



MELANOMA AND MELANOCYTIC NAEVI

MELANOCYTES DOLL ONESELF UP FOR A VISUAL TREAT

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Background: In the human skin, melanocytes are present in the epidermis and hair follicles. The basic features of these cells are the ability to melanin production and the origin from neural crest cells. Melanocytes are the pigment-producing (such as melanin) cells of the skin. Melanin is transferred from melanocytes to a pool of surrounding keratinocytes.

Observation: In this study we looked for the viability of melanocytes in various other stain such as (India ink, Methylene Blue, Safranin, Chicago stain) including standard tryphan blue .

Key message: H&E staining can show a negative image of the melanocytes and some histochemical methods can also identify active melanocytes. However most commonly used stain to count the viability of melanocytes is tryphan blue stain by dye exclusion method .

