



The 10th World Congress on ITCH

November 17- 19 2019. Sydney, Australia

Monday, November 18, 2019

8:00 AM- 9:30 AM	<p>Morning session Hot off the bench: Latest news by investigators</p> <p>8:00-8:15 Tayler D. Sheahan, USA Dissecting the role of neurokinin-1 receptor spinal neurons in itch</p> <p>8:15-8:30 Manuel Pereira, Germany Selective nerve fiber activation in patients with chronic generalized pruritus</p> <p>8:30-8:45 Huasheng Yu, China MRGPRX4 is a novel bile acid receptor in cholestatic itch</p> <p>8:45-9:00 Miriam Düll, Germany Endogenous opioid levels do not correlate with itch intensity in hepatic pruritus</p> <p>9:00-9:15 Pierre Ophelie, France Role of cathepsin S and protease-activated receptor-2 in ciguatoxin-induced substance P release: New promising targets to relieve ciguatera pruritus</p> <p>9:15-9:30 Xiao-Jun Chen, China Multiplexing representation of itch, mechanical and thermal sensation in somatosensory cortex</p>	<p>Chairs: Andreas Kremer, Germany Leigh Nattkemper, USA</p>
9:30 AM-10:00 AM	<p>Bernhard Lecture Elke Weisshaar, Germany The world of itch</p>	<p>Chair: Earl Carstens, USA</p>
10-10:30 AM	<p>Coffee break</p>	
10:30AM- 11:00 AM	<p>Challenges of Itch Pete Smith, Australia: Itch in the upper airways Earl Carstens, USA: The challenge of basic itch research</p>	<p>Chairs: Dedee Murell, Australia; Matthias Ringkamp, USA</p>



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<p>11:00 AM-12:00 AM</p>	<p>Concurrent Session 1: Skin inflammation and itch 11:00-11:15 Roman Rukwied, Germany Transcutaneous sinusoidal currents elicit pruritus in atopic dermatitis patients 11:15-11:30 Mitsutoshi Tominaga, Japan Role of spinal cholecystokinin receptor 2 in alloknesis models 11:30-11:45 Tiphaine Voisin, USA Cysteinyl leukotrienes mediate chronic itch through cyslr2 receptor in mouse model of atopic dermatitis 11:45-12:00 Sven-Eric Jordt, USA Transcriptome profiling reveals Th2 bias and identifies TSLP as a key endogenous itch mediator in a model of poison ivy contact dermatitis</p>	<p>Chairs: Xinzhong Dong, USA; Roman Rukwied, Germany</p>
<p>11:00 AM-12:00 PM</p>	<p>Concurrent Session 2: Psoriasis and itch 11:00-11:15 Konstantin Agelopoulos, Germany Altered cutaneous nerve fibre architecture in psoriatic skin recovers upon treatment with secukinumab 11:15-11:30 Kristina Duffin, USA SNA-120, a novel topical non-steroidal therapy for psoriasis and associated pruritus that the NGF/TrkA pathway: results from a multicenter phase 2b study. 11:30-11:45 Sonja Ständer, Germany Itch characteristics in psoriasis: results of a phase 2b study of SNA-120, a topical TrkA inhibitor, in mild-to-moderate psoriasis 11:45-12:00 Adam Reich, Poland Is accelerometry a useful tool for pruritus</p>	<p>Chairs: Jacek Szepietowski, Poland Toshiya Ebata, Japan</p>



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	severity assessment? Analysis of the data achieved in patients suffering from psoriasis	
12:00- 12:45 PM	Lunch – Proudly Sponsored by Pfizer, poster viewing	
12:45 PM-2:00 PM	<p>Plenary session:</p> <p>New antipruritic treatments</p> <p>12:45-1:00 Sonja Ständer, Germany Novel therapies on chronic prurigo</p> <p>1:00-1:15 Gil Yosipovitch, USA The future of itch management</p> <p>1:15-1:30 Rodney Sinclair, Australia The relationship between pruritus and sleep improvement: Post Hoc analysis of a zed, double-blind phase 3 clinical trial of Abrocitinib</p> <p>1:30-1:45 Mary Spellman, USA Effects of serlopitant on pruritus associated with psoriasis: worst itch numeric rating scale responder analysis of a phase 2 randomized double-blind placebo-controlled clinical trial</p> <p>1:45-2:00 Jacek Szepietowski, Poland Difelikefalin reduced itch intensity in hemodialysis patients with moderate-to-severe pruritus in an 8-week randomized, placebo-controlled study</p>	Chairs: Sonja Ständer, Germany; Gil Yosipovitch, USA
2:00 PM- 2:30 PM PM	Coffee Break and poster Discussions	
2:30 PM- 4:00 PM	<p>Concurrent Session 1:</p> <p>Methods in itch research (clinical)</p> <p>2:30-2:40 Alan Fleischer, USA Methods in clinical itch research: an introduction</p> <p>2:40-2:50 Christina Schut, Germany Is histamine-induced itch related to personality</p>	Chairs: Alan Fleischer, USA; Christina Schut, Germany



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	<p>characteristics in patients with atopic dermatitis and healthy skin controls? 2:50-3:00 Toshiya Ebata, Japan Recent advance in the use of actigraphy for chronic pruritus 3:00-3:10 Han Heul Jo, USA Using motion, sound, and machine learning to measure scratch with a skin-mounted, soft, wireless and flexible acoustomechanic sensor: performance with confounding activities 3:10-3:25 Andrey Lvov, Russia Somatoform itch and "itch-like" skin sensations: what do we know about these psychosomatic phenomena? 3:25-3:35 Kazuaki Okamoto, Japan Measurement of nocturnal scratching with Itch Tracker in patients with chronic pruritus; a multi-regional study using a medical research framework for mobile app users 3:35-3:50 Marco DiBonaventura, USA The relationship between pruritus, sleep disruption and quality of life among patients with moderate-to-severe Atopic Dermatitis (AD) 3:50-4:00 Yuebin Zhao, Australia Transcutaneous electrical nerve stimulation for chronic pruritus management: a systematic review and meta-analysis</p>	
2:30 PM- 4:00 PM	<p>Concurrent Session 2: Methods in itch research (experimental) 2:30-2:45 Zhou-Feng Chen, USA Genetic and functional studies of the role of GRP in sensory neurons and spinal cord 2:45-3:00</p>	<p>Chairs: Hiroyuki Murota, Japan Zhou-Feng Chen, USA</p>



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	<p>Yao-Qing Yu, China Contagious itch behaviors in mice: from model to molecules 3:00-3:15</p> <p>Taylor Follansbee, USA Effects of rostral ventromedial medullary tachykinin 1 receptor (NK-1R) expressing neurons on the descending modulation of itch 3:15-3:30</p> <p>Inan Saadet, USA Nalbuphine, a kappa opioid receptor agonist and mu opioid receptor antagonist attenuates pruritus, decreases IL-31 and increases IL-10 in mice with contact dermatitis 3:30-3:45</p> <p>Nivanthika Wimalasena, USA: Scratching and sensory deficits in an Nav 1.7 gain of function mouse model 3:45-4:00</p> <p>Hiroyuki Murota, Japan Recent evidence on the mechanism of sweat-related itch in atopic dermatitis</p>	
4:00 PM- 5:00 PM	General Assembly Meeting	
5:15 PM-5:45 PM	IFSI Board Meeting	
6:45 PM	Gala Dinner & Cruise, Sydney Harbour	



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Sunday, November 17, 2019

8:00 AM-5:00PM	Registration
9:00 AM-12:00 PM	IFSI board meeting
10 AM-12 PM	Introduction to Itch (overview for students, researchers new to itch)
1:00 PM-5:00 PM	<p>IFSI Special Interest Groups (SIGs)</p> <p>1st Global SIG Day - International Harmonization of Standards & Proceedings in Itch</p> <p>Chairs: Sonja Ständer (Germany), Gil Yosipovitch (USA), Jacek Szepletowski (Poland), Toshiya Ebata (Japan)</p> <p>1:00-1:15 - Introduction and Overview Sonja Ständer (Germany)</p> <p>1:15-2:05 - SIG Terminology and Guidelines & Assessment of Itch 1:15-1:25 - Novel Guideline on Prurigo - where are we? Sonja Ständer (Germany)</p> <p>1:25-1:35 - A responder in clinical trials - what is it? Yosipovitch Gil (USA)</p> <p>1:35-1:45 - Pediatric itch - how do we assess and unique factors? Suephy C. Chen (USA)</p> <p>1:45-2:05 - Discussion</p> <p>2:05-2:30 - SIG Itch Questionnaires</p> <p>2:05-2:15 - International Itch Questionnaire - Mission Impossible? Elke Weisshaar (Germany)</p> <p>2:15-2:30- Discussion</p> <p>2:30-3:00 - SIG Itch in Systemic diseases Controversy: Pruritus in the Elderly VS Chronic Pruritus of Unknown Origin</p> <p>2:30-2:40 - Chronic Pruritus of Unknown Origin (CPUO): Uniform Nomenclature and Diagnosis as a Pathway to Standardized Understanding and Treatment Gil Yosipovitch (USA)</p> <p>2:40-3:00 - Podiums Discussion & Consensus: Ethan Lerner (USA), Timothy G. Berger (USA), Toshiya Ebata (Japan), Andreas Kremer (Germany), Jazek</p>



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	<p>Szepietowski (Poland), Elke Weisshaar (Germany), Sonja Ständer (Germany), Gil Yosipovitch (USA)</p> <p>3:00-3:30 – Afternoon Tea</p> <p>3:30-4:00 – SIG Sensitive Skin</p> <p>3:30-3:40 – Sensitive skin: Update of a sensitive issue Laurent Misery (France)</p> <p>3:40-4:00 – Discussion</p> <p>4:00-4:45 – NEW SIG Psychological factors in itch</p> <p>4:00-4:25 – Special Interest Group ‘Psychological factors in itch’: Update and new initiatives Andrea W.M. Evers (Netherlands), Jörg Kupfer (Germany)</p> <p>4:25-4:45 – Discussion & Consensus on Proceedings</p> <p>4:45-5:00 – Summary Toshiya Ebata (Japan)</p>
3:00 PM- 3:30 PM	Poster/Exhibition Space and Afternoon Tea
5:15- 8:00 PM	Opening Ceremony and Welcome Reception



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Tuesday, November 19, 2019

8:00 AM - 9:30 AM	<p>Morning session: Hot off the bench: Latest news by young investigators 8:00-8:15 Radomir Reszke, Poland: Revisiting itch in psoriasis 8:15-8:30 MV Rosso, Argentina Improvement of pruritus with topical dapsone in children with Dermatitis herpetiformis 8:30-8:45 Helen Kühn, Germany Identification of novel MRGX2-agonists triggering mast cell degranulation and potentially mediating drug-induced pruritus 8:45-9:00 Blythe S, Netherlands Nocebo effects on cowhage-evoked itch: Results of an experimental model of learning processes. 9:00-9:15 Wen-Zhen Chen, China Tac1-expressing neurons in the periaqueductal gray facilitate the itch-scratch cycle via descending regulation. 9:15-9:30 Leigh Nattkemper, USA Immunohistochemical analysis of IL-31, oncostatin M, and their receptors in prurigo nodularis</p>	<p>Chairs: Frank Brennan, Australia; Manuel Pereira, Germany</p>
9:30 AM-10:00 AM	<p>Kuraishi Lecture: Robert LaMotte, USA Itch, pain and nociceptor plasticity in allergic contact dermatitis</p>	<p>Chair: Earl Carstens</p>
10:00 AM-10:30 AM	<p>Coffee break and poster viewing</p>	
10:30 AM-11:00 AM	<p>Atopic dermatitis and itch 10:30-10:40 Melinda J Gooderham, Canada:</p>	<p>Chairs: Ethan Lerner, USA; Asit Mital, India</p>



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	<p>Relationship between systemic biomarkers of Atopic Dermatitis (AD) and pruritus from a phase 2b study of once-daily oral janus kinase 1 inhibitor abrocitinib in moderate-to-severe AD</p> <p>10:40-10:50 Sarah Welsh, USA</p> <p>A Combined Responder Analysis of Tradipitant Demonstrates Significant Improvements in Itch and Disease Severity</p> <p>10:50-11:00 Ethan Lerner, USA</p> <p>Mrgprs in itch</p>	
11:00 AM-12:00 PM	<p>Concurrent Session 1: Patient's perspectives and patient reported outcomes</p> <p>11:00-11:15: Christian Apfelbacher, Germany Patient-reported outcome measures for pruritus: Issues to consider when selecting measurement instruments</p> <p>11:15-11:30 Robert Bissonnette, USA Itch patient- reported outcomes (PROs) with abrocitinib treatment in patients with moderate-to-severe Atopic Dermatitis (AD): results from a randomized phase 3 clinical trial</p> <p>11:30-11:45 Karsten Weller, Germany Development and validation of the Prurigo Control Test (PCT)-A patient reported outcome measure to assess disease control in chronic prurigo</p> <p>11:45-12:00 Stephanie Meeuwis, Netherlands Open- and closed-label nocebo and placebo verbal suggestions regarding a sham transdermal caffeine patch: effects on itch</p>	<p>Chairs: Christian Apfelbacher, Germany; Andrea Evers, Netherlands</p>
11:00 AM-12:00 PM	<p>Concurrent Session 2: Itch and Pain</p>	<p>Chairs: Diana Bautista, USA</p>



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	<p>11:00-11:15 Martin Schmelz, Germany Itch and pain - an update</p> <p>11:15-11:30 Behrang Sharif, Canada A single afferent subset can transmit itch or pain by differential recruitment of TRP channels</p> <p>11:30-11:45 Tasuku Akiyama, USA The role of the amygdala in itch and anxiety</p> <p>11:45-12:00 Diana Bautista, USA Potential targets of analgetic and antipruritic treatment: a cellular and molecular perspective</p>	<p>Martin Schmelz, Germany</p>
<p>12- 12:45 PM</p>	<p>Lunch and poster viewing</p>	
<p>12:45 PM-2:15 PM</p>	<p>Concurrent Session 1 Prurigo and other pruritic skin diseases</p> <p>12:45-1:00 Hartmut Ständer, Germany Diagnostic and treatment algorithm for chronic nodular prurigo</p> <p>1:00-1:10 Madison Ngyen, USA: Trends in the demographic and treatment of prurigo nodularis in the United States</p> <p>1:10-1:20 Emilie Brenaut, France The self-assesses psychological comorbidities of prurigo in European patients: A multi-centre study in 13 countries</p> <p>1:20-1:30 Asit Mittal, India Clinical and neuro-physiological study of chronic prurigo</p> <p>1:30-1:45 Claudia Zeidler, Germany Novel instruments for the assessment of chronic prurigo</p>	<p>Chairs: Kenji Takamori, Japan; Elke Weisshaar, Germany</p>



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	<p>1:45-2:00 Kenji Takamori, Japan Opioids and itch in the periphery</p>	
12:45 PM-2:15 PM	<p>Concurrent Session 2 New receptors, channels and pathways for itch 12:45-1:00 YanGang Sun, China: Synaptic control of spinal GRPR⁺ neurons by local and long-range inhibitory inputs 1:00-1:15 Mark Hoon, USA Itch-neurons and their receptors 1:15-1:30 Tsugunobu Andoh, Japan α-Melanocyte-stimulating hormone and itching in atopic dermatitis 1:30-1:45 Ferda Cevikbas, USA: IL-13 as a neuronal enhancer for itch in human sensory neurons 1:45-2:00 Matthias Ringkamp, USA β-alanine and bovine adrenal medullary protein 8-22 preferentially activate subtypes of polymodal C-fibers in pigtail monkeys 2:00-2:15 Santosh Mishra, USA: Role of Integrin in Chronic Allergic Itch</p>	<p>Chairs: Ferda Cevikbas, USA; YanGang Sun, China</p>
2:15 PM- 2:45 PM	<p>Coffee Break and poster Discussions</p>	
2:45 PM-3:45 PM	<p>Concurrent Session 1 Epidemiology of itch and quality of life 2:45-3:00 Manuel Pereira, Germany: Chronic nodular prurigo: A cross-sectional European Study. 3:00-3:10 Chan KT Michael, China A Community Epidemiological Survey on the Prevalence and Risk Factors of Sensitive Skin Syndrome in Hong Kong using a validated Sensitive Scale -10 (SS-10) Questionnaire 3:10-3:20</p>	<p>Chairs: Suphey Chen, USA; Martin Metz, Germany</p>



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	<p>Usma Iftikhar, Pakistan Quality of life in patients with uraemic pruritis 3:20-3:30</p> <p>Yicong Liang, Australia Pruritus in bullous pemphigoid: correlation with disease activity (ABSIS and BPDAl) and quality of life (ABQOL) 3:30-3:45</p> <p>Sandy Francois, USA Validation of TweenItchyQol and ItchyQuant for older children</p>	
2:45 PM-3:45 PM	<p>Concurrent Session 2 New imaging techniques and other aspects of itch 2:45-3:00</p> <p>Martina Pagani, Switzerland Closure of Kir2 Potassium Channels and Subsequent Inactivation of A-Type Potassium Channels Underlie the Critical Role of Gastrin-Releasing Peptide in Spinal Itch Relay 3:00-3:10</p> <p>Hong Liang Tey, Singapore 3D Neuroanatomy of the cutaneous itch nervous system 3:10-3:20</p> <p>Won-Sik Shim, Republic of Korea Importance of BAM8-22 and its receptor MRGPRX1 in cholestatic pruritus 3:20-3:30</p> <p>Keiko Takanami, Japan Chronic stress affects itch sensitivity and male sexual function in rats 3:30-3:45</p> <p>Fang Wang, USA A novel model of allergen-provoked itch in the setting of atopic dermatitis-like disease</p>	<p>Chairs: Robert LaMotte, USA; Uli Zeilhofer, Switzerland</p>
3:50 PM-4:30 PM	<p>Plenary Session Future perspectives</p>	<p>Chairs: Earl Carstens, USA; Elke Weisshaar, Germany</p>
3:50 PM-4:10 PM	<p>Andrea Evers, Netherlands New perspectives for the treatment of</p>	



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	chronic itch: from learning to itch sensitization	
4:10 PM-4:30 PM	Martin Steinhoff, Qatar Future perspectives in basic research of itch	
4:30 PM-5:00 PM	Closing Ceremony	
	Handwerker Prize; Poster Prizes; Travel Grant winners	
	Closing remarks: Frank Brennan (Congress President), Earl Carstens (IFSI President)	
6:00 PM	IFSI Board Dinner	