

# Melanin

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## Melanin

Melanin (/ 'mɛlənɪn / (listen); from Greek: μέλας melas, "black, dark") is a broad term for a group of natural pigments found in most organisms. Melanin is produced through a multistage chemical process known as melanogenesis, where the oxidation of the amino acid tyrosine is followed by polymerization.

## Melanin - Wikipedia

Melanin is a natural skin pigment. Hair, skin, and eye color in people and animals mostly depends on the type and amount of melanin they have. Special skin cells called melanocytes make

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melanin....

### **Melanin: Types & Related Disorders - WebMD**

Melanin, a dark biological pigment (biochrome) found in skin, hair, feathers, scales, eyes, and some internal membranes; it is also found in the peritoneum of many animals (e.g., frogs), but its role there is not understood.

### **Melanin | biological pigment | Britannica**

Melanin is a natural pigment that determines the color of your hair. When the production of this pigment slows down, hair turns gray or white. Since these colors largely symbolize growing older,...

### **Melanin for Hair: What Role It Plays & How to Increase ...**

: any of various black, dark brown, reddish-brown, or yellow pigments of animal or plant structures (such as skin or hair) Examples of melanin in a Sentence Recent Examples on the Web When our skin is exposed to the sun's rays, melanocytes are naturally stimulated to produce more melanin in an effort to protect the skin from burning.

### **Melanin | Definition of Melanin by Merriam-Webster**

Melanin: The pigment that gives human skin, hair, and eyes their color. Dark-skinned people have more melanin in their skin than light-skinned people have. Melanin is produced by cells called melanocytes.

### **Definition of Melanin - MedicineNet**

Melanin is a complex polymer derived from the amino acid tyrosine. Melanin is responsible for determining skin and hair colour and is present in the skin to varying degrees, depending on how much a...

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### **What is Melanin? - Medical News**

Melanin definition Our skin color is determined by a pigment called melanin, and while everyone has melanin (both fair and dark-skinned people), it comes in different forms and ratios. The two forms of melanin are called eumelanin and pheomelanin. Eumelanin comes in primarily brown and black hues, while pheomelanin appears as red and yellow hues.

### **What Is Melanin? How Does Melanin Affect Skin Color ...**

Melanin is a skin pigment. It occurs in both humans and animals, and is what makes hair, skin, and eyes appear darker. Research has found that melanin may help protect the skin from UV rays....

### **Can You Really Increase Melanin in Your Skin?**

Melanin theory is a claim in Afrocentrism that a higher level of melanin, the primary determinant of skin color in humans, is the cause of an intellectual and physical superiority of dark-skinned people and provides them with superior abilities or even mystical / supernatural ones. It is a racist, pseudoscientific theory.

### **Melanin theory - Wikipedia**

Melanin is a black pigment synthesized nonenzymatically or enzymatically from dopamine, L-DOPA and L-tyrosine. Melanin-containing cells, including catecholaminergic (CA) cells in the brain and melanocytes of the hair and skin, pigment cells in the inner ear, iris, and choroid of the eye, originate from the neural crest.

### **Melanin - an overview | ScienceDirect Topics**

Melanin | C18H10N2O4 | CID 6325610 - structure, chemical names, physical and chemical properties, classification, patents, literature, biological activities, safety/hazards/toxicity

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information, supplier lists, and more. COVID-19 is an emerging, rapidly evolving situation. Get the latest public health information from CDC: [https ...](https://www.cdc.gov/covid19/)

### **Melanin | C18H10N2O4 - PubChem**

[ mel´ah-nin] any of several closely related dark, sulfur-containing pigments normally found in the hair, skin, ciliary body, choroid of the eye, pigment layer of the retina, and certain nerve cells. They occur abnormally in the tumors known as melanomas and may be excreted in the urine when such tumors are present (melanuria).

### **Melanin | definition of melanin by Medical dictionary**

Also called pigment, melanin is a substance that gives the skin and hair its natural color. It also gives color to the iris of the eye, feathers, and scales. In humans, those with darker skin have higher amounts of melanin. By contrast, those with less pigment have lighter or more fair skin coloring.

### **What is Melanin? (with pictures) - wiseGEEK**

Melanin's high refractive index (RI) and broadband absorption capability contribute to the pigment's ability to protect against ultraviolet radiation (UV). These optical properties also contribute...

### **Ultraviolet light exposure enhances the protective ability ...**

A dark brown coloring found in the body, especially in the skin and hair. Produced by special skin cells that are sensitive to sunlight, melanin protects the body by absorbing ultraviolet radiation from the sun.

### **Melanin | Definition of Melanin at Dictionary.com**

A melanocyte is a type of cell that's primarily located in the basal layer of the epidermis.

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Melanocytes produce melanin, a brown pigment that is responsible for skin coloration and protecting against the harmful effects of UV light. Melanocytes are also present in the hair and in the irises of the eyes. Ed Reschke / Photolibrary / Getty Images

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