



BROKERAGE FOR HEALTH

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session (edit)



“Eliminating Fibrotic Scarring to Enable Tissue
Regeneration”

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Project idea and Expertise



- Fibrotic scarring is the major obstacle to tissue repair and regeneration.
- Specifically, fibrotic scarring alters regeneration of all tissues and organs, regardless of their anatomical location and type of initial trauma; examples include: (i) fibrotic scarring of the skin of burn victims; (ii) formation of neural scars; (iii) scars formed due to myocardial infarction; (iv) formation of adhesions following surgeries to the abdomen; (v) arthrofibrosis after knee replacement; (vi) fibrotic response of damaged tissues to artificial scaffolds and other implants; (vii) scarring of injured cornea.
- Our group has recognized collagen fibrillogenesis as a valid extracellular target to limit excessive scarring; an antibody engineered by our group blocks this process.
- I aim at attracting additional partners interested in eliminating fibrotic scarring that negatively impacts tissue regeneration.



Topic

"Regenerative medicine: from new insights to new applications"

Keywords:

regenerative medicine; fibrosis; biologics



Contact details

Thank you!

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