



# Member Newsletter

**2022 No. 008**

Dear Member/Student,

Welcome to the latest World Trichology Society newsletter.

## Upcoming Events

**THE INAUGURAL WORLD CONGRESS OF TRICHOLOGY**

**SEPTEMBER 17-19, 2022**

Location: Orlando Florida, USA

**DoubleTree by Hilton™ at the Entrance to Universal Orlando**

**For more information, please go to:  
[worldtrichologysummit.org](http://worldtrichologysummit.org)**

## Current Trichological and Health News

### **1. Researchers: Patients Appear To Stay Longer With Guselkumab For Psoriasis Treatment Than With Any Other Biologic Drug**

[MedPage Today](#) reported, “Patients stayed longer with guselkumab (Tremfya) for psoriasis treatment than any other biologic drug, while adalimumab (Humira) was dropped the quickest,” investigators concluded in an analysis of “British registry data.” The [findings](#) were published online in JAMA Dermatology.

### **2. Medical Literature Review Demonstrates Complex Correlation Between Chronic Inflammatory Skin Disease And Sleep Loss**

According to [Healio](#), [medical literature review](#) published online ahead of print “in the Journal of the American Academy of Dermatology showed a complex correlation between chronic inflammatory skin disease [CISD], such as atopic dermatitis and psoriasis, and sleep loss.” The study team “highlighted the fact that [pruritus], a common symptom of CISD, can cause scratching behaviors that can lead to more frequent nighttime arousals and lightening of sleep.”

### **3. Fragrance Additives Most Likely To Cause Either Immediate Or Delayed Allergic Reactions**

[Healio](#) reported investigators have “identified fragrance additives that are most likely to cause either immediate or delayed allergic reactions.” The 291-participant study revealed that “the most common allergic reactions to standard patch test screening included fragrance mix I (19.59%), nickel sulfate (15.46%), methylisothiazolinone (10.65%), methyldibromo glutaronitrile (9.27%), balsam of Peru (8.25%), formaldehyde (8.25%) and fragrance mix II (8.25%).” The [findings](#) were published online ahead of print in the Journal of the American Academy of Dermatology.

#### **4. Androgenic skin conditions and hormonal IUDs**

A retrospective *JAAD* study aimed to evaluate the association between hormonal intrauterine devices (IUDs) and adverse dermatologic events. The study, which included 1,224 women, compared new instances of dermatologic conditions between those using hormonal (levonorgestrel) and non-hormonal copper IUDs. The results revealed significantly increased odds of acne vulgaris diagnosis (odds ratio, 2.5) in the year following implantation for women using levonorgestrel versus women with the non-hormonal copper IUD. On the other hand, women with the hormonal IUD were less likely to be diagnosed with androgenic alopecia (odds ratio, 0.12), rosacea (odds ratio, 0.38), and hirsutism (odds ratio, 0.45). The authors conclude that understanding hormonal interplays associated with levonorgestrel may aid in the risk assessment of dermatologic complications and guide contraceptive choices.

#### **5. COVID-19 can nail you in so many ways**

Much less reported are findings on the nails that may be related to COVID-19 infection. The first manifestation reported was the red half-moon nail sign that occurs two to 14 days after diagnosis of COVID infection. It appears as an asymptomatic transverse convex red band located at the distal margin of the lunula. Transverse leukonychia has also been reported in a hospitalized patient six weeks after developing symptoms. Other nail changes include Beau's lines and onychomadesis, which typically occur one to three months after development of symptoms. Another late manifestation of nail findings reported is a heterogeneous red-white discoloration of the nail bed with distal onycholysis.

#### **6. Survey Suggests Targeted Marketing Can Increase Disparities For Individuals With Skin Of Color**

[Healio](#) reported that “targeted marketing” can worsen “health care disparities for individuals with skin of color, according to” findings from a “survey regarding skin care practices, concerns and habits” completed by “164 individuals, with 121 (74%) identifying as nonwhite, and 31 (19%) identifying as non-Hispanic white.” The [findings](#) were published in the *Journal of Drugs in Dermatology*.

## **7. Study Says Many Patients Experienced Hair Loss Following COVID-19 Infection**

[Healio](#) reports, “Many patients experienced significant hair loss following COVID-19 infection,” according to researchers who “conducted a retrospective study evaluating the prevalence of hair loss in patients who had recovered from COVID-19. Of 62 patients with hair loss, histological evaluations of hair samples from 48 had telogen effluvium, 12 showed evidence of androgenetic alopecia and two showed alopecia areata.” The [findings](#) were published in the Journal of Drugs and Dermatology.

## Journal Articles

For journal publications, click on the URL under the title of the topic you wish to see and it will open to a *free* abstract of the article. For obtaining the full article, just follow the relevant prompts on the site (*a payment may be required for the full article*).



1. **Nickel and cobalt release from beauty tools: A field study in the German cosmetics trade**

Cara Symanzik, Wolfgang Uter, Selina-Marie Becker, Christoph Skudlik, Swen M. John

<https://wly-reg.onecount.net/onecount/redirects/index.php?>



1. **Alopecia in children undergoing chemotherapy, radiation, and hematopoietic stem cell transplantation: Scoping review and approach to management**

Stephen Kessler MD, Ali Marzooq MD, Arun Sood MD, Kristen Beebe PA-C, Alexandra Walsh MD, Liliana Montoya MD, Harper Price MD

<https://wly-reg.onecount.net/onecount/redirects/index.php?>

2. **Pediatric skin picking disorder: A review of management**

Michael N. Nemeh BS, Marcia Hogeling MD

<https://onlinelibrary.wiley.com/doi/abs/10.1111/pde.14953?>

1. **Topical immunotherapy treatment of alopecia areata with diphenylcyclopropenone: Regulatory T cells as biomarkers for treatment response**

Eirini Kyrmanidou, et al.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/dth.15522?>

2. **Comparative study between topical methotrexate 1% gel and minoxidil 5% gel in the treatment of localized alopecia areata**

Dalia Mahmoud Toma MBBCH, et al.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/dth.15696?>

3. **Efficacy of intramuscular injections of biotin and dexpanthenol in the treatment of diffuse hair loss: A randomized, double-blind controlled study comparing two brands**

Aniseh Samadi, Yasaman Ketabi, Rojin Firooz, Alireza Firooz

<https://onlinelibrary.wiley.com/doi/abs/10.1111/dth.15695?>

4. **Clinical efficacy of mychophenolate mofetil in treating lichen planopilaris**

Arghavan Azizpour, et al.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/dth.15625?>

## Experimental Dermatology

1. **Dysregulated behaviour of hair follicle stem cells triggers alopecia and provides potential therapeutic targets**

Yuanhong Liu, et al. Wang

<https://onlinelibrary.wiley.com/doi/full/10.1111/exd.14600?>

1. **Confocal Raman spectroscopy is suitable to assess hair cleansing-derived skin dryness on human scalp**

Ghaith Kourbaj, Stephan Bielfeldt, Iryna Kruse, Klaus-Peter Wilhelm

<https://onlinelibrary.wiley.com/doi/full/10.1111/srt.13157?>



1. **Altered skin fungal and bacterial community in tinea capitis**

Rong Tao, et al.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/myc.13480?>

# JAMA Dermatology

1. **The Importance of Hair in Black–White Race Relations: A Historical Review and Recommendations for US Dermatologists**

Tosen Nwadei, BPhil; Loren D. Krueger, MD

<https://jamanetwork.com/journals/jamadermatology/fullarticle/2792072?>



1. **Assessment of alopecia areata universalis successfully treated with upadacitinib**

Niccolò Gori MD, Simone Cappilli MD, Alessandro Di Stefani

MD, Francesco Tassone MD, Andrea Chiricozzi MD, Ketty Peris MD

<https://onlinelibrary.wiley.com/doi/abs/10.1111/ijd.16342?>

1. **The need for psychological support in routine dermatological care across the UK**

Olivia Hughes

[https://onlinelibrary.wiley.com/doi/full/10.1111/bjd.21720?](https://onlinelibrary.wiley.com/doi/full/10.1111/bjd.21720)

2. **Analysis of alopecia areata surveys suggests a threshold for improved patient-reported outcomes**

Yael Renert-Yuval, Jet al.

[https://onlinelibrary.wiley.com/doi/abs/10.1111/bjd.21696?](https://onlinelibrary.wiley.com/doi/abs/10.1111/bjd.21696)

3. **Quality of life in patients with central centrifugal cicatricial alopecia: a preliminary study**

Abena Maranga, et al.

[https://onlinelibrary.wiley.com/doi/abs/10.1111/bjd.21710?](https://onlinelibrary.wiley.com/doi/abs/10.1111/bjd.21710)

4. **Alcohol consumption and smoking in relation to psoriasis: a Mendelian randomization study**

Jiahe Wei, et al.

[https://onlinelibrary.wiley.com/doi/abs/10.1111/bjd.21718?](https://onlinelibrary.wiley.com/doi/abs/10.1111/bjd.21718)

5. **Psychosocial Burden of Frontal Fibrosing Alopecia (FFA): a qualitative interview study**

Madison K. Cook, et al.

[https://onlinelibrary.wiley.com/doi/abs/10.1111/bjd.21786?](https://onlinelibrary.wiley.com/doi/abs/10.1111/bjd.21786)

6. **Insights into male androgenetic alopecia using comparative transcriptome profiling: HIF-1 and Wnt/ $\beta$ -catenin signaling pathways**

Qingmei Liu, et al.

[https://onlinelibrary.wiley.com/doi/abs/10.1111/bjd.21783?](https://onlinelibrary.wiley.com/doi/abs/10.1111/bjd.21783)





1. **A systematic review on the treatment of pediatric severe alopecia areata by topical immunotherapy or Anthralin (contact sensitization) or low-level light/laser therapy (LLLT): focus on efficacy, safety, treatment duration, recurrence, and follow-up based on clinical studies**

Elham Behrangi MD, et al.

[https://onlinelibrary.wiley.com/doi/abs/10.1111/jocd.14480?](https://onlinelibrary.wiley.com/doi/abs/10.1111/jocd.14480)

2. **Percutaneous collagen induction (microneedling) for scarring alopecia in discoid lupus erythematosus of the scalp**

Mariana Modesto Dantas de Andrade Lima MD, et al.

[https://onlinelibrary.wiley.com/doi/abs/10.1111/jocd.15149?](https://onlinelibrary.wiley.com/doi/abs/10.1111/jocd.15149)

3. **Inflammatory complications after hair transplantation: Report of 10 cases**

Sarra Saad, Bénédicte Cavelier-Balloy, Jack Smadja, Philippe Assouly, Pascal Reygagne

[https://onlinelibrary.wiley.com/doi/abs/10.1111/jocd.15244?](https://onlinelibrary.wiley.com/doi/abs/10.1111/jocd.15244)



1. **Comparing hair tensile testing in the wet and the dry state: Possibilities and limitations for detecting changes of hair properties due to chemical and physical treatments**

Franz J. Wortmann, Jutta M. Quadflieg, Gabriele Wortmann

[https://onlinelibrary.wiley.com/doi/full/10.1111/ics.12796?](https://onlinelibrary.wiley.com/doi/full/10.1111/ics.12796)



JAPANESE  
DERMATOLOGICAL  
ASSOCIATION

THE JOURNAL OF  
DERMATOLOGY

1. **Disrupted citric acid metabolism inhibits hair growth**

Xiangguang Shi, Yahui Chen, Kai Yang, Yifei Zhu, Yanyun Ma, Qingmei Liu, Ji'an Wang, Chunya Ni, Yue Zhang, Haiyang Li, Jinran Lin, Jiucun Wang, Wenyu Wu

<https://onlinelibrary.wiley.com/doi/abs/10.1111/1346-8138.16509?>

**CED**

CLINICAL AND EXPERIMENTAL DERMATOLOGY  
THE EDUCATIONAL JOURNAL OF THE BRITISH ASSOCIATION OF DERMATOLOGISTS



1. **Psoriasis and osteoporosis: a literature review**

Dohyen Wi, Anna Wilson, Fanny Satgé, Dédée F. Murrell

<https://onlinelibrary.wiley.com/doi/full/10.1111/ced.15174?>

2. **Does weight loss lead to improvement of dermatological conditions: what is the evidence?**

Arpita Rout, Anupam Das

<https://onlinelibrary.wiley.com/doi/abs/10.1111/ced.15208?>

**QUESTION FOR CTE® CREDIT (FOR MEMBERS ONLY): PLEASE**  
**EMAIL ANSWER TO:**  
**KERRI@WORLDTRICHOLOGYSOCIETY.ORG**

***In Toma et al.'s research article regarding "Comparative study between topical methotrexate 1% gel and minoxidil 5% gel in the treatment of localized alopecia areata", after 12 weeks what percent improvement did minoxidil and methotrexate show?***

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