



Vascular 3-D Network of the Bulb Region of an Actively-Growing Anagen Human Scalp Hair Follicle

Sample

A 4-mm punch biopsy was acquired from a healthy Caucasian subject, fixed and vertically sectioned into 200-micron-thick sections.

Biomarkers

Sections were stained with the plant lectin, *Ulex europeaeus* conjugated to FITC (yellow). This lectin binds to I-fucose moieties, a carbohydrate abundant in human blood vessels.

Acquisition

This image was captured using laser scanning confocal microscopy at 200X magnification and is a projection of 56 two-micron optical sections.

Awards

- Science and Engineering Visualization Challenge sponsored by AAAS and NSF, Finalist in Photography 2006

Specifications

- Pixel width: 3300
- Pixel height: 4200

Researchers

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