



# BROKERAGE FOR HEALTH

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Session 1



# BIOMEDICAL RESEARCH

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### Joanneum Research - COREMED

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# COREMED expertise and scientific portfolio



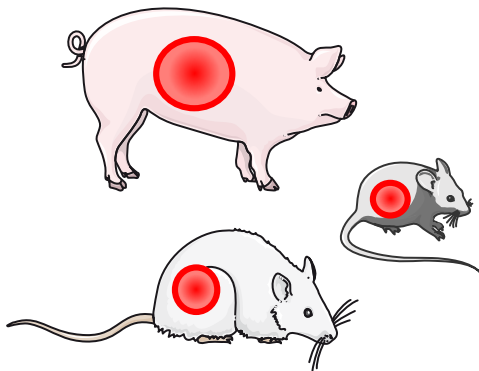
COREMED – Cooperative Centre for Regenerative Medicine incorporates **basic medical research, preclinical and clinical** research.

COREMED has placed a focus on two main research areas (**Wound Healing & Scarring, Skin Aging & Anti-Aging**) and one connecting topic (**Inflammation**) which are investigated in **strong collaboration** with a large **network of experts** from diverse scientific fields, **national and international research facilities** and industry partners.

# Preclinical in-vivo models and translational aspects

- Fast and direct translation from preclinical models to clinical applications

## preclinical - in-vivo



- burns
- skin inflammation
- chronic wounds
- diabetes

## preclinical - ex-vivo

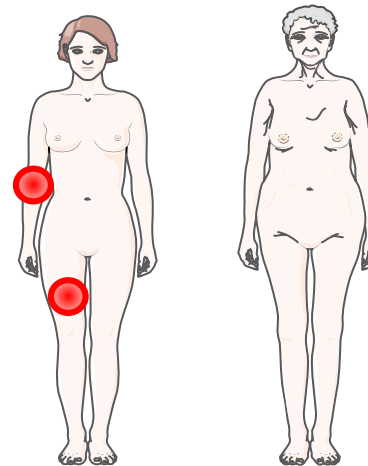


healthy

burn

- burns
- skin inflammation

## clinical applications



- burns
- skin inflammation
- skin aging
- diabetes



# Potential projects and consortia



**All aspects of regenerative medicine with a special focus on skin regeneration, wound healing and inflammation.**

**Our main research areas are:**

- Establish and validate preclinical in-vivo and ex-vivo models to study skin inflammation and regeneration (e.g. chronic wounds)
  - burns/scalding (**Pfurtscheller et al. 2012**), chronic inflammation, chronic wounds, diabetic wounds
  - mouse, rat and swine
- Translation to clinical cohorts of patients with chronic skin inflammation, chronic wounds (diabetic patients), burn patients (**Kamolz LP et al, 2014**)



<https://www.joanneum.at/en/coremed/>



## Contact details



Thank you!

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