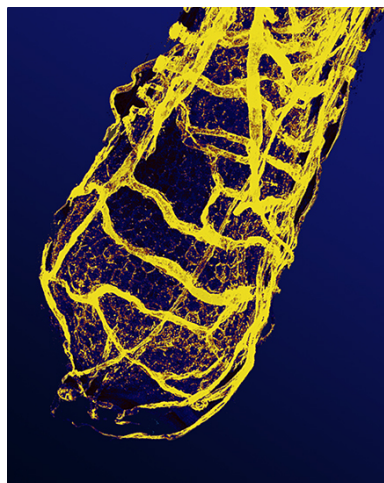




# Vascular 3-D Network of the Bulb Region of an Actively-Growing Anagen Human Scalp Hair Follicle



## Technology ID

20160234-2

## Category

Express License

Life Sciences/Health IT

Software & IT/Health IT

Software & IT/Image & Signal

Processing

Creative Works

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## 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 europaeus* 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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