



Satellite Symposia Series with leading experts in skin & hair science

Tuesday  
June  
09

## Impact of Oxidative Stress on Hair Condition: Treatment of Pre- and Post- Emergent Factors for Lifetime Scalp and Hair Health

17.00 to 19.00 - Vancouver Convention Centre - West 301

Chair: Professor Dr. Ulrike Blume-Peytavi MD, Charite Universitätsmedizin Berlin, Germany

Co-Chair: Dr. John Gray MD, Durban, South Africa

Faculty/Speakers: Professor Dr. Mark Birch-Machin PhD, University of Newcastle, UK  
Professor Dr. Ralph Trüeb MD, University of Zurich, Switzerland  
Dr. James R. Schwartz PhD, Procter and Gamble, Cincinnati, USA  
Dr. Jennifer Marsh PhD, Procter and Gamble, Cincinnati, USA

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### Summary

A healthy, dandruff free scalp and hair that is in good condition (healthy looking, strong and shiny) are highly desirable attributes for patients making both impact factors and solutions highly relevant to Dermatologists.

Whilst the role of oxidative stress has been widely discussed in relation to skin appearance (health and premature ageing) relatively little focus has been placed on its role in impacting scalp health and hair condition. We will explore both the science behind the role of oxidative stress and its impact upon lifetime scalp and hair health in addition to offering practical solution for integration into patients' at-home routines.

### Learning objectives

- i. Review the emerging role of oxidative stress – its definition; origins and mechanisms - as a key factor implicated in health, ageing and aesthetic conditions.
- ii. Reveal new research and understanding in the connections between oxidative stress and scalp health demonstrated via healthy and compromised scalp (using a dandruff model). Explore practical everyday management solutions to mitigate oxidative stress and deliver patient noticeable results
- iii. Discuss extrinsic sources of oxidative stress and practical technology solutions that provide patient orientated approaches to proactively preventing oxidative stress damage from environmental and patient induced habits and practices. Offer tangible everyday solutions for the management of existing damage to hair fibers to improve overall aesthetic hair quality.

Refreshments served at each symposium. Be sure to visit the P&G exhibition booth to learn more about our brands and the science behind them and receive your personal trial samples.