Analysis of Medical Imagery
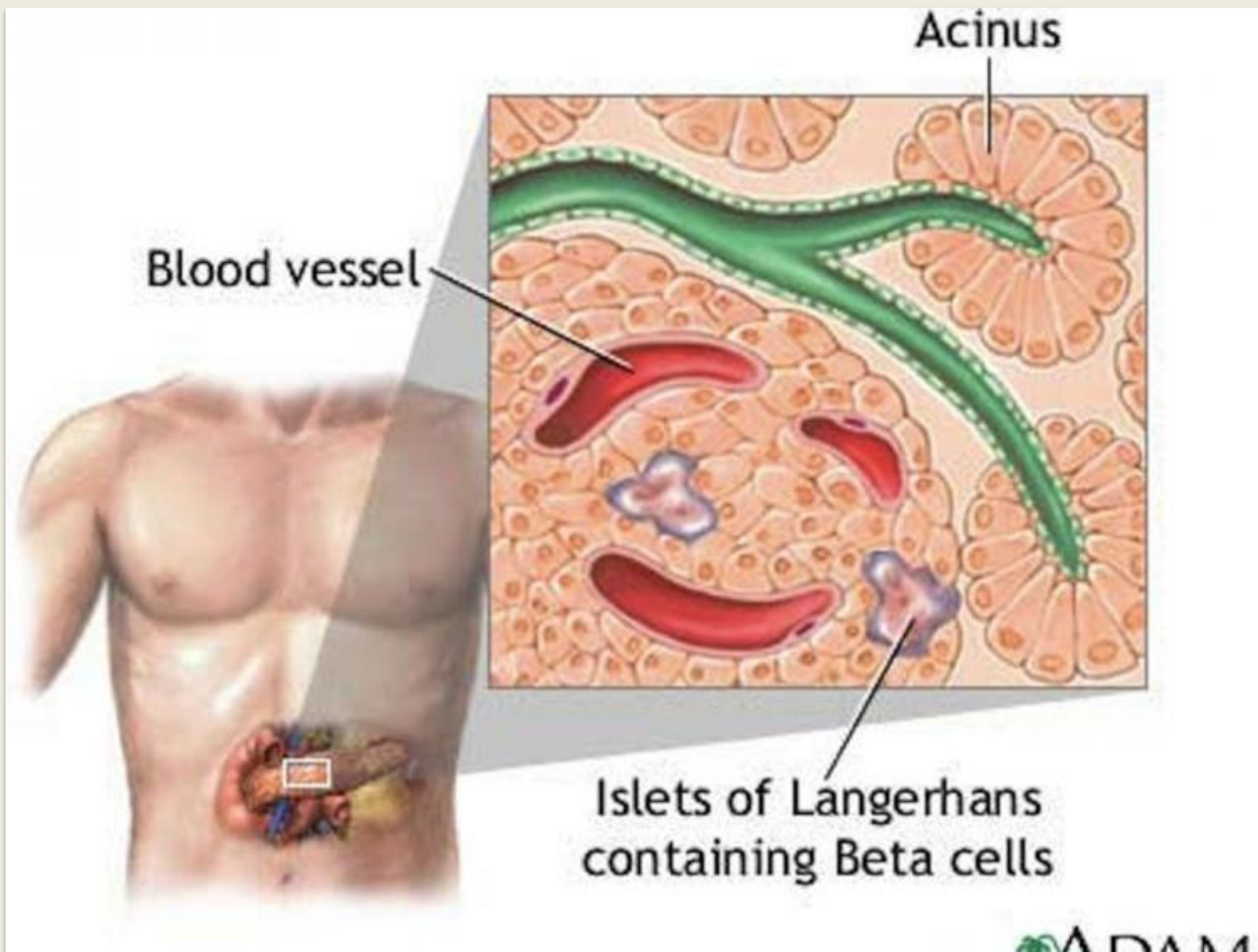
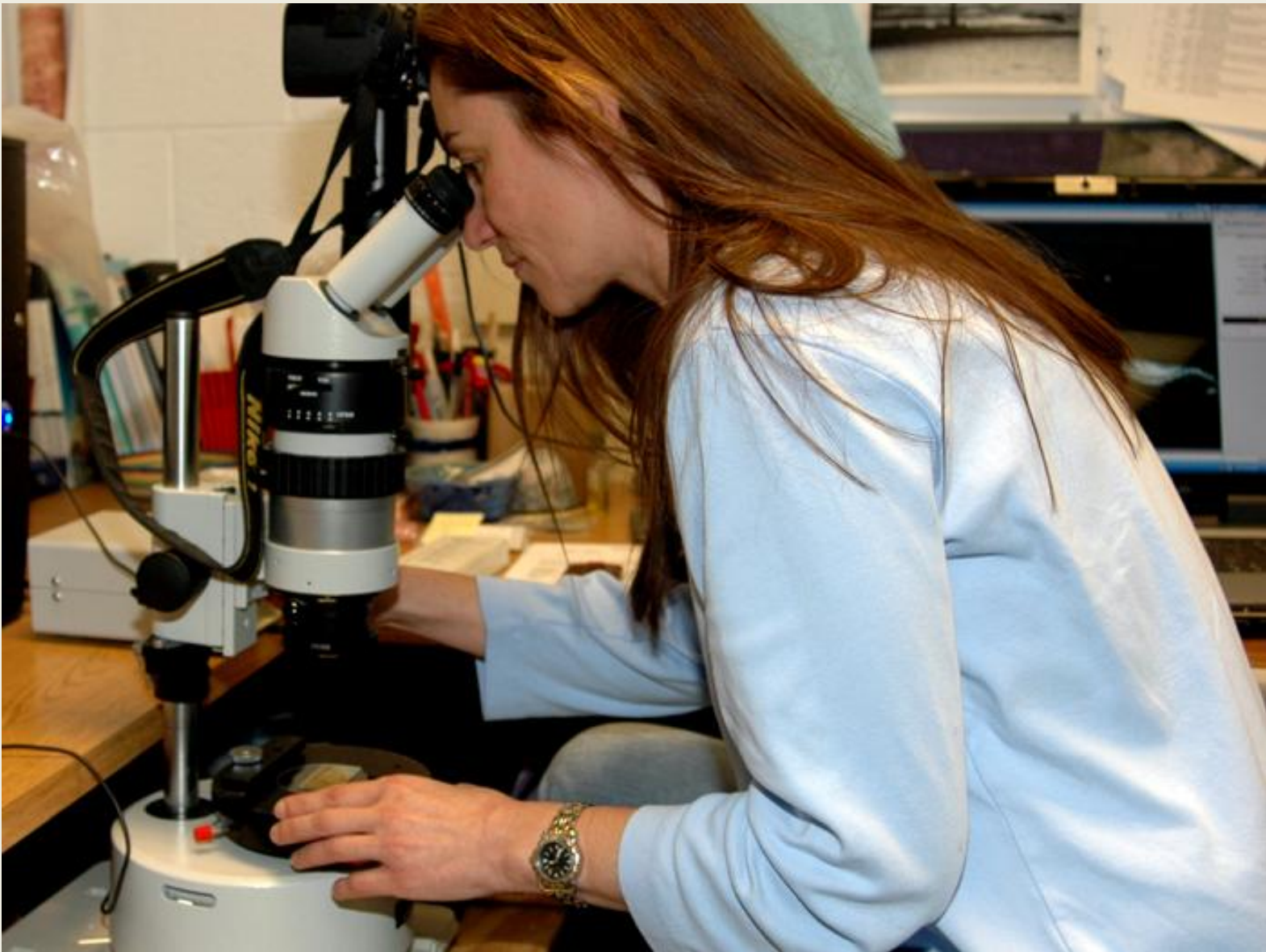Manohar Kuse

Outline of Talk

- My Research
  - Biological Background
  - Why it was important
  - How it is helping
- Applying for Internship
  - How "I" did it
  - How "you" can do it – 1
  - How "you" can do it – 2

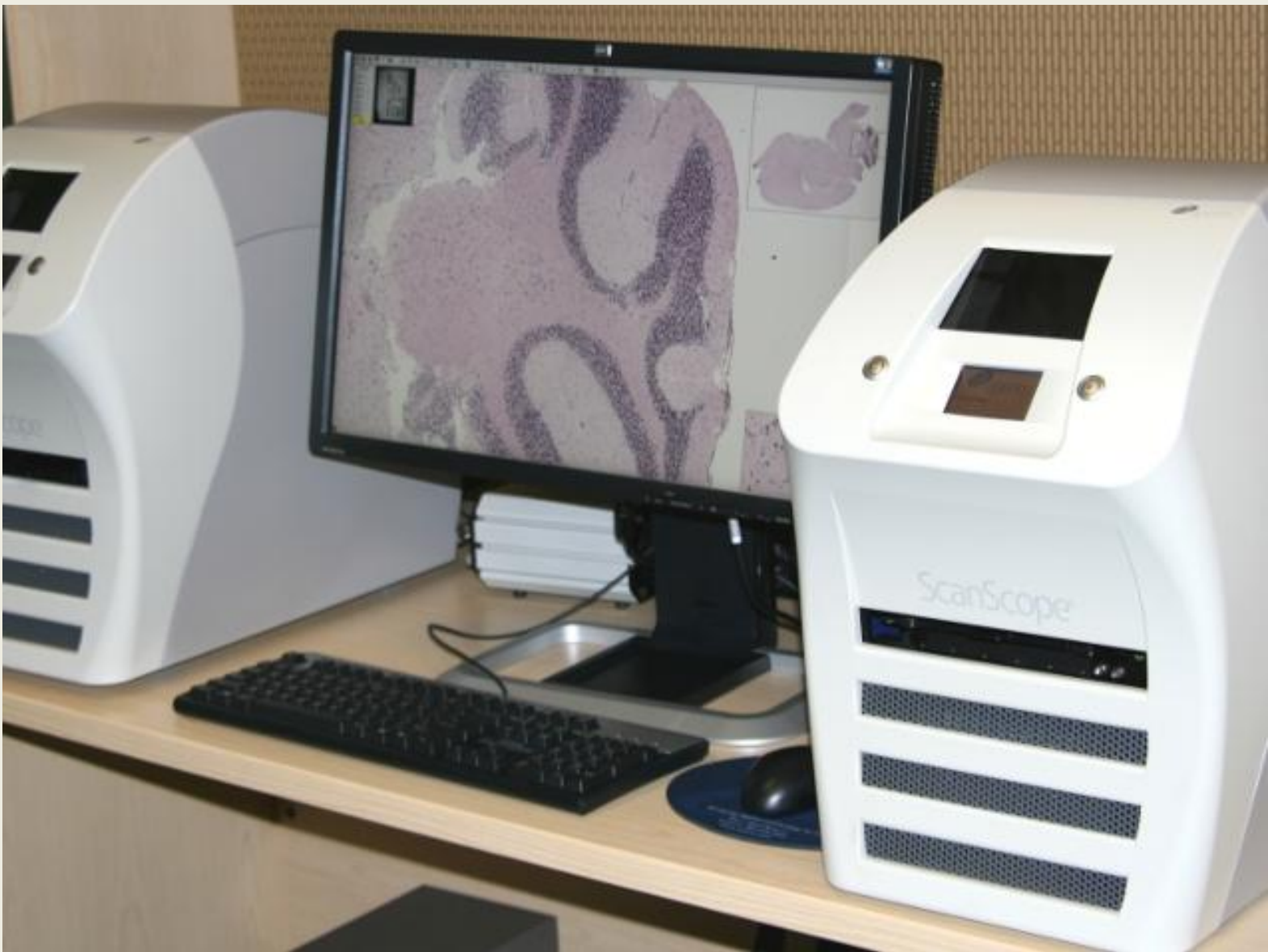Manohar Kuse. LNMIIT Internship Summit 2011.

My Research

Towards Diabetes Free World : Automatic Analysis of Microscopic Slides
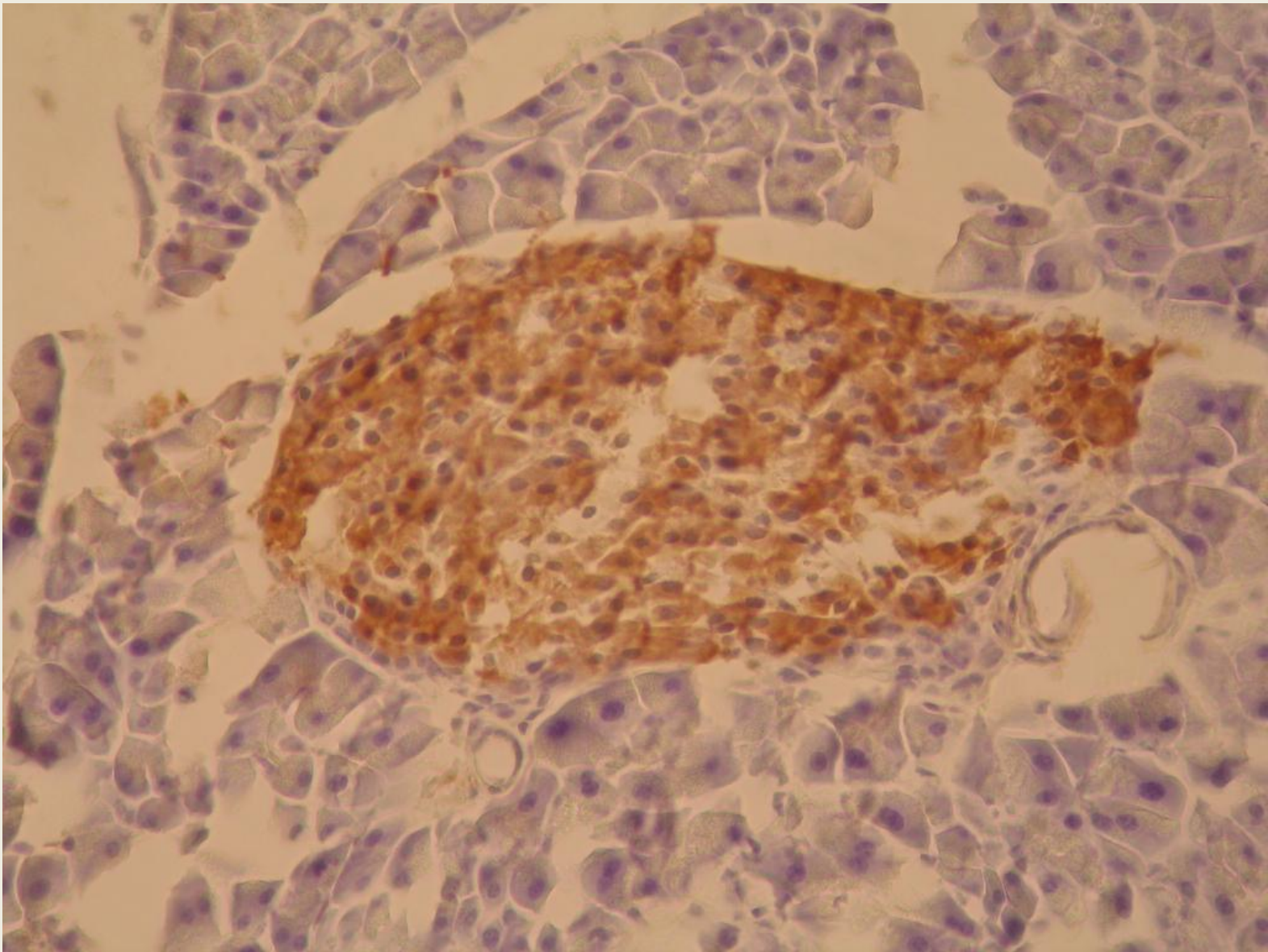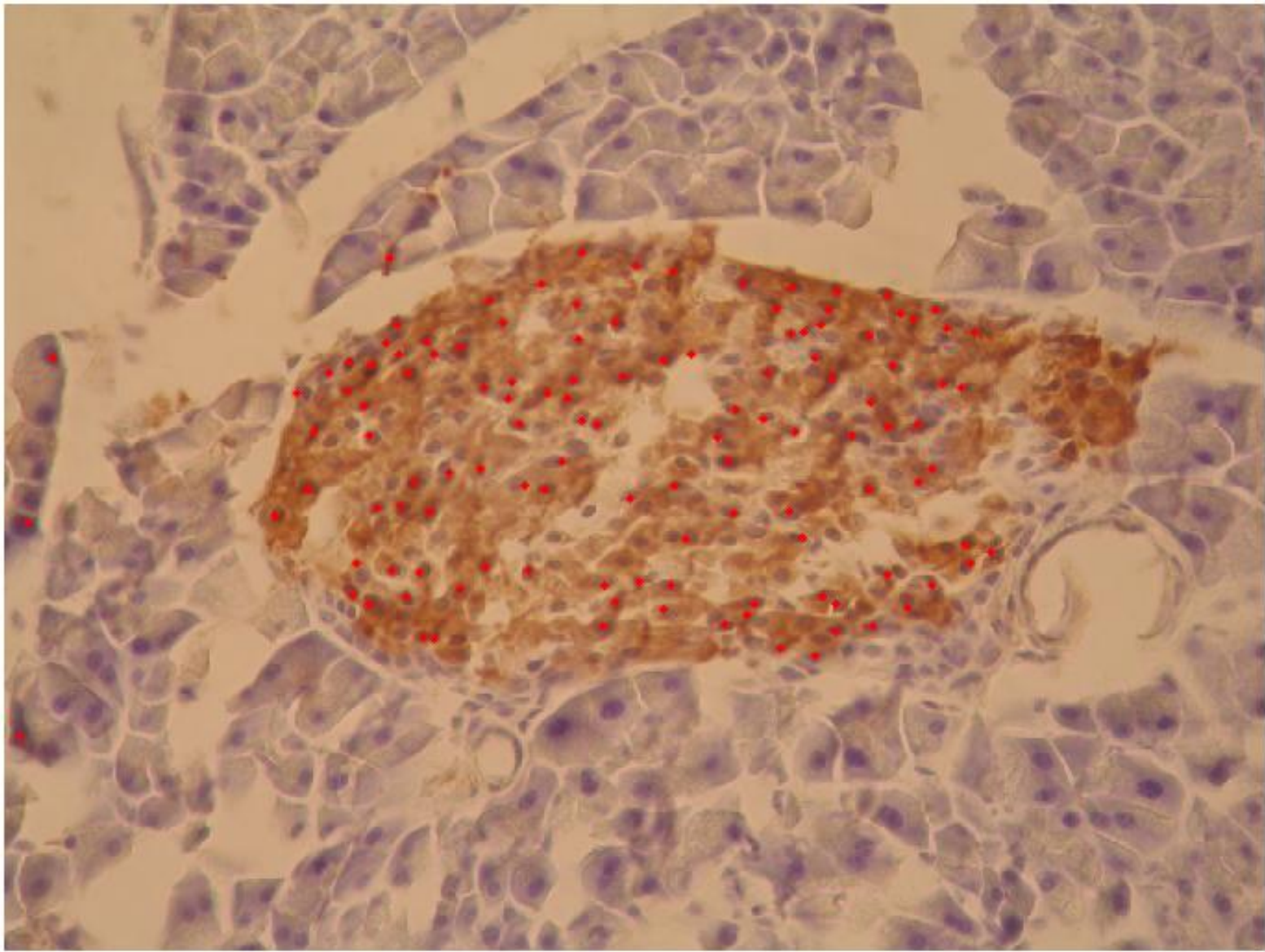
Beta Cells in Human Body
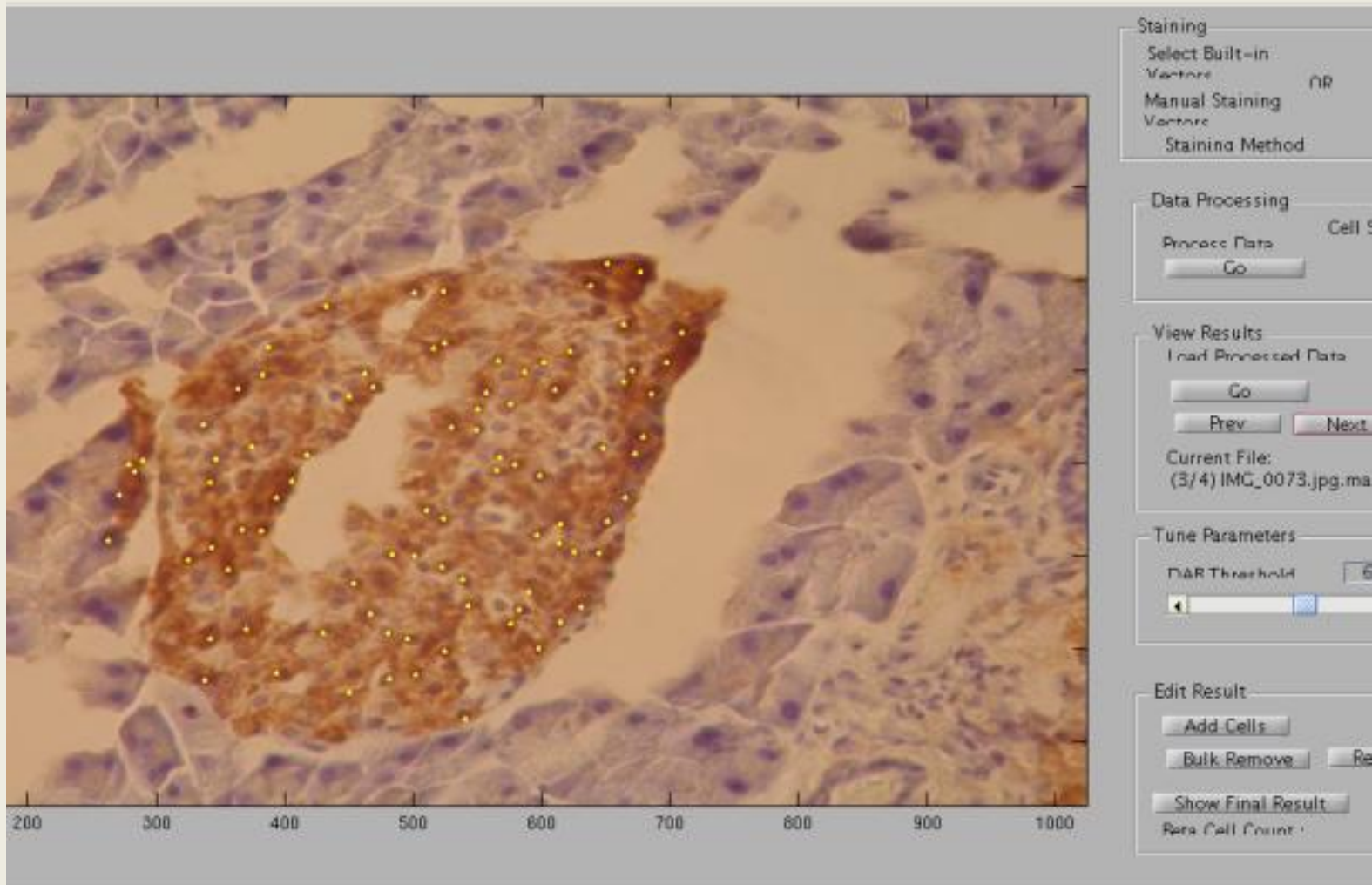
Microscopic Slide Preparation and Observation

Digital Slide Scanners

Sample Beta Cell Slide

Result of Automatic Marking

The LIPSyM Software. In use at Life Science Department, University of Warwick, UK

Software Tool -- LIPSyM

http://www2.warwick.ac.uk/fac/sci/dcs/research/combi/projects/bic/lipsym
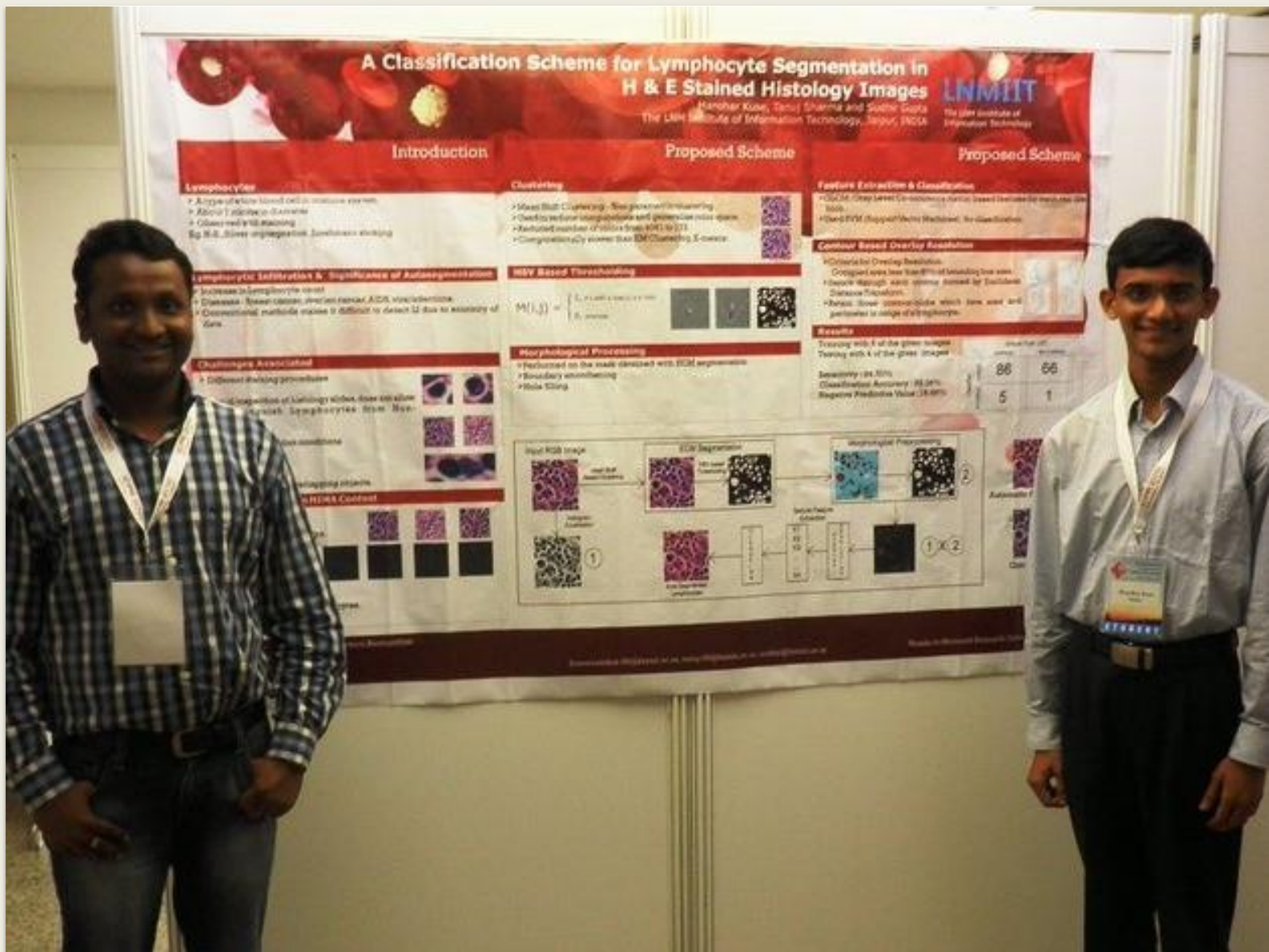
http://bit.ly/rW2AnA

"Local Isotropic Phase Symmetry Measure for Detection of Beta Cells and Lymphocytes"

14th International Conference on Medical Image Computation and Computer Assisted Intervention (MICCAI)

Toronto, Canada Sep 2011

Applying for an Internship

@ ICPR-2010 in Istanbul, Turkey. **Aug 2010**

SenoCAD Research, The Netherlands

The University of Warwick, England

Strategies for Applying for Internship

- Contact through a conference
- Contact through web search
- Apply to internship programs
  - Eg. SURGE (IIT, Kanpur)
- Contact through a faculty reference

Contact through a Conference

- Do research project with faculty at LNMIIT
- Publish this as a paper in a conference
- Attend conference
  - LNMIIT might fund your travel
- Approach people at conference for your internship

Contact through web search (Direct Contact)

- Identify your field of interest
  - Make sure, you have made some project in this field
- Look for people & labs in this field
  - Can be found with simple google search
  - Listing in related conferences
- Contact these people
  - With a CV
  - Cover letter

Start Working **TODAY**…..!

Thanks ☺

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Manohar Kuse. LNMIIT Internship Summit 2011.