

## Temperature as an Indicator of Surgical Site Infection

Mölnlycke, a world leader in wound care and surgical solutions, is seeking **products and solutions that utilize temperature as an indicator of surgical site infection (SSI)**. The team is interested in the detection of SSI associated to superficial incisions, deep incisions or internal organ/tissues affected by surgery. Ideally, solutions should allow **detection of SSI by temperature, regardless of the tissue or surgical site**.



### Approaches of Interest:

- Detection or imaging solutions for remote monitoring temperature at a surgical site
- Computer/AI modelling techniques to identify and assess SSI from temperature data
- Approaches to monitor inflammation using temperature are also of interest, if the approach has potential to be applied to detection of SSI

Submissions should present a high level of insight into temperature as an indicator of SSIs, or novel approaches with **supporting clinical and technical data**. Repurposing/ development of existing thermal detection technologies to identify SSI is of interest.

**Co-indicators of SSI alongside temperature** are also of interest, however temperature is the focus of this campaign.

### Out of Scope:

- Solutions/interventions focused on **management** of temperature, pain or other SSI symptoms. **Monitoring SSI is the focus of this campaign**

### Developmental Stages of Interest:



- Opportunities should have achieved TRL4 with proof-of-concept data

### Submission Information and Opportunity for Collaboration

Submission of one-page, 200–300-word briefs is encouraged, along with any optional supplementary information e.g. relevant publications or patent information. Mölnlycke is open to receiving project proposals which outline how submitters' research/solutions can be developed further, provided the submission matches the above criteria. In submitting to this campaign, you confirm that your submission contains only non-confidential information.

Mölnlycke is open to a range of collaboration opportunities, with the most appropriate outcome being decided on a case-by-case basis. Example outcomes include licensing technologies, project funding, and research collaborations.

### Opportunities sought

-  Technologies
-  Academics and expertise
-  Centres of excellence
-  Research projects
-  Spinout companies
-  Biotech assets

### Submissions

Please submit relevant, non-confidential opportunities to **Karla Schramm** at [kschramm@usf.edu](mailto:kschramm@usf.edu)

Deadline: **20th June 2025 - 4:59 pm GMT**

#### Have any questions?

Contact **Karla Schramm** at [kschramm@usf.edu](mailto:kschramm@usf.edu)



Mölnlycke is a world-leading MedTech company that specialises in sustainable solutions for wound care and surgical procedures. Mölnlycke products and solutions are used daily by hospitals, healthcare providers and patients in over 100 countries around the world.