ISBS 2015 Symposium

Dialogues between Dermatologists and Scientists on In-vivo Measurements of Healthy and Diseased Skin
8 June 2015, Vancouver Convention Centre (Room West 306), Canada

Program Schedule

Time	Topic	Speaker(s)
08:00 – 08:40	**Registration**	
08:40 – 08:43	Welcome note from the ISBS organizing team and the WCD	Tim Lee & Harvey Lui
08:43 – 08:45	ISDIS-Greetings	Alexander Zemtsov
	Session I: Diseased skin: from diagnosis to monitoring (Chairs: Joachim Fluhr & Bernard Querleux)	
08:45 – 09:15	**(S1-1K) Keynote lecture I:** Instrumental evaluation of tattoo reactions	Jorgen Serup
09:15 – 09:30	**(S1-2)** A new objective method to study skin cell turnover	Rong Kong
09:30 – 09:45	**(S1-3)** Efficacy of chloasma severity reduction by intaking a nutrition product containing peptides and chrysanthemum extract – a double blind, placebo controlled clinical study	Dan Gan et al.
09:45 – 10:00	**(S1-4)** Unraveling the sensitive skin phenomenon: clinical, biophysical and immunohistochemical analysis of skin reactions to skin barrier disruption	Renée J.H. Richters et al.
10:00 – 10:15	**(S1-5)** Detecting streaks from dermoscopic images of pigmented skin lesions	Hengameh Mirzaalian et al.
10:15 – 10:30	**(S1-6)** Automated analysis of hair characteristics using a smartphone	Ali Majdzadeh et al.
10:30 – 10:50	**Coffee break**	
	Session II: Aging Skin and Ethnicity (Chairs: Tim Lee & Jorgen Serup)	
10:50 – 11:20	**(S2-1K) Keynote lecture II:** Senescent skin and ethnicity: biology and clinical signs drawing the border between skin disease and cosmetic alteration	Howard Maibach
11:20 – 11:50	**(S2-2K) Keynote lecture III:** Senescent skin and ethnicity: what have we learned through non-invasive methods	Bernard Querleux
11:50 – 12:05	**(S2-3)** Cosmetic application of in vivo reflectance confocal microscopy: non-invasive assessment of pigmentation in facial skin treatment with a novel skin brightening complex and series of very superficial chemical peels	Lisa T. Goberdhan et al.
12:05 – 12:20	**(S2-4)** Computerize image analysis as endpoints in clinical studies – challenges and opportunities	Sachin V. Patwardhan et al.
	Short presentations: **The Albert Kligman Young Investigator Scholarships Presentations**	
12:20 – 12:27	**(S2-5)** Noninvasive visualization of pheomelanin using coherent Raman scattering microscopy	Hequn (Tracy) Wang et al.
12:28 – 12:35	**(S2-6)** A novel method for producing camera– and illumination-independent images in dermoscopy	Ardalan Benam et al.
12:35 – 13:35	**Lunch break**	
	Session III: New methods (Chairs: Gary Grove & Chil Hwan Oh)	
13:35 – 13:50	**(S3-1)** Quantitative biochemical characterization of skin by measuring wave propagation and multi-scale imaging	Hassan Zahouani
13:50 – 14:05	**(S3-2)** Micro-morphological and functional maturation of the epidermis after birth	Joachim W. Fluhr et al.
14:05 – 14:20	**(S3-3)** Three-dimensional visualization of human epidermal structure based on geotopological parameters calculated from confocal reflectance microscopy images	Martial Guillaud et al.
14:20 – 14:35	**(S3-4)** Cutaneous porphyrins exhibit anti-stokes fluorescence that is detectable in sebum	Yunxian Tian et al.
14:35 – 15:00	**Coffee break**	
	Session IV: New techniques reaching the clinic (Chairs: Stacy Hawkins & Nikiforos Kollias)	
15:00 – 15:30	**(S4-1K) Keynote lecture IV:** Non-invasive skin assessment in dermatological diseases: practical approach	Joachim W. Fluhr
15:30 – 16:00	**(S4-2K) Keynote lecture V:** Non-invasive skin assessment in dermatological diseases: emerging methods based on multimodality optical spectroscopy and imaging	Haishan Zeng
16:00 – 16:15	**(S4-3)** Development of an automated image analysis technique for vasculature detection with an application to characterization of cutaneous vasculature in basal cell carcinoma	Pegah Kharazmi et al.
16:15 – 16:30	**(S4-4)** Monitoring of drug delivery into skin by electron paramagnetic resonance spectroscopy	Martina C. Meinke et al.
16:30 – 16:45	**(S4-5)** Unprecedented image contrast enhancement by a new fluorescence lifetime imaging microscopy technique	Ulrike Alexiev et al.
16:45 – 17:00	**(S4-6)** A novel imaging sensor for evaluating sweat gland activity	Gary Grove et al.
17:00	**Farewell address and end of the meeting**	Tim Lee & Harvey Lui