

## Our Team of Experts

We are a collaborative and interdisciplinary assembly of scientists with expertise in RNA therapeutics and nanomedicine, as well as preclinical models of skin physiology. We work with academic groups and industry to develop and test novel RNA therapies for dermatological applications.

HOUSTON  
**Methodist**<sup>®</sup>  
LEADING MEDICINE

mRNA THERAPEUTICS  
FOR SKIN REJUVENATION

**Houston Methodist Academic Institute  
Center for RNA Therapeutics**

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**[houstonmethodist.org/rna-therapeutics](https://houstonmethodist.org/rna-therapeutics)  
[houstonmethodist.org/rnacore](https://houstonmethodist.org/rnacore)**

For more information, contact us at:

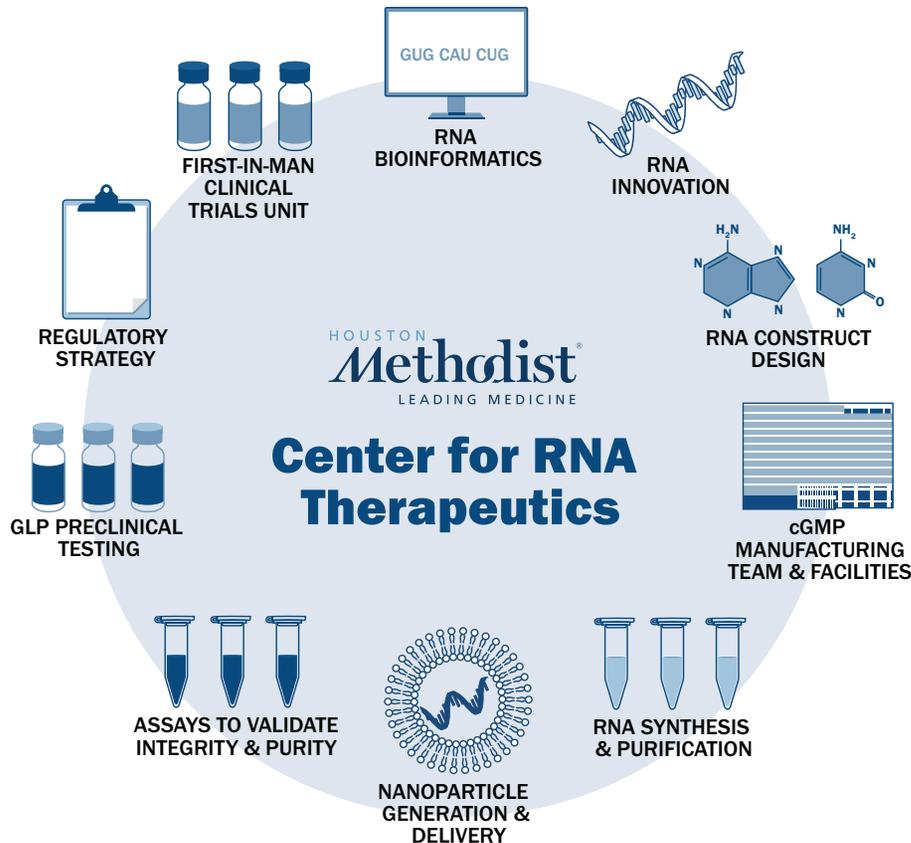
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# Develop, manufacture, and test SKIN-SPECIFIC novel RNA therapies

We assist academic groups and small companies with great ideas about mRNA Therapeutics. We help design or optimize your construct; synthesize, purify and lyophilize; encapsulate into lipid nanoparticles; perform quality control assays; assess expression and function *in vitro* (e.g. cultured human keratinocytes, human skin explants) and conduct preclinical research and GLP models (wound healing; human skin grafts).



## Our Services

- RNA innovation and design
- RNA synthesis and purification
- Nanoparticle designs and encapsulation
- Cell culture and animal models
- Human skin ex-vivo testing
- Proteomic and transcriptional profiling
- GLP small- and large-animal testing
- cGMP RNA generation
- First-in-man and later-stage clinical trials