

SUNDAY, OCTOBER 25		
15:00-17:00	IFSI-Board Meeting of Directors: Plaza 4F 'Orchid' (only for IFSI-board <u>directors</u>)	
17:00-	Registration: Plaza 4F Lobby	
19:00-21:00	Welcome Reception: Plaza 1F 'Galaxy'	
MONDAY, OCTOBER 26		
7:30-8:00	Breakfast Box Pick-Up: Plaza 4F 'Jupiter'	
	Main Conference Hall: Plaza 4F 'Jupiter'	Poster Hall: Plaza 4F 'Neptune'
8:00-8:05	Opening Remarks from Organizer and IFSI President	Kenji Takamori Sonja Ständer
8:05-9:05	Breakfast Symposium of IFSI-SIG and National Eczema Association "Itch Scoring in Clinical Trials"	Chairs: Toshiya Ebata Sonja Ständer Jacek Szepletowski
8:05-8:15	Overview of itch measurements	Toshiya Ebata
8:15-8:25	Special Interest Group (SIG): Measurement of itch in clinical trials	Sonja Ständer
8:25-8:35	Visual analogue scale as a validated assessment of pruritus intensity	Adam Reich
8:35-8:45	Patient reported outcomes: Quality of life and patient benefit index	Matthias Augustin
8:45-8:55	General discussion between chairpersons and audience	
8:55-9:05	Final conclusions and determination of next steps	Jacek Szepletowski
9:15-9:55	New Clinical Aspects and Concepts of Itch and Itchy Diseases	Chairs: Jeffrey Bernhard Sonja Ständer
9:15-9:30	What is brachioradial pruritus?	Sonja Ständer
9:30-9:45	Itch sui generis	Jeffrey Bernhard
9:45-9:55	Psychopathological tactile phenomena mimicking itch (to the problem of qualification in dermatological practice)	Andrey Lvov
9:55-10:45	Epidemiology of Itch	Chairs: Yoshiaki Miyachi Elke Weisshaar
9:55-10:10	Prevalence of atopic dermatitis in Japan	Masutaka Furue
10:10-10:25	The epidemiology of chronic itch	Elke Weisshaar
10:25-10:35	National epidemiological study in Germany: Pruritus in a cohort of 11,700 employees	Christine Blome
10:35-10:45	Multidimensional database for pruritus patients-Statistical evaluation of clinical characteristics	Tobias Lotts
10:45-11:15	Coffee Break & Poster Discussion (PC 01-22)	
11:15-12:20	Brain-Imaging of Itch	Chairs: Kazuhiko Yanai Gil Yosipovitch
11:15-11:30	What can fMRI tell us about the central representation of itch and its modulation?	Clemens Forster
11:30-11:45	Temporal aspect of the brain mechanism of itch: Human EEG and MEG studies	Hideki Mochizuki
11:45-12:00	Imaging of chronic itch and scratch and its challenges	Gil Yosipovitch
12:00-12:10	PET study of brain activation following histamine-induced itch: Central modulation with a high distraction task.	Laure Bergeret
12:10-12:20	A tale of two itches: Common features and notable differences in brain activation revealed in a comparative fMRI study of cowhage and histamine induced itch	Alexandru Papoiu
12:30-13:40	Luncheon Seminar "Atopic Dermatitis"	Chair: Jeffrey Bernhard
12:40-13:10	Neural and inflammatory aspects of itch responses in atopic dermatitis: New action mechanism of anti-histaminic drug on mite antigen-induced skin lesions in NC/Nga mice	Ichiro Katayama
13:10-13:40	Serine protease - PAR2 signaling of permeability barrier homeostasis	Peter Elias
13:50-15:15	Neural Mechanisms of Itch-Part 1: Rodent Studies	Chairs: Earl Carstens Yasushi Kuraishi
13:50-14:05	Sphingosylphosphorylcholine and itch	Tsugunobu Andoh
14:05-14:20	Cellular basis of itch sensation	Zhou-Feng Chen
14:20-14:35	Itch sensitization in rodent models	Earl Carstens
14:35-14:45	Enhanced scratching in a mouse model of chronic dry skin itch	Tasuku Akiyama
14:45-14:55	Ethanol aggravates itch-related scratching via central depressant actions in hairless mice with atopic dermatitis	Masanori Fujii
14:55-15:05	Oral administration of dihomo-gamma-linolenic acid prevents itch in atopic NC/NgaTnd mice through PGD1 production	Akane Tanaka
15:05-15:15	Flaky tail mouse as a possible model of atopic dermatitis: Pruritus-associated response induced in flaky tail mouse	Catharina Moniaga
15:15-15:45	Coffee Break & Poster Discussion (PB 01-21)	
15:45-16:30	Neural Mechanisms of Itch-Part 2: Other Animal Studies	Chairs: Matthias Ringkamp Martin Schmelz
15:45-16:00	Primary afferents and the sensation of itch	Richard Meyer
16:00-16:15	Studies of pruriceptive and nociceptive responses of spinothalamic tract (STT) neurons in monkeys	Glenn Giesler
16:15-16:30	Similar mechanisms of sensitization in itch and pain?	Martin Schmelz
16:30-17:35	Neural Mechanisms of Itch-Part 3: Human Studies	Chairs: Akihiko Ikoma Robert LaMotte
16:30-16:45	Neurophysiological and psychophysical studies on histaminergic and non-histaminergic itch	Hermann Handwerker
16:45-17:00	Neuropathic Itch: Insights from patients and rat models	Anne Oaklander
17:00-17:15	Psychophysical studies of itch in humans: Implications for neural coding	Robert LaMotte
17:15-17:25	The new approach to studying neurophysiological mechanisms of itch: Evoked potentials to electrical and thermal stimulation in patients with atopic dermatitis	Dmitriy Romanov
17:25-17:35	Mechanically evoked itch in humans	Akihiko Ikoma
18:00	Departure for Tokyo Night Tour "Yakatabune Cruise": Plaza 3F Main Entrance (coming back to Chinzan-so around 21:30)	

TUESDAY, OCTOBER 27		
7:30-8:00	Breakfast Box Pick-Up: Plaza 4F 'Jupiter'	
	Main Conference Hall: Plaza 4F 'Jupiter'	Poster Hall: Plaza 4F 'Neptune'
8:00-8:45	Breakfast Seminar "Psychotherapy for Itch"	Chair: Hermann Handwerker
	Self-hypnosis training for symptom management: Applications for pain and itch	Mark Jensen
8:55-10:30	Skin Neurobiology	Chairs: Martin Steinhoff Makoto Tominaga
8:55-9:10	Inhibition of mouse scratching behavior by tacrolimus and its mechanisms	Naoki Inagaki
9:10-9:25	Transient receptor potential vanilloid 3 (TRPV3) has a role in the development of itchy dermatitis	Takeshi Yoshioka
9:25-9:40	Role of proteinase-activated receptors and peptidases in skin inflammation and pruritus	Martin Steinhoff
9:40-9:55	TRP channel functions in the skin keratinocytes	Makoto Tominaga
9:55-10:10	IL-31: An important player in the scene of itch	Ferda Cevikbas
10:10-10:20	Artemin is expressed in substance P-treated dermal fibroblasts, and contribute to the peripheral nerve fiber sprouting.	Hiroyuki Murota
10:20-10:30	Topical cholecystokinin depresses itch-associated scratching behavior in mice	Shoko Fukamachi
10:30-11:00	Coffee Break & Poster Discussion (PB 01-21)	
11:00-11:50	Opioids and Itch	Chairs: Paul Bigliardi Kenji Takamori
11:00-11:15	Role of skin opioid receptor system in itch	Mei Bigliardi-Qi
11:15-11:30	Differential modulations of itch scratching by endogenous opioidpeptides in the monkey spinal cord	Mei-Chuan Ko
11:30-11:40	Brain opioid receptor responses to psychological stress in atopic dermatitis model mice	Hiroo Amano
11:40-11:50	Implications for peripheral opioid systems to pruritus	Mitsutoshi Tominaga
12:00-12:55	Luncheon Seminar "Animal Model of Atopic Dermatitis"	Chair: Gil Yosipovitch
12:10-12:55	Update on NC/NgaTnd mice as an atopic dermatitis model	Hiroshi Matsuda
13:05-14:15	Chronic Itch-Part 1: Intractable Itch	Chairs: Torello Lotti Jacek Szepietowski
13:05-13:20	Intractable itch in terminal care	Zbigniew Zylicz
13:20-13:35	Neuropeptidergic intractable itch: Problems and solutions	Torello Lotti
13:35-13:50	Pruritus in psoriasis: An update	Jacek Szepietowski
13:50-14:05	Autotaxin is a potential mediator of cholestatic pruritus	Andreas Kremer
14:05-14:15	Uremic pruritus: Bilateral symmetry and itch-associated morbidity	Dawn McGuire
14:15-15:30	Chronic Itch-Part2: New Therapeutic Perspectives	Chairs: Alan Fleischer Thomas Mettang
14:15-14:30	Serum concentrations of substance P are increased in cholestasis: Potential clinical implications.	Nora Bergasa
14:30-14:45	Therapeutic strategies in chronic pruritus with systemic disease	Thomas Mettang
14:45-15:00	Therapeutic advances in treating itch	Alan Fleischer
15:00-15:10	Results of a clinical study featuring the sensory evaluation, on humans, of the antipruritic effect of a topical superoxide dismutase	Christian Diehl
15:10-15:20	A randomized, multicenter trial of topical tacrolimus for treatment of pruritus in patients with atopic dermatitis	Satoshi Takeuchi
15:20-15:30	Efficacy of sweat-antigen-inactivating spray on itching of patients with atopic dermatitis	Hajime Shindo
15:30-16:00	Coffee Break & Poster Discussion (PC 01-22)	
16:00-17:05	Psychology and Psychiatry in Itch	Chairs: Masutaka Furue Uwe Gieler
16:00-16:15	Psychogenic pruritus	Laurent Misery
16:15-16:30	Psychosomatic aspect and itch in patients with atopic dermatitis	Makoto Hashiro
16:30-16:45	Psychology of itch – Somatoform pruritus	Uwe Gieler
16:45-16:55	A multidisciplinary training programme for patients with chronic pruritus	Uwe Matteredne
16:55-17:05	Suicidal ideation in itch	Florence Dalgard
17:05-17:50	IFSI General Assembly: Plaza 4F 'Jupiter'	
19:00-21:00	Congress Banquet: Hotel 1F 'Ball Room'	
WEDNESDAY, OCTOBER 28		
8:00	Breakfast Box Pick-Up & Departure: Hotel 3F Main Entrance (Chinzan-so === Nikko=== Nikko Kanaya Hotel)	
12:00-13:00	Lunch in Nikko	
13:00-16:30	Sightseeing at 'Nikko Toshogu' Shrine	
17:30-18:30	Satellite Symposium in Nikko "Opioid Kappa and Itch"	Chairs: Paul Bigliardi Kenji Takamori
17:30-17:50	Opioids and itch: Central and peripheral mechanisms	Martin Schmelz
17:50-18:10	Pharmacological properties of nalfurafine, a novel antipruritic and kappa-opioid receptor agonist	Kaoru Nakao
18:10-18:30	Effect of a novel kappa receptor agonist, nalfurafine, for severe itch in 337 hemodialysis patients: Phase III, randomized, double-blind, placebo-controlled study	Hiroo Kumagai
19:00-21:00	Farewell Dinner at Nikko Kanaya Hotel	
THURSDAY, OCTOBER 29		
5:00	Departure of Bus 1: Hotel === Narita Airport (around 10:00)	
8:00	Departure of Bus 2: Hotel == Sightseeing == JR Nikko Sta. (around 14:00) == Tokyo Chinzan-so (around 18:00) == Narita Airport (around 20:30)	

5th IWSI Oral Presentation List

No.	Presenter	Title
OP 01	Toshiya Ebata	Overview of itch measurements
OP 02	Sonja Ständer	Special Interest Group (SIG): Measurement of itch in clinical trials
OP 03	Adam Reich	Visual analogue scale as a validated assessment of pruritus intensity
OP 04	Matthias Augustin	Patient reported outcomes: Quality of life and patient benefit index
OP 05	Sonja Ständer	What is brachioradial pruritus?
OP 06	Jeffrey Bernhard	Itch sui generis
OP 07	Andrey Lvov	Psychopathological tactile phenomena mimicking itch (to the problem of qualification in dermatological practice)
OP 08	Masutaka Furue	Prevalence of atopic dermatitis in Japan
OP 09	Elke Weisshaar	The epidemiology of chronic itch
OP 10	Christine Blome	National epidemiological study in Germany: Pruritus in a cohort of 11,700 employees
OP 11	Tobias Lotts	Multidimensional Database for Pruritus Patients-statistical evaluation of clinical characteristics
OP 12	Clemens Forster	What can fMRI tell us about the central representation of itch and its modulation?
OP 13	Hideki Mochizuki	Temporal aspect of the brain mechanism of itch: Human EEG and MEG studies
OP 14	Gil Yosipovitch	Imaging of chronic itch and scratch and its challenge
OP 15	Laure Bergeret	PET study of brain activation following histamine-induced itch : central modulation with a high distraction task.
OP 16	Alexandru Papoiu	A tale of two itches: Common features and notable differences in brain activation revealed in a comparative fMRI study of cowhage and histamine induced itch
OP 17	Ichiro Katayama	Neural and inflammatory aspects of itch responses in atopic dermatitis: New action mechanism of anti-histaminic drug on mite antigen-induced skin lesions in NC/Nga mice.
OP 18	Peter Elias	Serine protease - PAR2 signaling of permeability barrier homeostasis
OP 19	Tsugunobu Andoh	Sphingosylphosphorylcholine and itch
OP 20	Zhou-Feng Chen	Cellular basis of itch sensation
OP 21	Earl Carstens	Itch sensitization in rodent models
OP 22	Tasuku Akiyama	Enhanced scratching in a mouse model of chronic dry skin itch
OP 23	Masanori Fujii	Ethanol aggravates itch-related scratching via central depressant actions in hairless mice with atopic dermatitis
OP 24	Akane Tanaka	Oral administration of dihomo-gamma-linolenic acid prevents itch in atopic NC/NgaTnd mice through PGD1 production
OP 25	Catharina Moniaga	Flaky tail mouse as a possible model of atopic dermatitis: Pruritus-associated response induced in flaky tail mouse
OP 26	Richard Meyer	Primary afferents and the sensation of itch
OP 27	Glenn Giesler	Studies of pruriceptive and nociceptive responses of spinothalamic tract (STT) neurons in monkeys
OP 28	Martin Schmelz	Similar mechanisms of sensitization in itch and pain?
OP 29	Hermann Handwerker	Neurophysiological and psychophysical studies on histaminergic and non-histaminergic itch
OP 30	Anne Oaklander	Neuropathic Itch: Insights from patients and rat models
OP 31	Robert LaMotte	Psychophysical studies of itch in humans: Implications for neural coding
OP 32	Dmitry Romanov	The new approach to studying neurophysiological mechanisms of itch: Evoked potentials to electrical and thermal stimulation in patients with atopic dermatitis.
OP 33	Akihiko Ikoma	Mechanically evoked itch in humans
OP 34	Mark Jensen	Self-hypnosis training for symptom management: applications for pain and itch
OP 35	Naoki Inagaki	Inhibition of mouse scratching behavior by tacrolimus and its mechanisms
OP 36	Takeshi Yoshioka	Transient receptor potential vanilloid 3 (TRPV3) has a role in the development of itchy dermatitis
OP 37	Martin Steinhoff	Role of proteinase-activated receptors and peptidases in skin inflammation and pruritus
OP 38	Makoto Tominaga	TRP channel functions in the skin keratinocytes
OP 39	Ferda Cevikbas	IL-31: An important player in the scene of itch
OP 40	Hiroyuki Murota	Artemin is expressed in substance P-treated dermal fibroblasts, and contribute to the peripheral nerve fiber sprouting
OP 41	Shoko Fukamachi	Topical cholecystokinin depresses itch-associated scratching behavior in mice
OP 42	Mei Bigliardi-Qi	Role of skin opioid receptor system in itch
OP 43	Mei-Chuan Ko	Differential modulations of itch scratching by endogenous opioid peptides in the monkey spinal cord
OP 44	Hiroo Amano	Brain opioid receptor responses to psychological stress in atopic dermatitis model mice
OP 45	Mitsutoshi Tominaga	Implications for peripheral opioid systems to pruritus
OP 46	Hiroshi Matsuda	Update on NC/NgaTnd mice as an atopic dermatitis model
OP 47	Zbigniew Zylicz	Intractable itch in terminal care
OP 48	Torello Lotti	Neuropeptidergic intractable itch: Problems and solutions
OP 49	Jacek Szepietowski	Pruritus in psoriasis: An update
OP 50	Andreas Kremer	Autotaxin is a potential mediator of cholestatic pruritus
OP 51	Dawn McGuire	Uremic pruritus: Bilateral symmetry and itch-associated morbidity
OP 52	Nora Bergasa	Serum concentrations of substance P are increased in cholestasis: potential clinical implications
OP 53	Thomas Mettang	Therapeutic strategies in chronic pruritus with systemic disease
OP 54	Alan Fleischer	Therapeutic advances in treating itch
OP 55	Christian Diehl	Results of a clinical study featuring the sensory evaluation, on humans, of the antipruritic effect of a topical superoxide dismutase
OP 56	Satoshi Takeuchi	A randomized, multicenter trial of topical tacrolimus for treatment of pruritus in patients with atopic dermatitis
OP 57	Hajime Shindo	Efficacy of sweat-antigen-inactivating spray on itching of patients with atopic dermatitis
OP 58	Laurent Misery	Psychogenic pruritus
OP 59	Makoto Hashiro	Psychosomatic aspect and itch in patients with atopic dermatitis
OP 60	Uwe Gieler	Psychology of itch – Somatoform pruritus
OP 61	Uwe Mattered	A multidisciplinary training programme for patients with chronic pruritus
OP 62	Florence Dalgard	Suicidal ideation in itch
OP 63	Martin Schmelz	Opioids and itch: Central and peripheral mechanisms
OP 64	Kaoru Nakao	Pharmacological properties of nalfurafine, a novel antipruritic and kappa-opioid receptor agonist
OP 65	Hiroo Kumagai	Effect of a novel kappa-receptor agonist, nalfurafine, for severe itch in 337 hemodialysis patients: Phase III, randomized, double-blind, placebo-controlled study

5th IWSI Poster Group B List

No.	First Author	Title
PB 01	Kazuhiko Yanai	Evaluation of residual sedative effect of antihistamines by measuring central histamine H1 receptor occupancy using 11C-doxepin -PET
PB 02	Ayumi Yoshizaki	Olopatadine hydrochloride inhibits scratching behavior induced by a proteinase-activated receptor 2 agonist in mice
PB 03	Naoko Funakushi	The effect of Yokukansan on atopic dermatitis-like lesions in socially isolated NC/Nga mice
PB 04	Hiroataka Yamashita	Development of a novel mouse atopic dermatitis model induced by mite fecal antigen
PB 05	Tasuku Akiyama	Inhibitory transmitters mediating scratch-evoked inhibition of spontaneously active spinal dorsal horn neurons in a mouse model of chronic dry skin itch
PB 06	Tasuku Akiyama	Distinct scratching and wiping behaviors elicited by intradermal injection of pruritogens or algogens into the cheek of mice and μ -opioid modulation
PB 07	Tasuku Akiyama	Excitation of mouse superficial dorsal horn neurons by histamine and/or PAR-2 agonist: potential role in itch
PB 08	Yoshikazu Gotoh	Itch-inhibitory system mediated by activation of α -adrenoceptors in the spinal cord
PB 09	Seong-Jin Jo	Development of atopic dermatitis model and effects of Actinidia extract on dermatitis in NC/Nga mice
PB 10	Hiroshi Sekiyama	Scratching and spinal c-Fos expression in mice peripheral or central itch models
PB 11	Hiroshi Sekiyama	Antipruritic effect of dexmedetomidine or clonidine is mediated by spinal α_A -adrenoceptors
PB 12	Matthias Ringkamp	Cowhage spicules vigorously activate a subpopulation of Ad nociceptors in monkey
PB 13	Christian Menzer	Histamine-induced itch does not depend on the activation of polymodal nociceptors
PB 14	Jamison Feramisco	Immunohistochemical localization and expression levels of transient receptor ion channels (TRP) in human skin and patients with pruritic diseases
PB 15	Koremasa Hayama	Role of Cav1.2 L-type calcium channel in xenobiotic metal induced mast cell activation
PB 16	Suhandy Tenggara	Epidermal nerve density is modulated by keratinocytes-produced anosmin-1
PB 17	Ken Zen Kou	Decreased expression of semaphorin3A in the lesional skin of psoriasis with itch
PB 18	Ethan Lerner	Cathepsin S is an endogenous cysteine protease, elicits itch, and signals via protease-activated receptors
PB 19	Takashi Kobayashi	Acidic pH induces matrix metalloproteinase (MMP)-9 (gelatinase b) expression and caspase-3/7 activity from keratinocyte in culture.
PB 20	Christian Diehl	The basis of topical superoxide dismutase antipruritic activity
PB 21	Andreas Kremer	Identification of lysophosphatidic acid as neural activator in blood of pruritic cholestatic patients

5th IWSI Poster Group C List

No.	First Author	Title
PC 01	Ngoc Quan Phan	Assessment of pruritus intensity: correlation between visual analogue scale (VAS), numeric rating scale (NRS) and verbal rating scale (VRS) in patients with chronic pruritus
PC 02	Christine Blome	How to measure itch intensity? A systematic literature review
PC 03	Marion Büttner	Patients with chronic pruritus treated in a specialized itch clinic: Results and experiences
PC 04	Uwe Mattered	Estimating the prevalence of chronic itch: How common is the symptom?
PC 05	Ekin Savk	Characteristics of pruritus among Turkish patients attending dermatology clinic
PC 06	Björn Wikström	High prevalence of pruritus associated with poor outcome is still common in hemodialysis patients
PC 07	Jennifer Theunis	Comparison between perceived itch induced by skin prick-tests with histamine or codeine
PC 08	Kenichi Taneda	Evaluation of psoriatic itch by epidermal nerve density and opioid receptor levels
PC 09	Mariya Katsina	Pruritus and psoriasis: Clinical study
PC 10	Izabela Zimolag	Pruritus and work ability in psoriatic patients
PC 11	Hyun Jung Lim	Clinical observations on generalized pruritus: A retrospective study
PC 12	Scott Dunbar	Quality of life in chronic pruritus measured with ItchyQoL
PC 13	Koichiro Nakamura	The role of TARC and itch in patients with atopic dermatitis
PC 14	Sonja Ständer	Targeting the neurokinin receptor 1 as a new antipruritic strategy: Results of a case series with aprepitant
PC 15	Ngoc Quan Phan	Antipruritic potency of the triterpene betulin in patients with chronic pruritus
PC 16	Martha Fröhlich	Successful treatment of therapy resistant pruritus in lichen amyloidosis with menthol
PC 17	Dmitry Romanov	Functional itch and mental disorders in dermatological clinic (results of pilot study)
PC 18	Michael Häberle	Aquagenic pruritus (AP) in polycythemia rubra vera (PV) patients - An observation of 2 cases over a period of 2 years
PC 19	Yukari Okubo	Double dose of cetirizine is effective for urticaria patients hypo-responsive to the ordinary dose.
PC 20	Anja Bathe	Causes of chronic pruritus: Patient perceptions
PC 21	Toshiharu Fujiyama	Stress management alleviates atopic pruritus
PC 22	Przemyslaw Pacan	Depression-related pruritus: A clinical study