

Highlights #wchr2019

SATURDAY

APRIL 27TH 2019



YOU CAN
COMMENT IN
SOCIAL
NETWORKS WITH
THE HASHTAG
#WCHR2019

LAST DAY IN SITGES: A REMARKABLE CONTRIBUTION FROM EASTERN EUROPE, AN ENCOURAGING KEYNOTE LECTURE AND A VIBRANT CLOSING CEREMONY

HIGHLIGHTS FROM EAST EUROPE CLINICAL CASES

"There might be common pathophysiologic mechanisms of psoriasis and scarring alopecia, like folliculitis decalvans".
(Dr. Kuzma Khobzei)

"We present the first case of patchy heterochromia in a Blaschkoid distribution with diffuse heterochromia of scalp hair." *(Dr. Y. Ovcharenko)*

The prevalence of regrowing hairs in alopecia areata patches in children, such as up-right regrowing hairs, circle hairs and vellus hairs, seems to be slightly higher than in adults. *(Dr. Adriana Rakowska)*

"Despite isotretinoin is not recommended as a first line therapy in hidradenitis suppurativa, we found it very useful in dissecting cellulitis, and they also improved in other body areas. *(Dr. Alexey Kubanov)*

HIGHLIGHTS HAIR COSMETICS

"The environmental impact of pollutants and UV damage on hair is recognised, it's time to combat the damage caused by such factors". *(Dr. Victoria Jolliffe)*

"On the scalp oxidative stress to play a role in hair loss. The scalp commensal organism Malassezia has been recognized to be a source of oxidative damage." *(Dr. Ralph Trüeb)*

"The 18-methy-leicosanoic acid is an important factor for

maintaining a healthy hair shaft." *(Dr. M^a Fernanda Reis Gavazzoni)*

"An extract from the Rambutan fruit exhibited anti-pollution properties and health-promoting effects on hair" *(Dr. S. Mine)*

"There is a potential benefit for inclusion of photoprotectants agents into sun-protective cosmeceutical formulations to protect HF's from UVR-mediated damage" *(Dr. J. Gherardini)*



HIGHLIGHTS IN NEXT GENERATION SEQUENCING APPROACHES

"We have identified more than 50 different subpopulations of cells in the stromal part of the skin using single-cell RNA-sequencing, and we modeled the cellular differentiation of anagen hair follicle lineage specification.

– *Dr Maria Kasper*

There are four main Keratin 14 high subpopulations: two basal stem cell subpopulations and two basal transit subpopulations each with distinct immunostaining patterns

– *Dr Scott Atwood*

"It is possible to estimate the rate of change of gene expression and predict the future expression levels of a single cell by measuring the abundance of both unspliced and spliced RNA in the same cell."

– *Dr Gioele La Manno*

We found first evidence that bacterial microbiome extends below the infundibulum, close to structures of the immune privileged status. Expression of IL-17a and hBD2 may be correlated with the presence of microbiota in these areas.

– *Dr Polak-Witka*



KEYNOTE LECTURE: HOW FAR ARE WE FROM CLONING HAIR? (BY CLAIRE HIGGINS)

Highlights in histopathology

- New histologic findings in FFA: presence of adipose tissue in the dermis, involving the arrector pili muscle, and dermal displacement of eccrine sweat coils (*Dr. Mariya Miteva*)
- Biopsies in tractional alopecia may show significantly different histopathologic pictures. Samples from active areas may show evidence of inflammation and trichomalacia. (*Dr. Paradi Mimirani*)
- "Histopathology not only help us to reach a proper diagnosis, but also drives us to a correct clinical management" (*Dr. Lynne Goldberg*).
- "We propose that LPP and FFA may be distinct diseases that exhibit a similar pattern of lymphocyte-mediated follicular reaction". (*Dr. Özcan*).

Written by:



#TricoHRC Group

Ramón y Cajal
University Hospital
Madrid, Spain



Dr. Sergio Vañó-Galván
@SergioVanoG



Dr. David Saceda-Corralo
@desaze
@drdavidsaceda



Dr. Óscar M. Moreno-Arrones
@droscaarmunoz