

ER and inflammation

Restoration of ER function in hepatocytes upon systemic inflammation; targeted diagnostic and therapeutic approaches

Programm / Ausschreibung	FORPA, Forschungspartnerschaften NATS/Ö-Fonds, FORPA NFTE2013	Status	abgeschlossen
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Keywords			

Projektbeschreibung

Multiple organ failure death upon systemic inflammatory response syndrome (SIRS) have still no reasonable explanation. Our preliminary data suggest that ER dysfunction, so called ER-stress is the major reason for liver failure. In the frame of this study we will clarify the mechanisms leading to ER stress and will try to recognize occurrence of these mechanism from specific IM patterns and influence these mechanisms by means of pharmacological substances in order to prevent the ER-stress and see whether or not this treatment reduces liver damage/hepatocyte dysfunction

Projektpartner

- Ludwig Boltzmann Gesellschaft - Österreichische Vereinigung zur Förderung der wissenschaftlichen Forschung