

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 online [here](#)

Deadline: **23rd June 2025 - 10:59 pm GMT**

Have any questions?

Contact our team at discover@in-part.co.uk