

Repair mechanisms in abdominal tissue

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Propositions
Accompanying the dissertation

Repair mechanisms in abdominal tissue: Promotion of fascial healing and prevention of intra-abdominal adhesions

Hong Liu, 1 March 2021

1. Over the last centuries, animal testing has solidified its position in the medical world as an accessible replacement for humans in experimental research (this thesis).
2. Despite wound healing of virtually all soft tissues similarly passes through these four healing stages, cells and molecules in fascial healing differ from other specific tissues (this thesis).
3. Glycerophospholipids and gangliosides are strongly involved in the normal healing process of abdominal fascia and their locally changed concentration might be the potential lipid markers and therapeutic targets of fascial healing (this thesis).
4. Macrophage subtype 2 polarization and high *mmp1* expression are associated with adhesion formation (this thesis).
5. The reporting quality regarding abdominal wall hernia repair in animal experiments has been improved much after the publication of ARRIVE-2010 (this thesis).
6. If you want to understand today, you have to search yesterday. Pearl Buck
7. The secret of life is to fall seven times and to get up eight times. Paulo Coelho
8. It always seems impossible until it's done. Nelson Mandela
9. Like water which can clearly mirror the sky and the trees only so long as its surface is undisturbed, the mind can only reflect the true image of the Self when it is tranquil and wholly relaxed. Indra Devi
10. God sleeps in the minerals, awakens in plants, walks in animals, and thinks in man. Arthur Young