



# The 10th World Congress on ITCH

## November 17- 19 2019. Sydney, Australia

**Monday, November 18, 2019**

8:00 AM- 9:30 AM	<p><b>Morning session</b>  <b>Hot off the bench: Latest news by young investigators</b>  <b>8:00-8:15</b>  Tayler D. Sheahan, USA  Dissecting the role of neurokinin-1 receptor spinal neurons in itch  <b>8:15-8:30</b>  Manuel Pereira, Germany  Selective nerve fiber activation in patients with chronic generalized pruritus  <b>8:30-8:45</b>  Huasheng Yu, China  MRGPRX4 is a novel bile acid receptor in cholestatic itch  <b>8:45-9:00</b>  Miriam Düll, Germany  Endogenous opioid levels do not correlate with itch intensity in hepatic pruritus  <b>9:00-9:15</b>  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  <b>9:15-9:30</b>  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><b>Bernhard Lecture</b>  Elke Weisshaar, Germany  The world of itch</p>	<p>Chair: Earl Carstens, USA</p>
10-10:30 AM	<p><b>Coffee break</b></p>	
10:30AM- 11:00	<p><b>Challenges of Itch</b>  Peter Smith, Australia: Itch in the upper airways</p>	<p>Chairs:  Dedee Murrell,</p>



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	Earl Carstens, USA: The challenge of basic itch research	Australia; Matthias Ringkamp, USA
11:00 AM-12:00 AM	<p><b>Concurrent Session 1:</b>  <b>Skin inflammation and itch</b></p> <p><b>11:00-11:15</b>  Roman Rukwied, Germany  Transcutaneous sinusoidal currents elicit pruritus in atopic dermatitis patients</p> <p><b>11:15-11:30</b>  Mitsutoshi Tominaga, Japan  Role of spinal cholecystokinin receptor 2 in allodynia models</p> <p><b>11:30-11:45</b>  Tiphaine Voisin, USA  Cysteinyl leukotrienes mediate chronic itch through cyslr2 receptor in mouse model of atopic dermatitis</p> <p><b>11:45-12:00</b>  Boyi Liu, China  Transcriptome profiling reveals Th2 bias and identifies TSLP as a key endogenous itch mediator in a model of poison ivy contact dermatitis</p>	Chairs: Xinzhong Dong, USA; Roman Rukwied, Germany
11:00 AM-12:00 PM	<p><b>Concurrent Session 2:</b>  <b>Psoriasis and itch</b></p> <p><b>11:00-11:15</b>  Konstantin Agelopoulos, Germany  Altered cutaneous nerve fibre architecture in psoriatic skin recovers upon treatment with secukinumab</p> <p><b>11:15-11:30</b>  Kristina Duffin, USA  SNA-120, a novel topical non-steroidal therapy for psoriasis and associated pruritus that</p> <p>the NGF/TrkA pathway: results from a multicenter phase 2b study.</p> <p><b>11:30-11:45</b>  Sonja Ständer, Germany</p>	Chairs: Jacek Szepletowski, Poland Toshiya Ebata, Japan



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	<p>Itch characteristics in psoriasis: results of a phase 2b study of SNA-120, a topical TrkA inhibitor, in mild-to-moderate psoriasis  <b>11:45-12:00</b>  Adam Reich, Poland</p> <p>Is accelerometry a useful tool for pruritus severity assessment? Analysis of the data achieved in patients suffering from psoriasis</p>	
12:00- 12:45 PM	<b>Lunch and poster viewing - sponsored by</b>	
12:45 PM-2:00 PM	<p><b>Plenary session:</b>  <b>New antipruritic treatments</b>  <b>12:45-1:00</b>  Sonja Ständer, Germany  Novel therapies on chronic prurigo</p> <p><b>1:00-1:15</b>  Gil Yosipovitch, USA  The future of itch management</p> <p><b>1:15-1:30</b>  Rodney Sinclair, Australia  The relationship between pruritus and sleep improvement: Post Hoc analysis of a  ized,  double-blind phase 3 clinical trial of Abrocitinib</p> <p><b>1:30-1:45</b>  David Pariser, 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><b>1:45-2:00</b>  Jacek Szepietowski, Poland  Difelikefalin reduced itch intensity in hemodialysis patients with moderate-to-severe pruritus in an 8-week randomized, placebo-controlled study</p>	<p>Chairs:  Sonja Ständer, Germany; Gil Yosipovitch, USA</p>



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<p>2:30 PM- 4:00 PM</p>	<p><b>Concurrent Session 1:</b>  <b>Methods in itch research (clinical)</b>  <b>2:30-2:40</b>  Alan Fleischer, USA  Methods in clinical itch research: an introduction  <b>2:40-2:50</b>  Christina Schut, Germany  Is histamine-induced itch related to personality characteristics in patients with atopic dermatitis and healthy skin controls?  <b>2:50-3:00</b>  Toshiya Ebata, Japan  Recent advance in the use of actigraphy for chronic pruritus  <b>3:00-3:10</b>  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  <b>3:10-3:25</b>  Andrey Lvov, Russia  Somatoform itch and "itch-like" skin sensations: what do we know about these psychosomatic phenomena?  <b>3:25-3:35</b>  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  <b>3:35-3:50</b>  Marco DiBonaventura, USA  The relationship between pruritus, sleep disruption and quality of life among patients with moderate-to-severe Atopic Dermatitis (AD)</p>	<p>Chairs:  Alan Fleischer, USA;  Christian Schuth, Germany</p>
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	<p><b>3:50-4:00</b> 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><b>Concurrent Session 2: Methods in itch research (experimental)</b></p> <p><b>2:30-2:45</b> Zhou-Feng Chen, USA Genetic and functional studies of the role of GRP in sensory neurons and spinal cord</p> <p><b>2:45-3:00</b> Yao-Qing Yu, China Contagious itch behaviors in mice: from model to molecules</p> <p><b>3:00-3:15</b> Taylor Follansbee, USA Effects of rostral ventromedial medullary tachykinin 1 receptor (NK-1R) expressing neurons on the descending modulation of itch</p> <p><b>3:15-3:30</b> 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</p> <p><b>3:30-3:45</b> Nivanthika Wimalasena, USA: Scratching and sensory deficits in an Nav 1.7 gain of function mouse model</p> <p><b>3:45-4:00</b> Hiroyuki Murota, Japan Recent evidence on the mechanism of sweat-related itch in atopic dermatitis</p>	<p>Chairs: Hiroyuki Murota, Japan Zhou-Feng Chen, USA</p>
4:00 PM- 5:00 PM	<b>General Assembly Meeting</b>	
5:15 PM-5:45 PM	<b>IFSI Board Meeting</b>	
6:45 PM	<b>Gala Dinner &amp; Cruise, Sydney Harbour</b>	