minimic

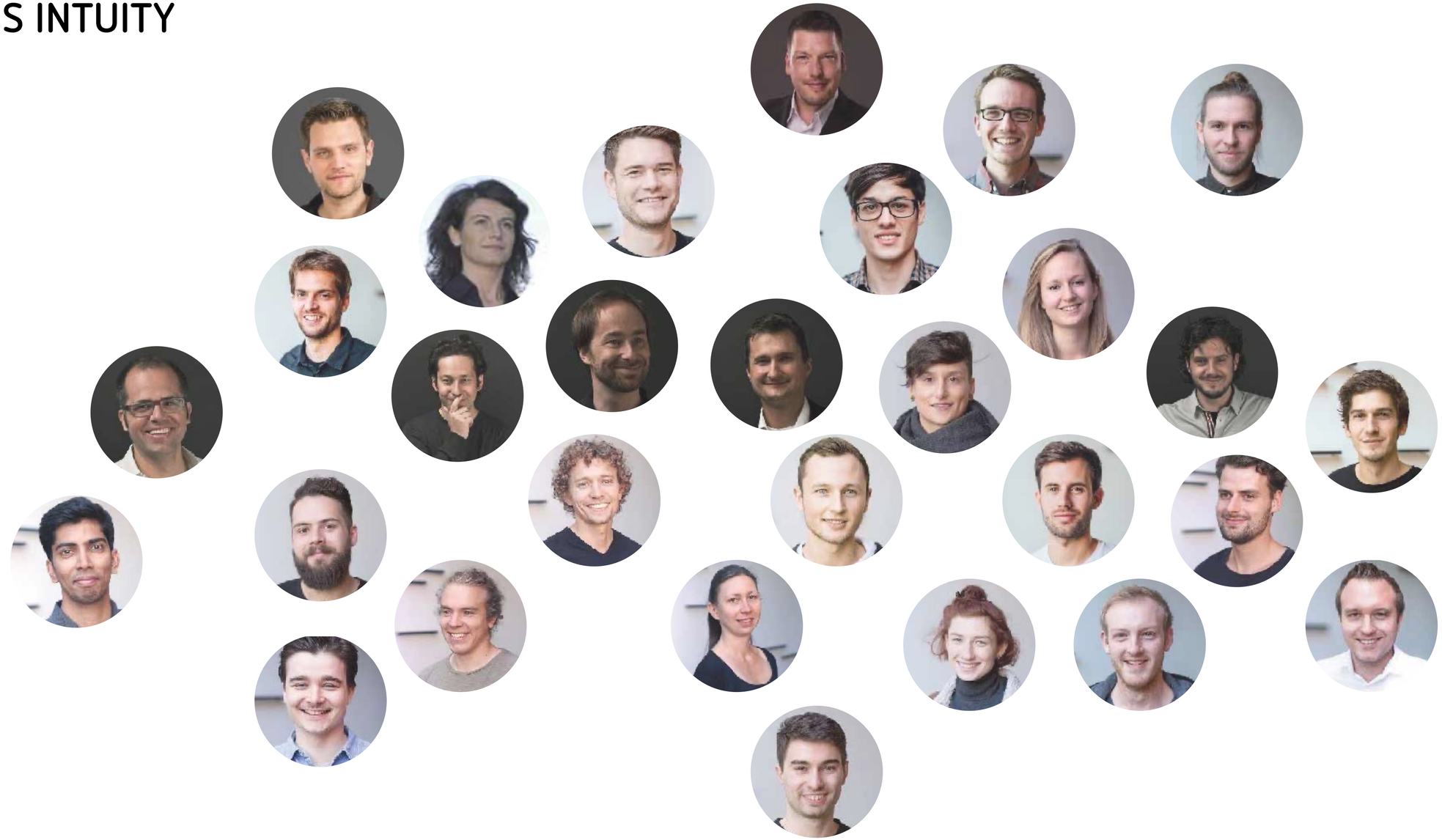
Intelligent Microscopy from Sample to Result.

GERMAN INNOVATION AWARD '19 WINNER

UX DESIGN AWARDS gold 2019

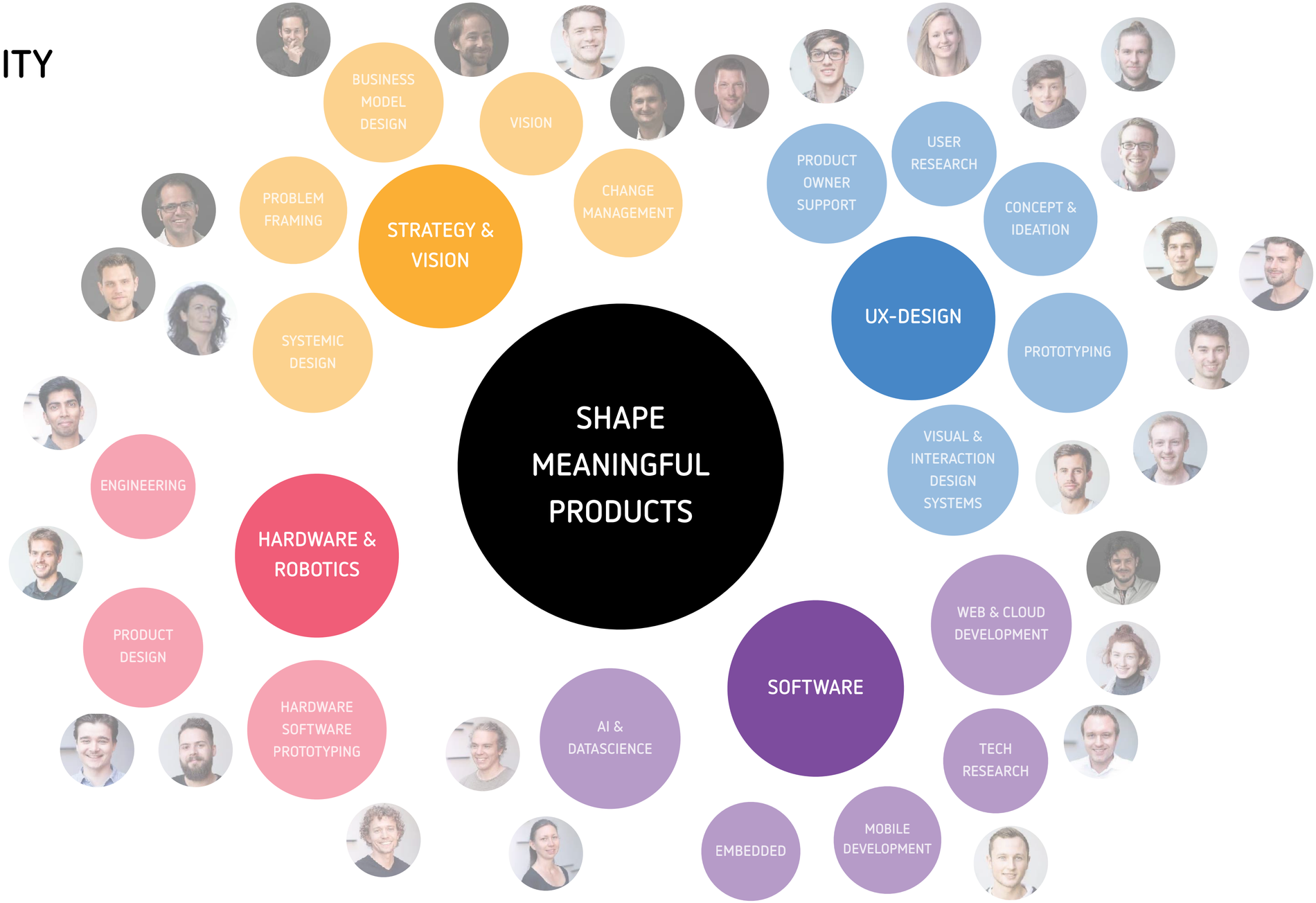
Focus Open 2019 Gold

THIS IS INTUITY



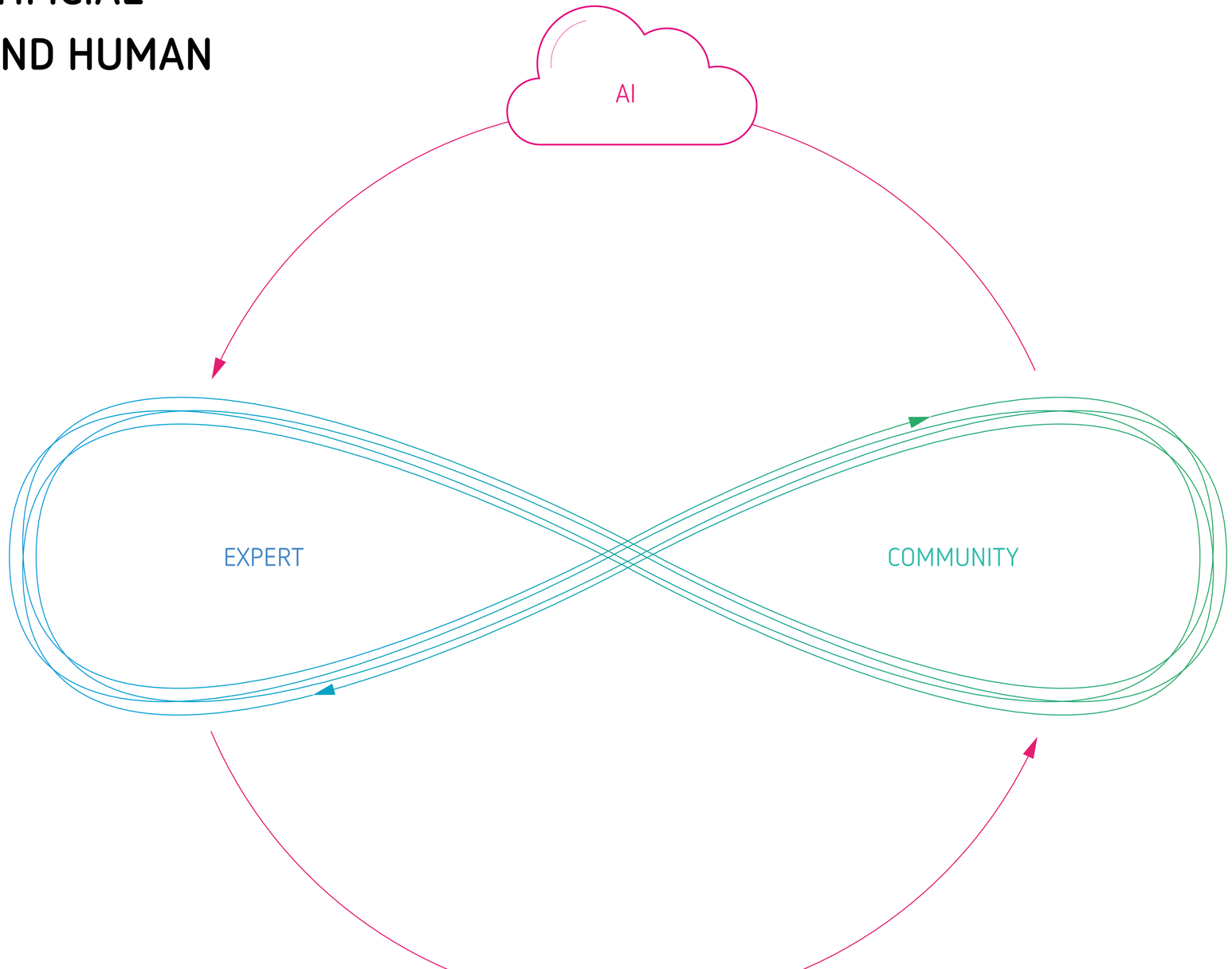
intuity

THIS IS INTUITY

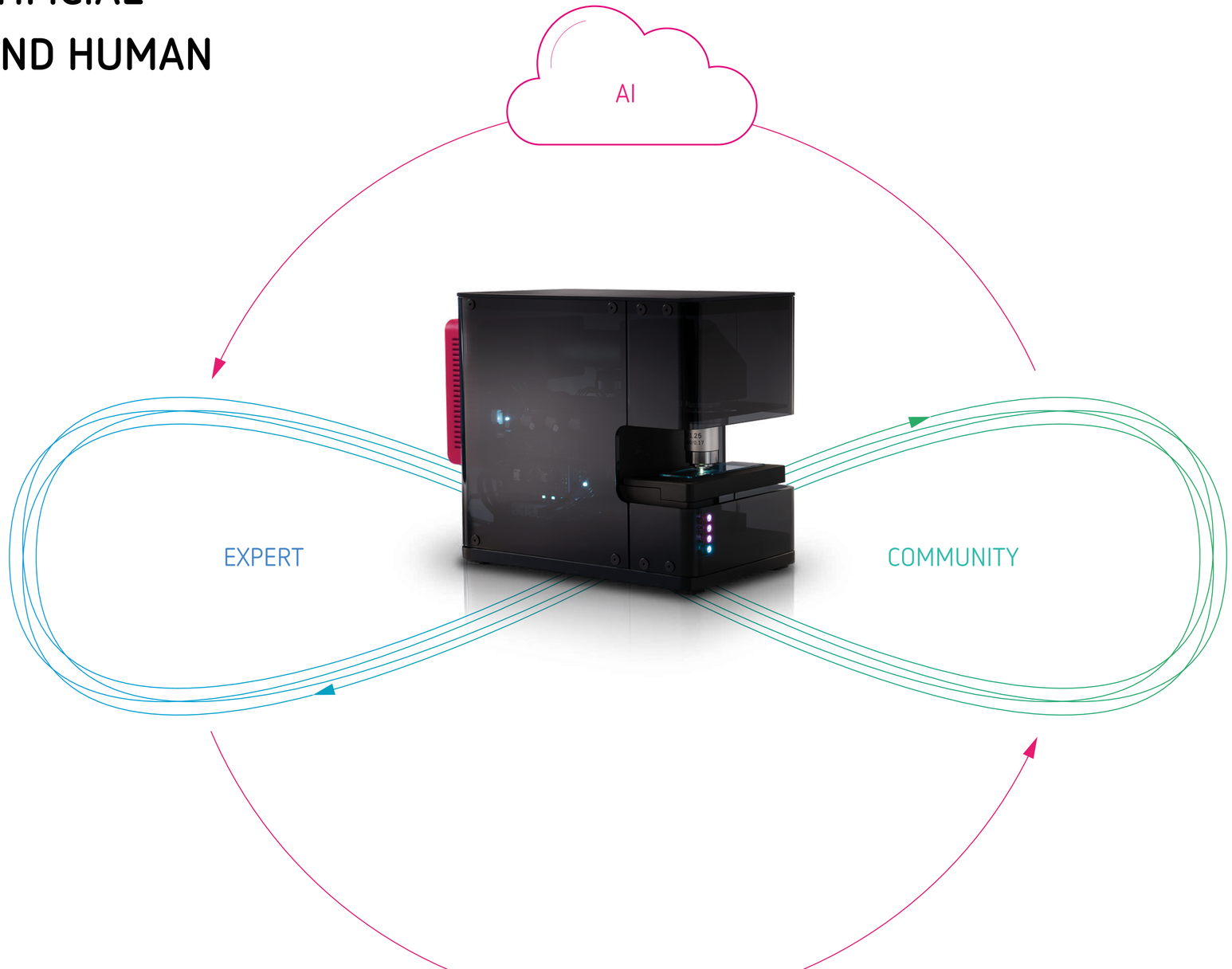


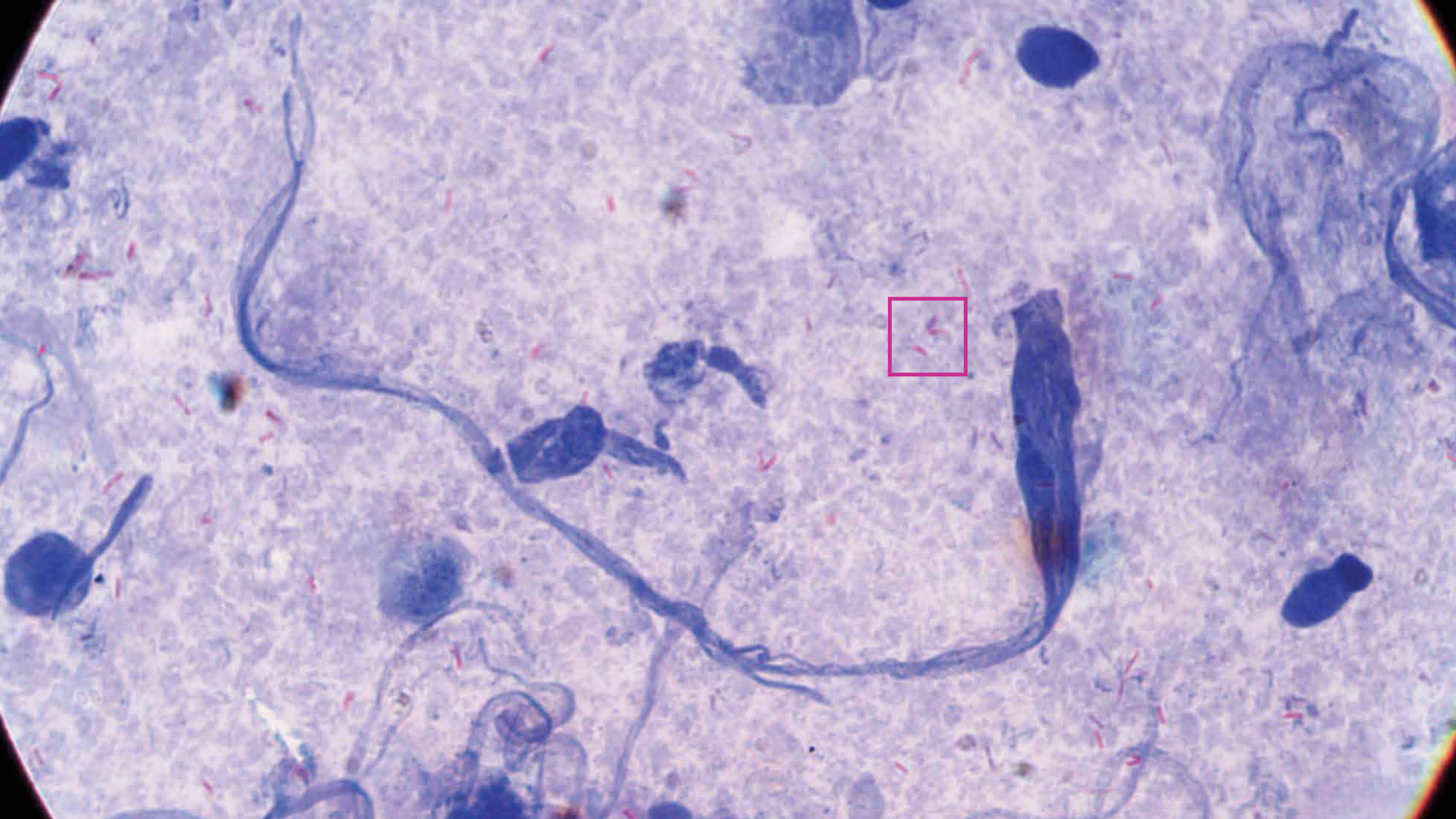
intuity

SYNERGY OF ARTIFICIAL INTELLIGENCE AND HUMAN EXPERTISE

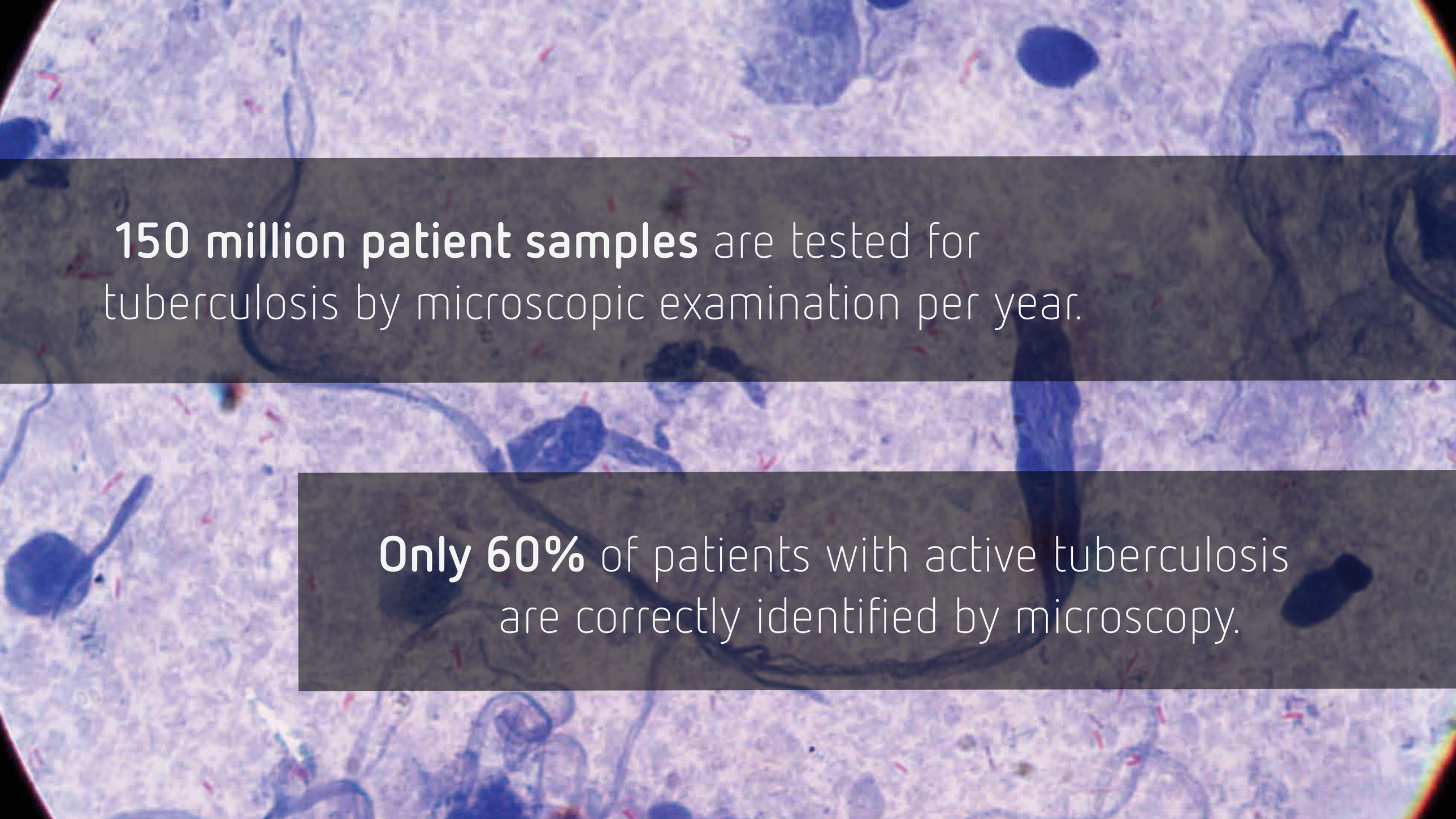


SYNERGY OF ARTIFICIAL INTELLIGENCE AND HUMAN EXPERTISE





150 million patient samples are tested for tuberculosis by microscopic examination per year.



150 million patient samples are tested for tuberculosis by microscopic examination per year.

Only 60% of patients with active tuberculosis are correctly identified by microscopy.

AI-ENABLED MICROSCOPY FOR RELIABLE, STREAMLINED DISEASE DIAGNOSIS

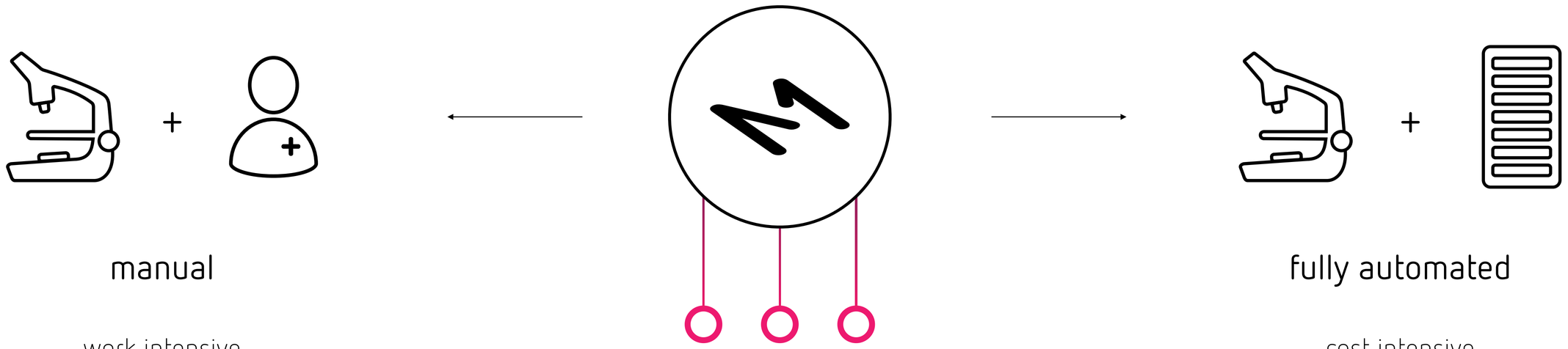
AI-enabled image analysis

automated light microscopy

- compact
- fast
- affordable
- reliable

intuity

THE SWEET SPOT BETWEEN MANUAL AND FULLY AUTOMATED WORKFLOWS



manual

work intensive

fully automated

cost intensive

cost efficient hardware + intelligent software

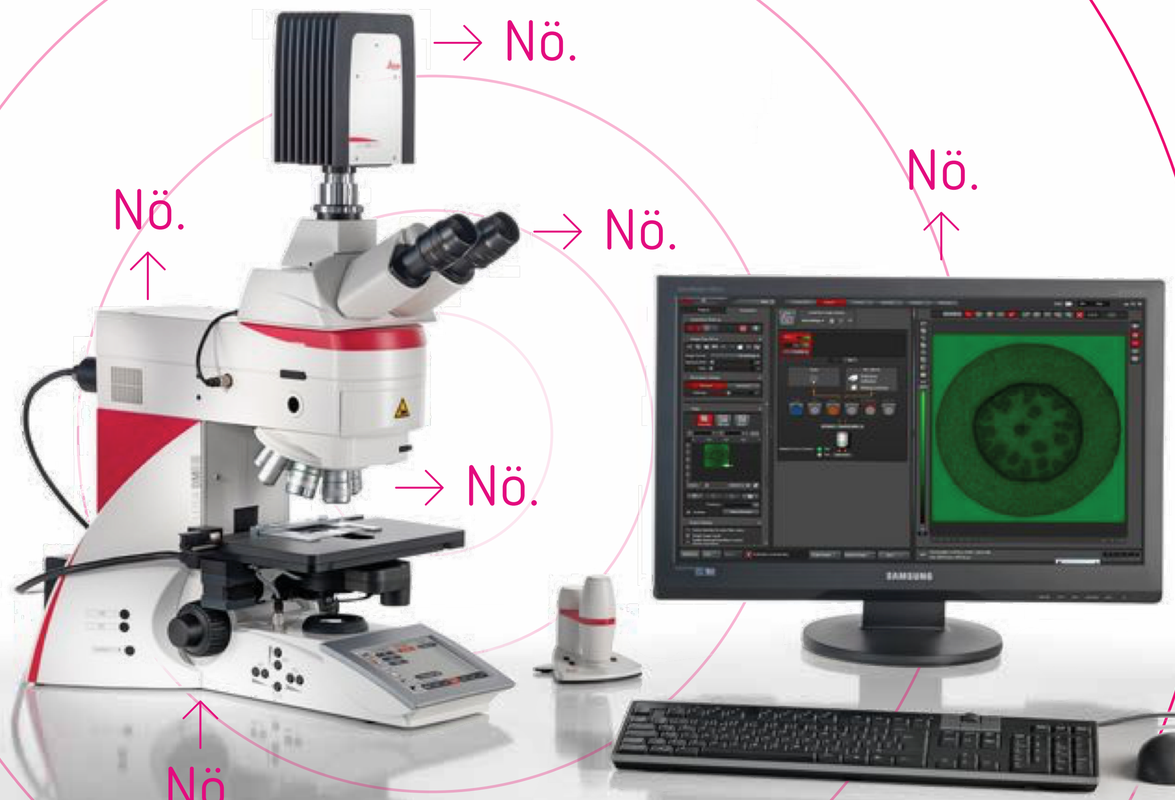
100% INTUITY:
SIMPLE HARDWARE CLEVER SOFTWARE

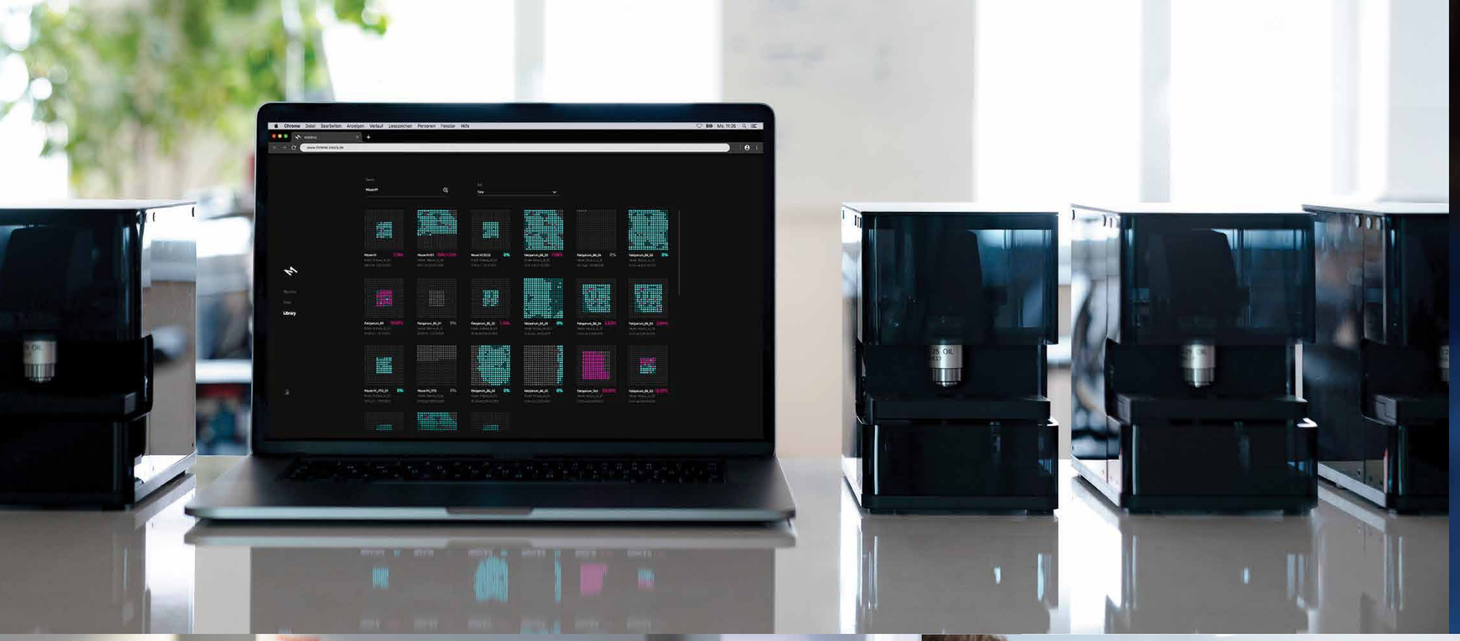
CREATING DESIGN SPACE THROUGH SPECIALIZATION

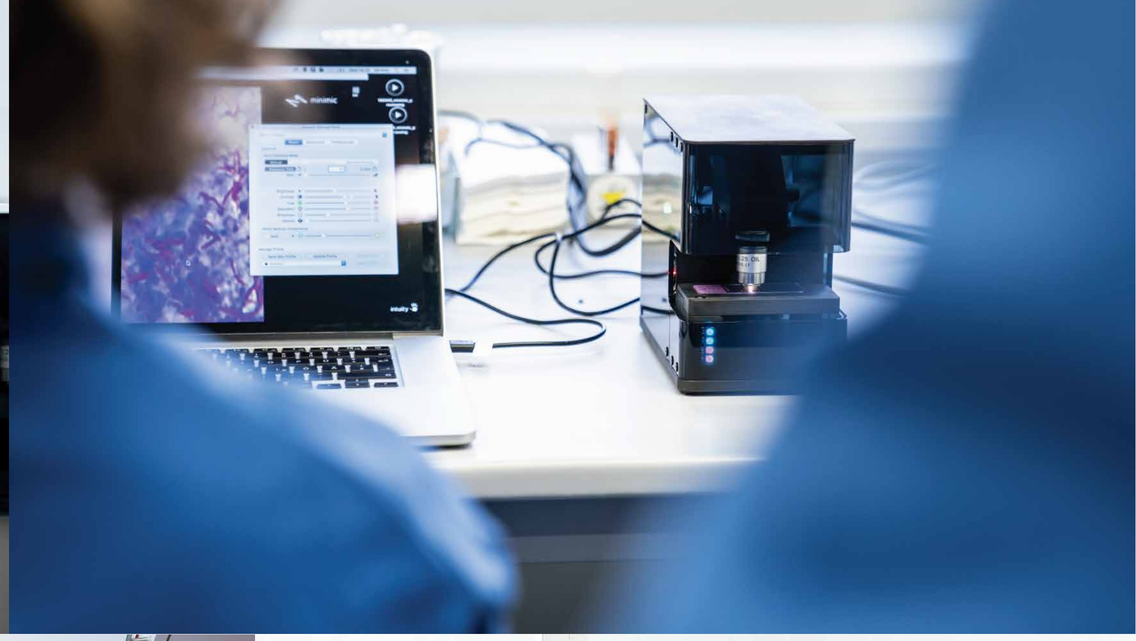
WORKFLOW-CENTERED

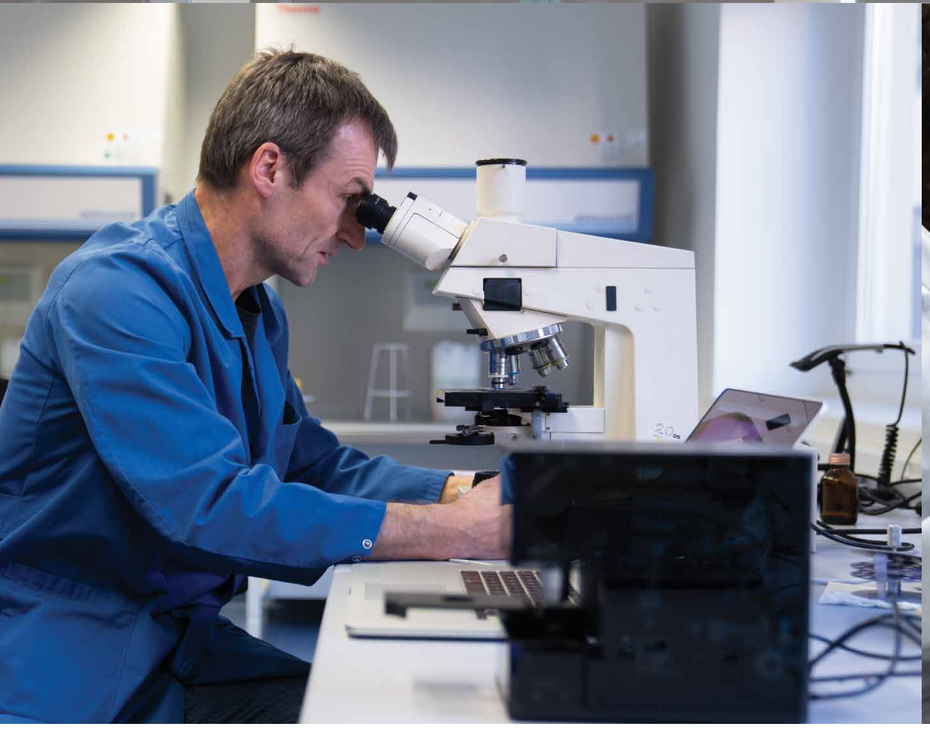
→ Digital-only
→ Simple optics
→ Digital image enhancement
→ AI-based analysis
→ Digital autofocus
→ Vibration tolerance
→ Browser-based UI

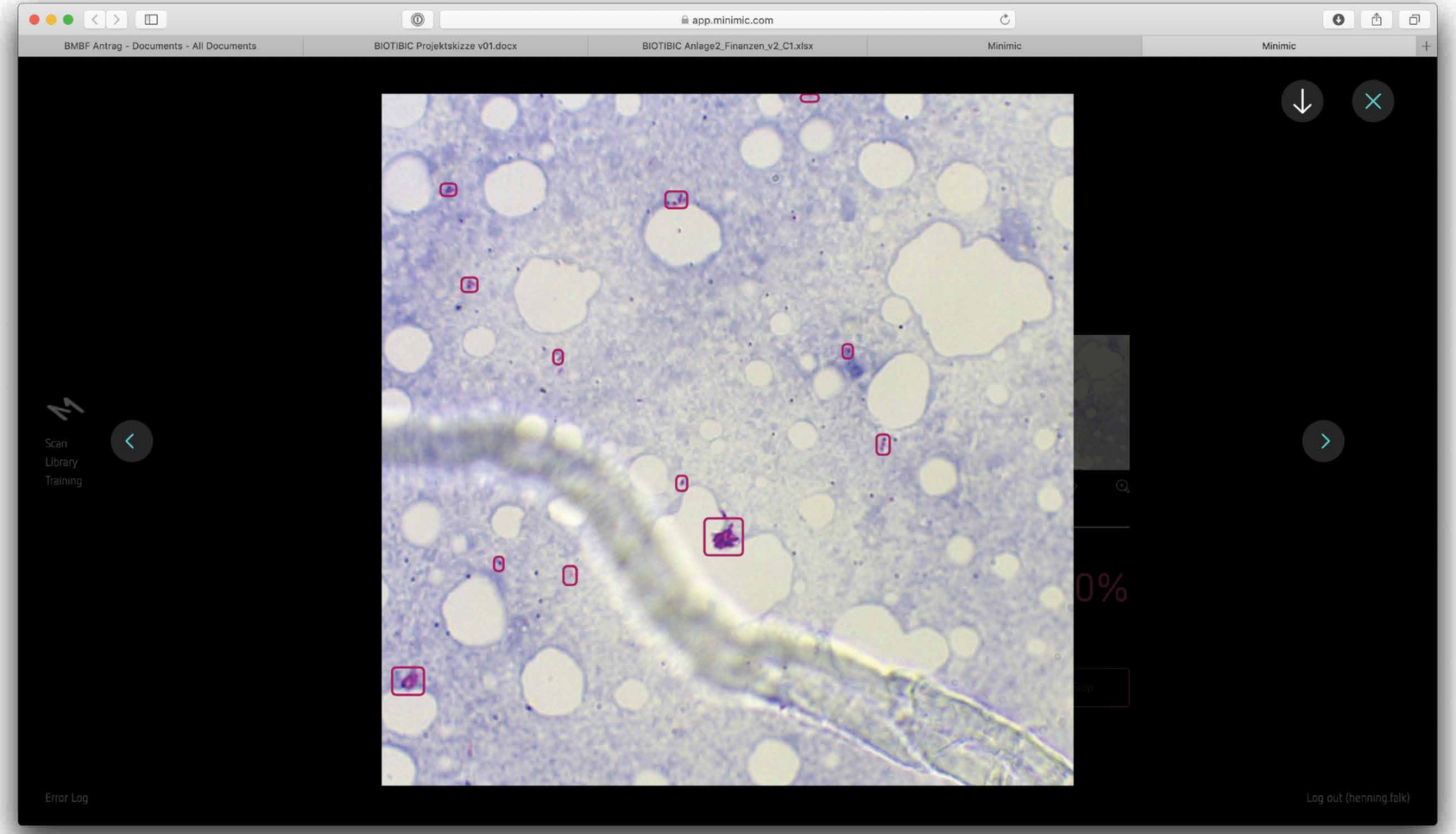
ENGINEERING-CENTERED







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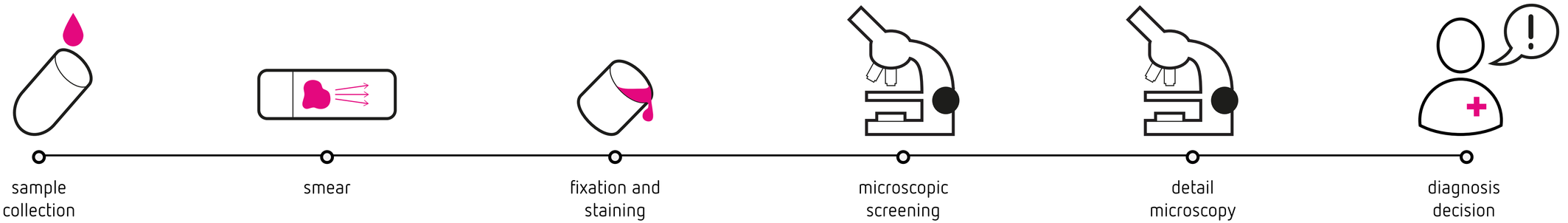
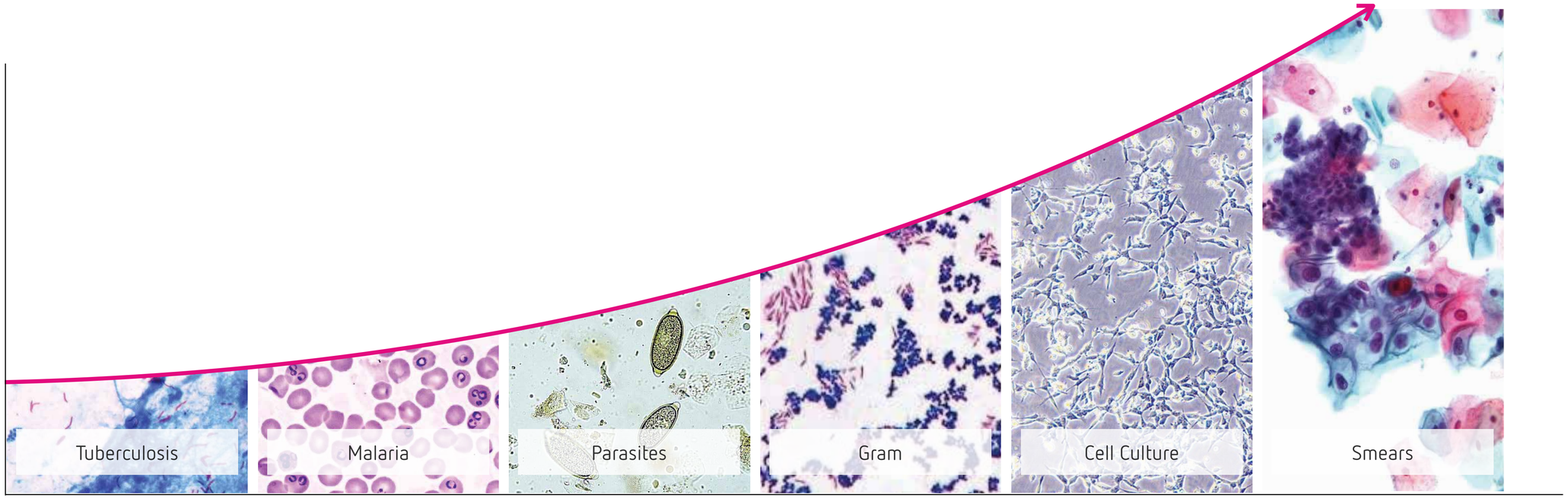
Minimic
Minimic
Scan
Library
Training
Error Log
Log out (henning.falk)

TB DIAGNOSTICS:
MANY MANUAL STEPS LEAD TO HETEROGENEITY



INTELLIGENT MICROSCOPY FROM SAMPLE TO RESULT

FUTURE POTENTIAL BEYOND TB