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# AMWC

17<sup>TH</sup> AESTHETIC & ANTI-AGING  
MEDICINE WORLD CONGRESS

## NONSURGICAL BLEPHAROPLASTY OR SKIN ENHANCEMENT OF PERIORBITAL AREA

### AIM

**Aim:** to prove effectiveness and necessity of skin enhancement before ablation



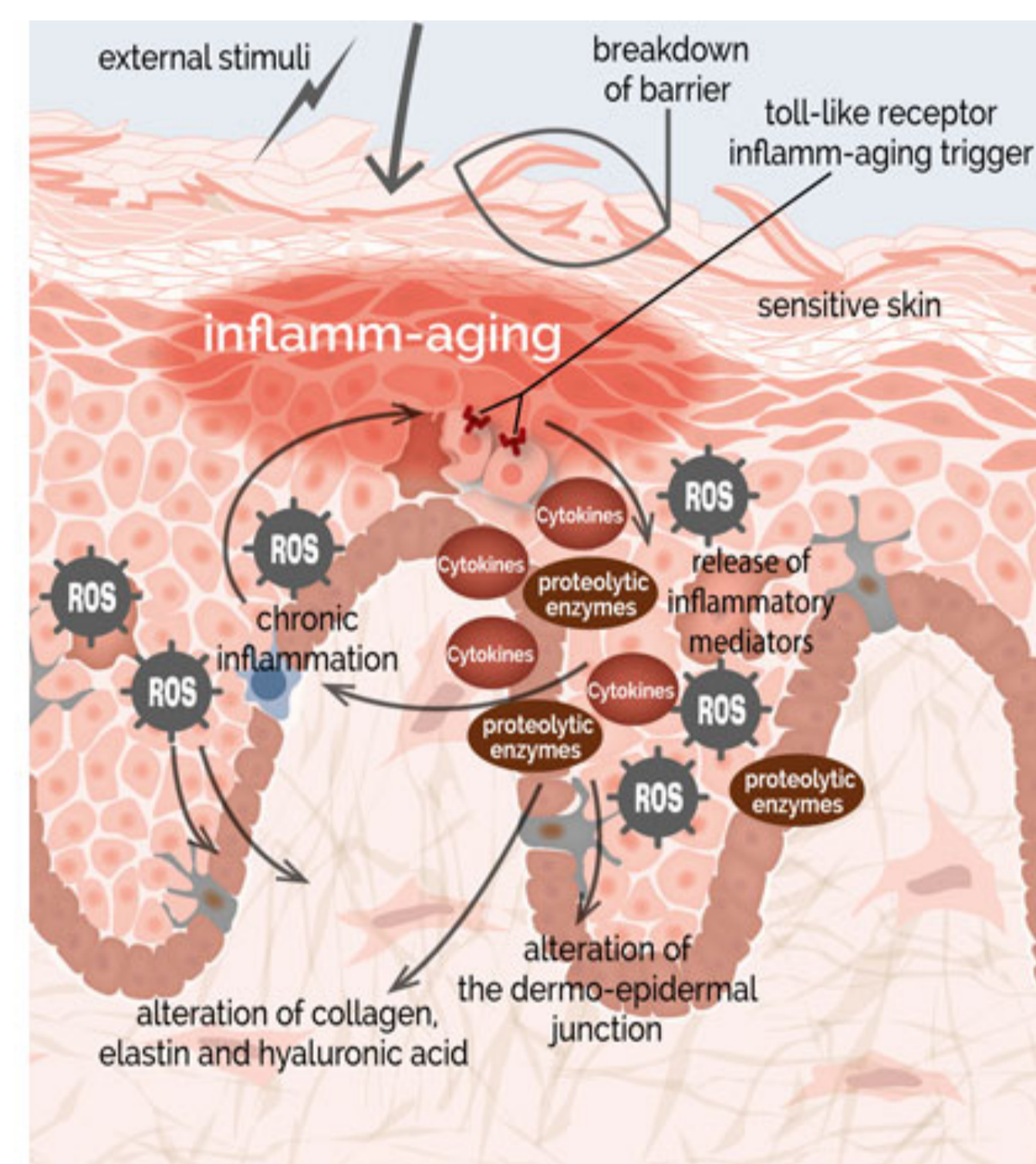
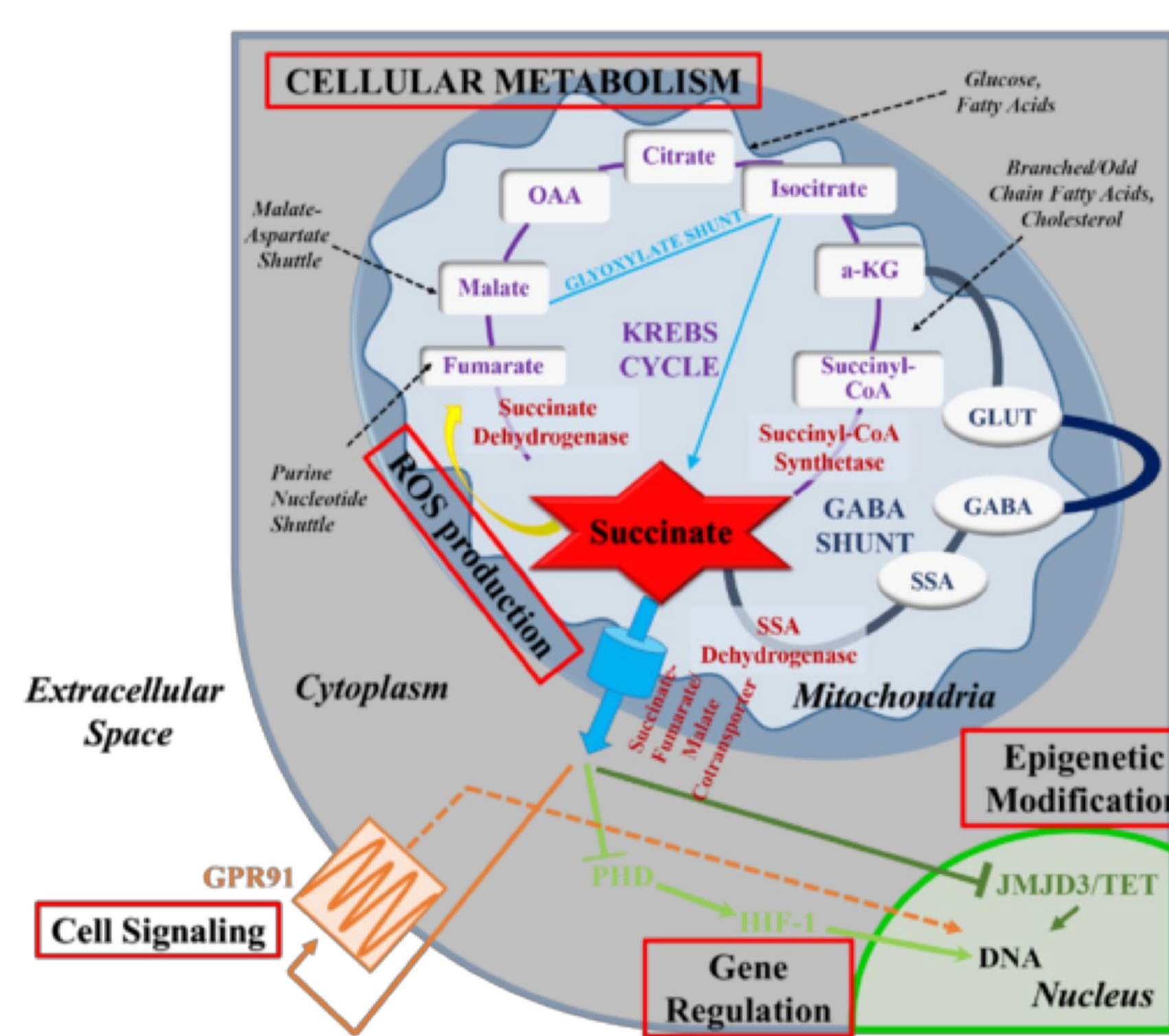
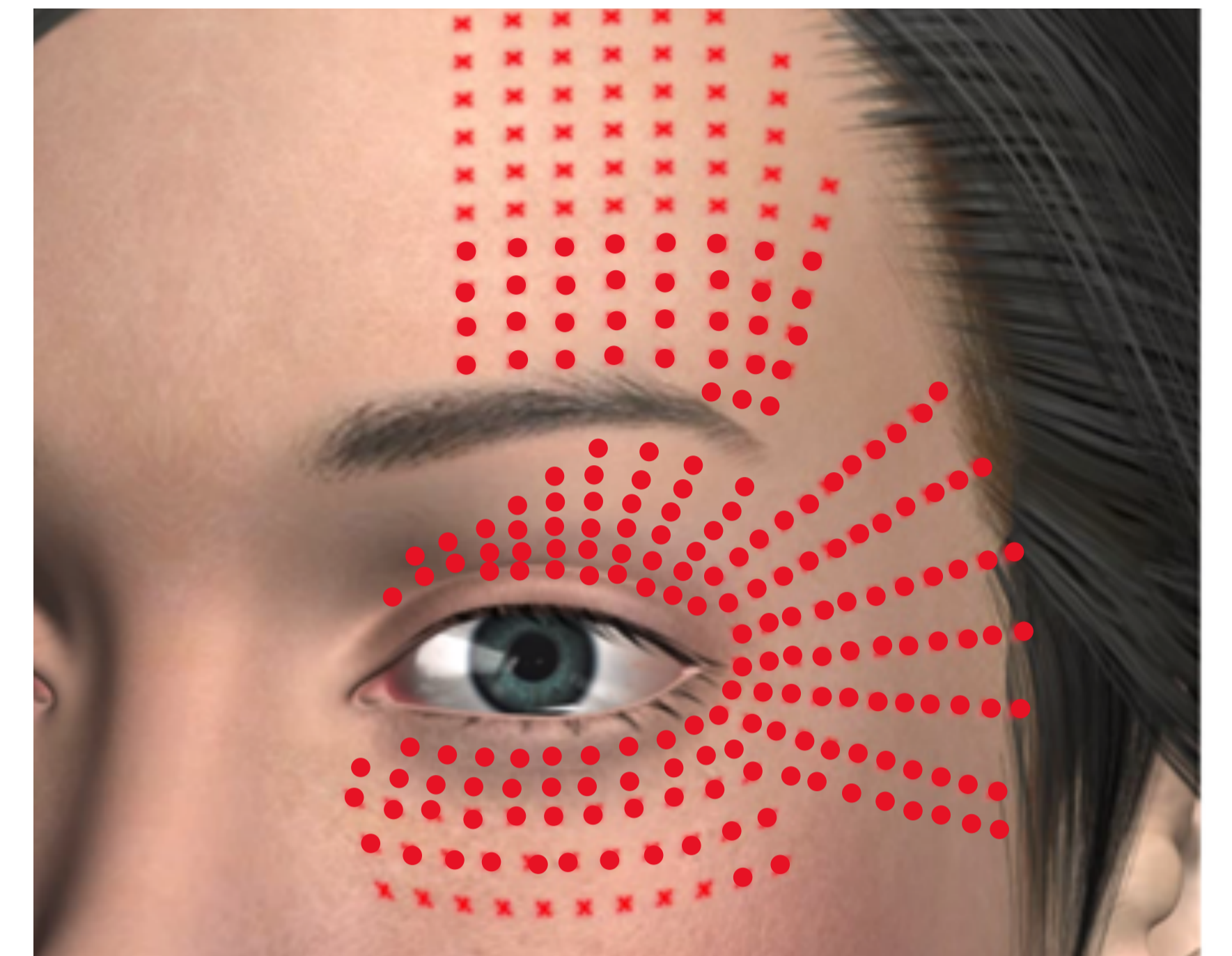
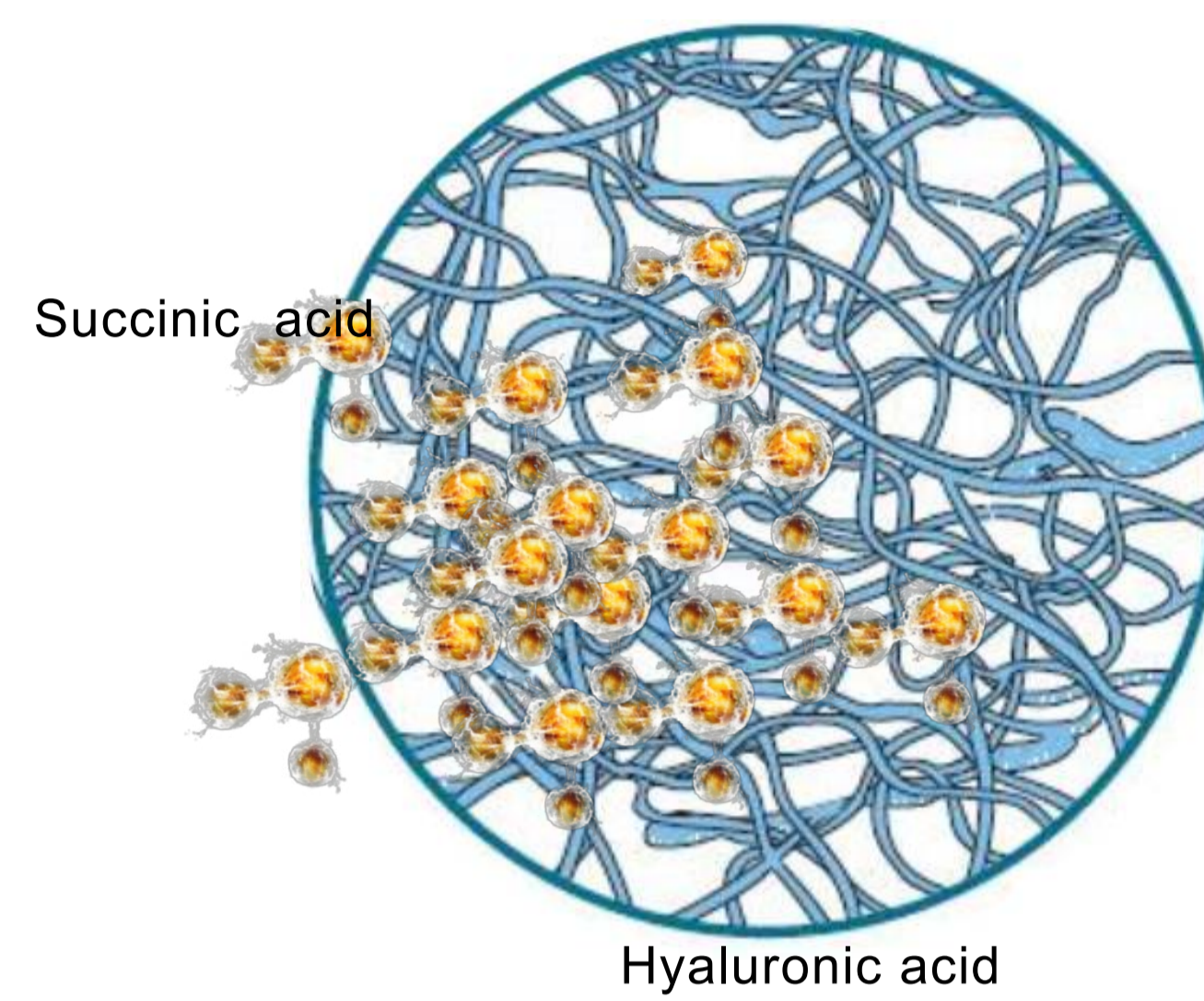
to hydrate skin



to avoid hyperpigmentation, long lasting erythema, minimize swelling



to block premature ageing of skin, chronic inflammation and death of cells



**Methods:** 2 groups (35-50 aged): 1 group A without preparation (10 persons) 2 group B with preparation (10 persons)

- 1 session 11 mg/ml hyaluronic acid and 16 mg/ml succinic acid (group B)
- In 2 weeks 1 session (Group A and B) Laser system Er: Yag 2940 nm fractional mode ablation up to 120 mkm
- In 7-10 days 1 session 18 mg/ml hyaluronic acid and 16 mg/ml succinic acid (Group A and B)

### METHODS

### BACKGROUND

**Background:** Effectiveness of combined treatment of laser ablation and intradermal injections allows to achieve dermis's reconstruction. Complex of hyaluronic acid and Na succinate promotes faster rehabilitation after laser treatment, succinic acid increases the skin response by activating the ATP system and reducing intradermal inflammation, regulating the microcirculation, restoring tissue's oxygenation.



**Results:** in all cases we registered the difference in improvement of skin tone, texture, the skin tightened. It has been noted skin improvement and skin flap reducing. We noticed faster rehabilitation in group B with less edema and no side effects. Patient's satisfaction has increased, because of faster rehabilitation. In both groups satisfaction after treatment was 95%. We also didn't observe side effects in group B and 1 patient in group A has got long lasting erythema after ablation

### RESULTS

### CONCLUSIONS

**Conclusions:** Preparation impacts on skin's ability to recover and influence on inflammaging, reducing proinflammatory cytokines and matrix metalloproteinases. As a result it prolongates life of cells and improves skin quality rehabilitation. It helps to avoid side effects and reduce swelling after laser treatment