

FRAUNHOFER INSTITUTE FOR
INTEGRATED CIRCUITS IIS

WE DIGITIZE YOUR SLIDES

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SLIDE SCANNING SERVICES

**Fraunhofer Institute for
Integrated Circuits IIS**

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Prof. Dr.-Ing. Albert Heuberger

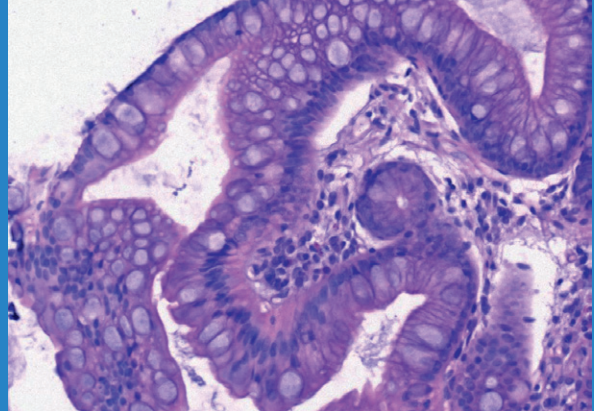
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Whole slide scanning allows batches of slides to be scanned completely with high resolution in short time. These digital slides allow indefinite archiving without loss of quality, fading or bleaching. They enable pathologists and researchers to assess and review identical data via fast and low-cost distribution channels without the need to send duplicated glass slides.

APPLICATIONS

- Long-term preservation of valuable samples
- Web-based training and E-Learning
- Distributed multi-center studies
- Research and image analysis
- Tele consultation and counseling

OUR OFFER

Digital slide scanners and microscopy systems are high-end investments that we use in our daily research work. These assets and our expertise in microscopy and image analysis are now available to you.

You have the slides. We have the equipment.

ADVANTAGES OF DIGITAL SLIDES

- Digital and secure archiving
- Long-term preservation in high quality
- Easy data distribution
- Intuitive whole-slide navigation
- 24/7 availability and assessment
- Graphical and textual annotation

OUR SLIDE SCANNING SERVICES

- Professional consulting for optimal results
- High-quality digitization of your slides
- Shipping on USB storage
- Download services for fast access
- Scientific and technical support in automated image data analysis

TECHNICAL EQUIPMENT

- Whole-slide scanner (Zeiss Axio Scan.Z1)
- Multi-channel fluorescence (e. g. DAPI, GFP, DsRed, Cy5)
- Fluorescence microscopy (Zeiss Axio Imager.Z2)
- High resolution oil immersion (HemaCAM®, SCube®)
- Slide formats 26 mm x 76 mm (1"x3"), 52 mm x 76 mm (2"x3"), custom formats on request
- Standard magnification 10x, 20x, 40x
- High resolution 100x (oil immersion)
- Original scanner data format
- Conversion to other formats on request