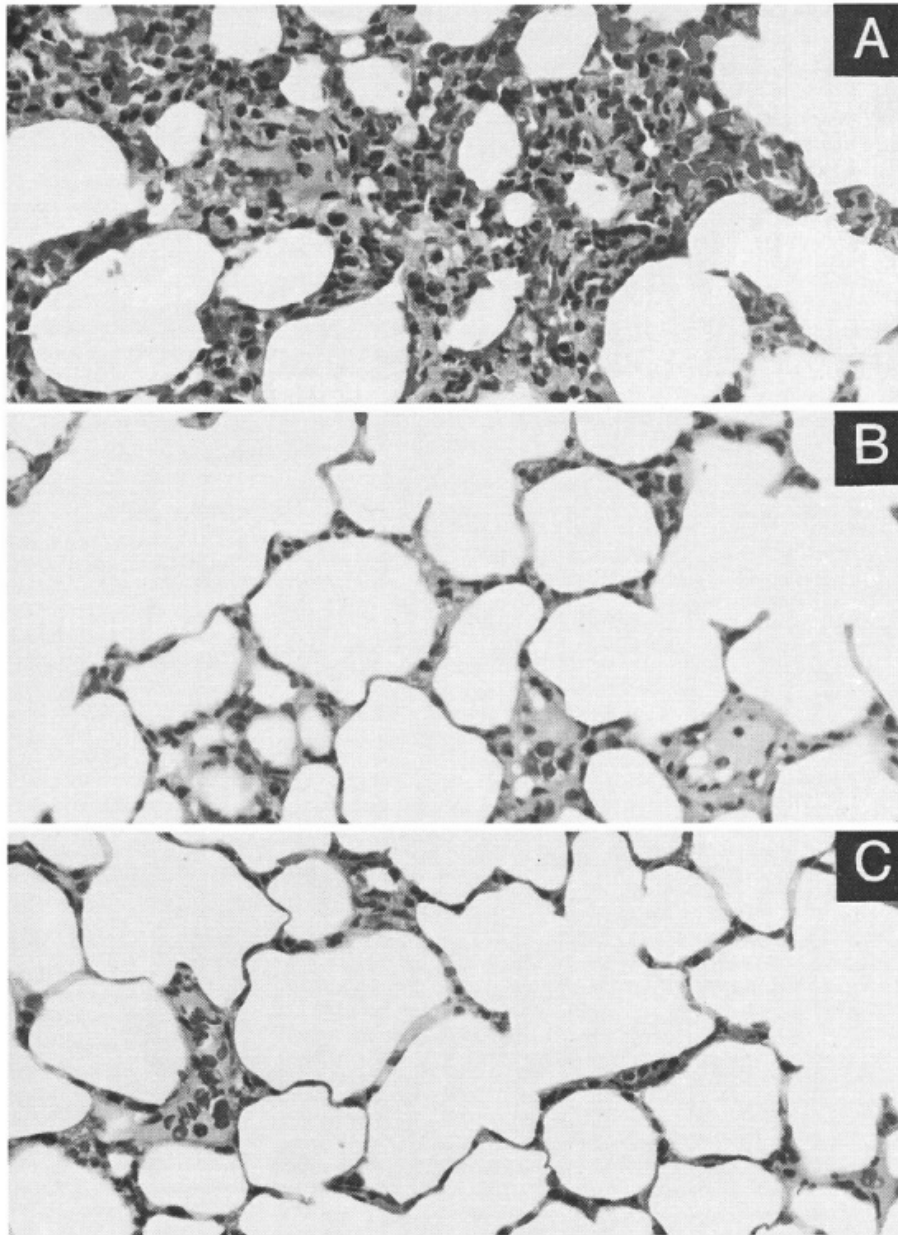


ExoAP-PKH26



Protein	Biological function	Origin	Ratio	P value
Embigin	Cell adhesion, lactate transport	Immune system	6,98	4,68E-04
Carbonic anhydrase 2	Ion transport	Liver, GIT, kidney	5,51	1,60E-03
Protein Hba2	Oxygen transport	Liver, bone marrow	5,27	1,44E-66
Carbonic anhydrase 1	One-carbon metabolic process	Liver, GIT, pancreas	5,14	1,07E-06
Zero β -globin	Oxygen transport	Liver, bone marrow	4,87	4,26E-05
Hemoglobin subunit β -2	Oxygen transport	Liver, bone marrow	4,83	7,19E-15
Anion exchange protein	Ion transport	Kidney, bone marrow	4,45	1,02E-24
Leukocyte surface antigen CD47	Cell migration	Immune system	4,06	2,00E-03
Aquaporin-1	Water transport	Kidney	3,49	8,19E-04
Hbb-b1	Oxygen transport	Liver, bone marrow	3,00	2,01E-08
Protein RGD1565355	Cell adhesion		2,93	1,70E-02
Hemoglobin subunit β -1	Oxygen transport	Liver, bone marrow	2,88	9,65E-23
Mature alpha chain of MHC-I	Immune response	Immune system	2,75	1,65E-04
Rab-10	Protein transport	Immune system	2,65	6,70E-04
Mannose-binding protein C	Immune response	Liver	2,51	1,34E-08
Monocarboxylate transporter 1	Lactate transport	Immune system, GIT	2,37	3,00E-02
Lipopolysaccharide binding protein	Immune response, lipid transport	Liver	2,35	1,32E-03
Keratin, type II cytoskeletal 73	Regulation of mt. degradation		2,23	6,98E-06
Protein tweety homolog	Ion transport	Kidney, saliva	2,06	1,02E-03
Apolipoprotein C-I	Lipid transport	Liver	1,92	2,16E-09
Ficolin-2	Immune response	Immune system	1,76	3,64E-02
Protein Stom			1,75	1,39E-02
S100-A9	Immune response, Chemotaxis	Immune system, GIT	1,75	3,99E-02
Keratin, type II cytoskeletal 2	Keratinization	GIT, skin	1,54	3,25E-04
Apolipoprotein A-II	Lipid transport, immune response	Liver	1,53	1,82E-04
S100-A8	Immune response, Chemotaxis	Immune system	1,53	3,34E-04
Keratin, type I cytoskeletal 10	Keratinization	Skin	1,53	3,76E-10
Pancrin	Protein transport, regeneration	Pancreas, GIT	0,60	1,60E-03
Myosin, heavy polypeptide 9	Endocytosis, calcium transport	Kidney, Immune system	0,59	2,21E-02
Ficolin-1	Immune response	Liver, Immune system	0,54	1,81E-02
Complement component C6	Immune response	Liver	0,49	1,28E-05
Lysil oxidase-like 1 (Loxl1)	Response to lipopolysaccharide		0,47	2,15E-02
Haptoglobin	Acute phase, Immune response	Liver	0,30	7,87E-46

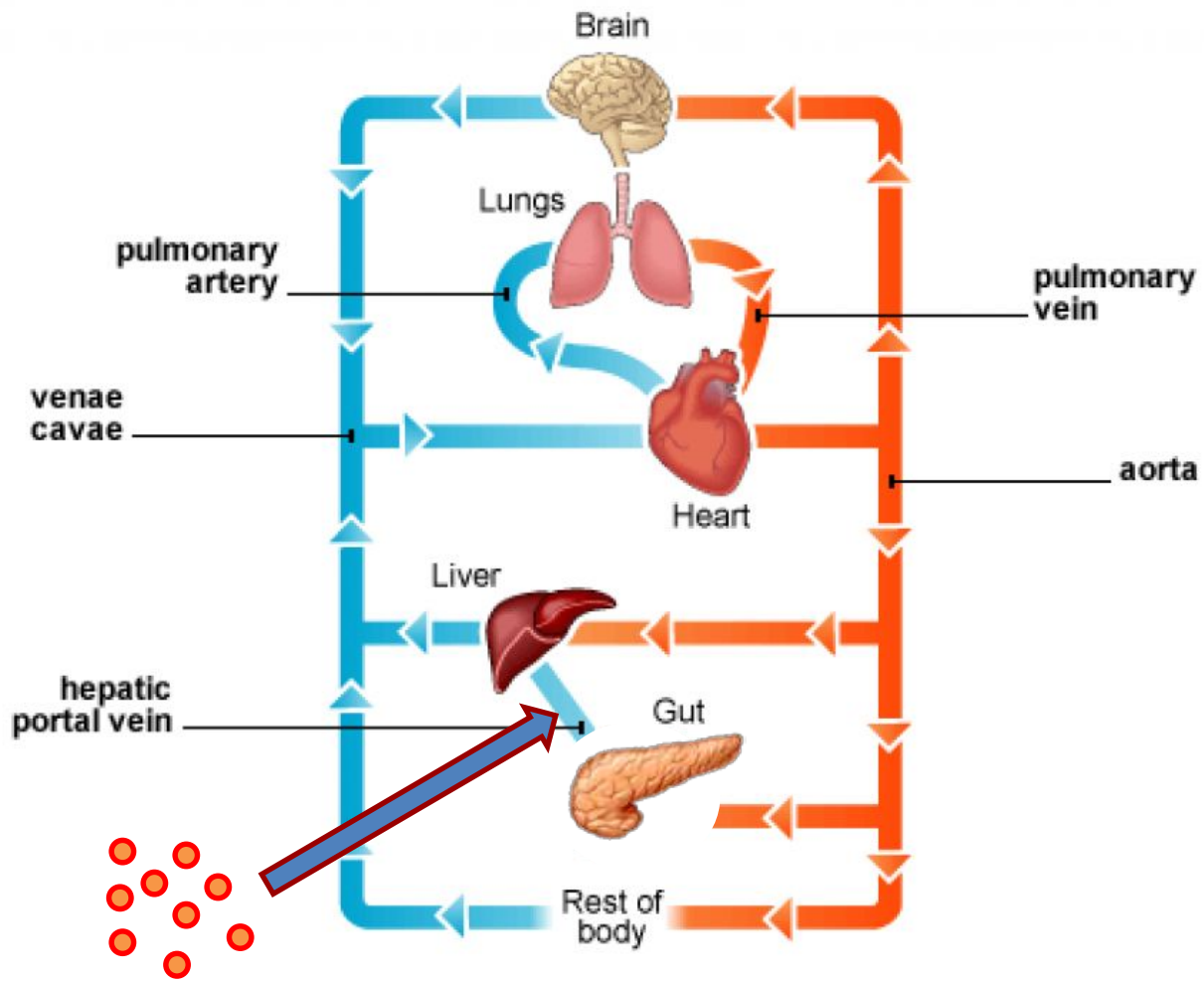
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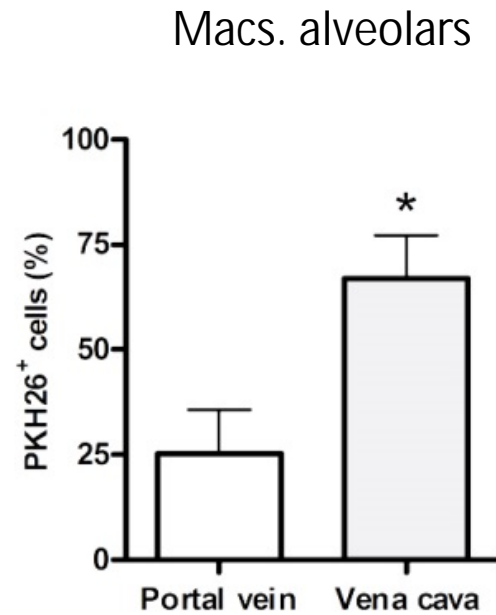
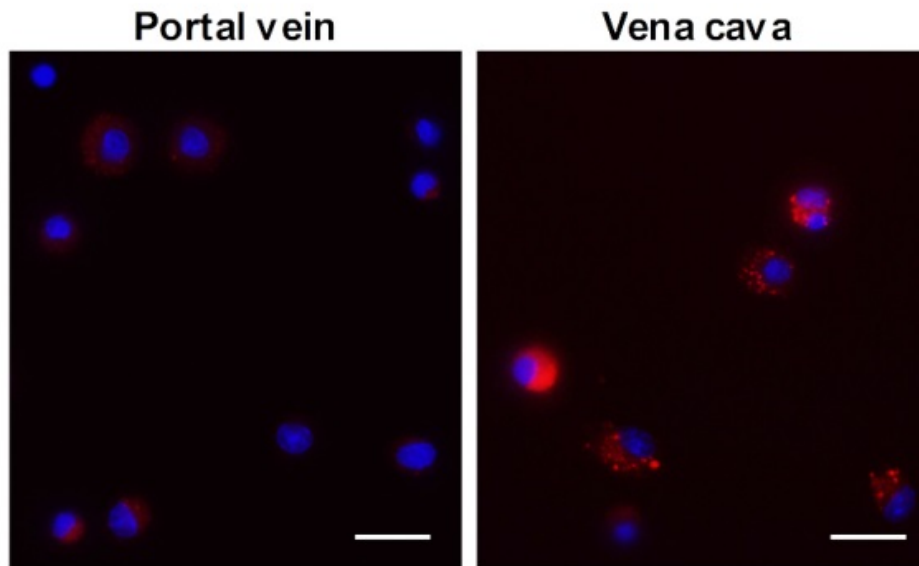
Pancreatitis

Pancreatitis
Portocava

Control



El fetge reté la majoria d'exosomes generats al pàncrees



Cèl·lules de Kupffer

Exosomes

ExoPAAF-PKH26

