



**Showcasing research from Professor Schuerle's laboratory,
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A fluidic device for continuous on-line inductive sensing of
proteolytic cleavages

Our study introduces a low-cost protease sensor using pulsed magnetic fields for inductive detection. By employing chemical strategies to reduce nonspecific binding and attaching magnetic particles via cleavable linkers, the device achieves sensitive detection of proteolytic activity, demonstrating potential for routine usage in clinical and industrial applications. Copyright holders: Fan Li and Simone Schuerle. The cover artwork was designed with the help of the AI tool Midjourney.

As featured in:



See Simone Schuerle,
Michael G. Christiansen *et al.*,
Lab Chip, 2025, **25**, 500.