“From Genetics to Therapy”

An International Conference
Society for Cutaneous Ultrastructure Research (SCUR)
40th Annual Meeting 2013
6th Joint Meeting
with the
Society for Skin Structure Research (SSSR)
12th to 14th of May 2013

SALZBURG Austria
Final Program

Local Organizers:
Helmut HINTNER, Head of the Department of Dermatology
Johann W. BAUER, Unit for Molecular Dermatology/EB House Austria
Rudolf HAMETNER, Department of Dermatology
Wolfgang H. MUSS, EM-Laboratory, Institute of Pathology
Salzburger Landeskliniken LKH (General Hospital), Salzburg, Austria
General Hospital Salzburg
and Paracelsus Medical University Salzburg

in

Cooperation with the Study Group for Genetics & Regenerative Medicine of the
Austrian Society for Dermatology and Venerology
Committee of SSSR
President: Masaru TANAKA (Tokyo, Japan),
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Masahiko Toyota (Chiba, Japan)
Hiroshi Narisawa (Saga, Japan)
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Mitsuru Setoyama (Miyazaki, Japan)
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6th Joint Meeting of SCUR and SSSR

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President of SCUR: Prof. Dr. Augusto Orlandi, Rome

Secretariat Office

per address:
Dr. Wolfgang MUSS (Ph. D)
EM-Lab, Pathology, Salzburger Landeskliniken
Muellner Hauptstrasse 48
A-5020 SALZBURG, AUSTRIA
Tel.: +43+(0)676 5369 456
Fax: +43+(0)662-4482-882(ext) please: only directed to “c/o Dr. Wolfgang MUSS”
E-mail: scursssr.Salzbq2013@gmail.com; W.Muss@salk.at

SCUR-SSSR 2013 Website:
http://orgs.dermis.net/scur/scur2013/content/e01home/e01home/index_ger.html

Venue

CASTELLANI PARKHOTEL SALZBURG
Alpenstrasse 6
A-5020 SALZBURG Austria-Autriche-Österreich
Tel.: +43 662 2060 708 Fax: +43 662 2060 666
www.hotel-castellani.com

How to get there:
From Airport “W. A. MOZART” it is a distance (beeline) of only approx. 10 km. Despite the Airport’s connexion to public bus transport it is recommended to go by taxi to the Hotel / Congress Venue (also other Hotels of your choice). The fare will be approx. € 12.- to 14.- depending on distance as well as traffic conditions. The same is recommended if you arrive by railway at Salzburg Main Railway Station: Taxi stands are located in both at the special marked area in front of the Main Exits / Entrances.

Salzburg-Maps: To magnify the maps, please just use the function: Menu-Display-Size: ZOOM e.g.200%
The Congress Venue and Parkhotel Castellani is situated just 2 km outside the entrance to the Old City Centre ./
To magnify the maps, please just use the function: Menu-Display-Size: ZOOM e.g.200%
The Congress Venue and Parkhotel Castellani (cf. right lower margin of the maps) is situated just
only 2 km outside the entrance to the Old City Centre.
General Information

On-site Registration
May 12 (Sun.) 16:00 ~ 20:00
May 18 (Sun.) 7:45 ~ 17:00
May 19 (Mon.) 7:45 ~ 13:00

Payment for on-site registration can be made / is requested in cash (EURO € only)
Bank exchange and Credit Card payment (at the Congress site) will be not available.
Registrants from NON-EU/EC-Countries can pay their Registration fee at the registration desk CASH in Euros (to avoid the high Bank Transfer Costs).

Registration Fee
Delegate: (SCUR-SSSR Members, early Registration € 260.-) € 300.- // (non-SCUR-SSSR-Members early Registration € 310.-) € 350.-
Students: (SCUR-SSSR Members, early Registration € 100.-) € 150.- // (non-SCUR-SSSR-Members early Registration € 120.-) € 190.-
Accompanying person: (early registration: € 65.- ) € 80.- // Children up to 16 years of age: early registration € 40.-) € 55.-

Daily registration fees (only available at registration desk during desk-attendance time):
Sunday € 40.-, Monday: € 80.- Tuesday: € 60.-:

The Delegate registration fee includes:
Admission to scientific program 40th Annual Meeting of SCUR & 6th Joint Meeting of SSSR and SCUR Abstract & Program booklet (files will be provided also on a 950 MB USB-stick, generously sponsored by ROCHE).
Welcome Reception, Gala-Dinner (with classical concert).
The Accompanying Person registration fee includes: Welcome Reception and Gala-Dinner.

Conference Badge
A Conference badge will be given at the registration.
Please wear it all the time in the conference rooms, at the Welcome Reception and the Dinner Event.

Welcome Reception
Sunday, May 12, 19:15/19:30- (Dress Code: Informal)

Gala Dinner (with Classical Concert):
Monday, May 13, Depending on weather conditions a “joint”-walk of approx. 15 minutes into the City Center. Starting (please await separate information on this during the Conference) from the Conference Venue, Parkhotel Castellani, at approximately 18:45 (Dress Code: Informal)

Oral Presentation
- The time schedule is tight. Please keep the allotted time according to the given time schedule.
Preparation of Oral Presentations: Only computer presentation is available.
Please, prepare your lecture with MS Office Powerpoint.ppt (97-2003) or .pptx (2004-).
Presenters are requested to bring USB stick, CD-R or your own Laptop PC (especially when presenting a video) containing presentation materials. You are requested to hand over to our “Download Manager at site” (will be indicated at the Congress Lecture Hall Entrance) or download the presentation-file yourself from your USB-stick in time into the available Meeting-Laptop. Ask for your friendly sys-op ->help.
The file should be “named” for convenience of rapid saving to the Conference Laptop as e.g.
< #01,02,03.....-INV_NAME_.ppt/pptx > for Invited Speakers and for Regular Oral Presentations
< #01,02,03.....-ORAL_NAME_.ppt/pptx >
If there is plenty of time during/after downloading, you’ll be able to check your presentation once more again.

Poster Presentation
- Location: Posters will be presented in the back of the Lecture Hall.
Preparation of Poster Presentation: You will be sent the NUMBER for your Poster. Available space for your Poster will be up to print-format A0 or C0 which is equivalent to: A0 841 x 1189 (C0 1197 x 841 mm). Generally, format width of 95 - 120 cm will be possible (more than format C0 = 917 x 1297 mm). Length (top to bottom) at the maximum is 130 cm. Presenters are requested to mount their posters to the pre-numbered Poster-Stand which will be situated in the back of the Lecture Hall. Tools for fixing your poster-print (i.e. pins, sticky tape, scissors, etc.) will be provided. It would be nice to have the TITLE, Author’s names, Affiliations, etc. at the TOP of your poster spanning a field of Poster-print-Width x approx. 20 cm Length.
All posters should be prepared in English, easily readable from 1.5 m away. If you need more detailed information or do have any left question, please contact us (w.muss@alk.at). We should be glad to be of help.
- Poster Setup: Sunday, May 12th, 16:00-17:00 p.m. and in between the end of second Invited Keynote Lecture and Welcome Evening
- Poster Removal: Tuesday, May 14th, after 12:45 p.m. (Oral and Poster Awards)
- As the secretariat assumes no responsibility for the loss or damage of the posters left, presenter should remove the materials by the end of removal time. Posters left on the pin wall will not be sent after.
Poster Viewing sessions: The presenting author is expected to stand by the poster during the time scheduled.

Business Meeting
SCUR Board Meeting: - May 12th (Sun.) 15:30 – 16:30, Location: to be announced separately
General Assembly of SCUR Members: - May 13 (Mon.) 17:30 – 18:30, Location: Lecture Hall.
Guests are welcome (but not entitled to vote)
Official and Scientific Program

Invited Keynote Lectures: 30-35 min presentation (incl. 2 min. discussion)
Free (Regular Oral) Communications: 8 min presentation and 2 min discussion
Poster Discussion: 3 min Presentation and 2 min discussion.

May 12 (Sun)
17:30 (5 p. m.): Official Opening Ceremony, Welcoming words

OPENING LECTURES:
(Chair:)
17:30-18:05: I-01: Milestones over the past 40 years: where to next?
by Robin EADY (London, UK)
18:10-18:45: I-02: Reticular and parallel patterns on dermoscopy are explained by scanning electron microscopy.
by Masaru TANAKA (Tokyo, Japan)
19:15/19:30: WELCOME EVENING (and Poster Viewing)

May 13 (Mon)
08:30-08:45: Welcoming words and notes to the audience

08:45-10:15: LECTURES: Session -1- Genodermatoses (Chairs:)

08:45-09:00: O-01: Models for Heritable Skin Diseases: Correlation of Morphological and Molecular Data.
L. HAUSSE1, K. Auenvenne1, A. Grall1, A. Nystrom2, P. Krieg3, J. S. Kern4, C. Andre5, F. Larcher6, M. Del Rio7, C. Weingart1, V. Oji1, L. Bruckner-Tuderman1, J. Fischer8, H. Traupe2
1Dept. of Dermatology, EM-Lab, University Clinic Heidelberg and Core Facility Electron Microscopy Heidelberg University, Heidelberg, Germany; 2Dept. of Dermatology, University Clinic Münster, Münster, Germany; 3Centre National de la Recherche Scientifique, Institut de Génétique et Développement de Rennes, Rennes, France; 4Dept. of Dermatology, University Freiburg Medical Center, Freiburg, Germany; 5German Cancer Research Center, Heidelberg, Germany; 6Epithelial Biomedicine Division, CIEMAT and CIBERER-U714, Madrid, Spain; 7Clinic of Small Animals, Faculty of Veterinary Medicine, Freie Universität Berlin; 8Institute for Human Genetics, University Clinic Freiburg, Freiburg, Germany.

09:00-09:10: O-02: Non-Herlitz generalized junctional epidermolysis bullosa – Correlation of gene mutation and electron microscopic feature
A. ISHIKO¹, K. Enosawa², N. Iwase¹, H. Kanto¹, M. Ishii², and K. Shibuya²
Dept. ¹Dermatology and ²Surgical Pathology, School of Medicine, Toho University, Tokyo, Japan.

09:10-09:20: O-03: A Japanese case with Herlitz junctional epidermolysis bullosa
K. YOSHIDA¹, Y. Takada¹, S. Hagiwara¹, T. Masunaga¹, A. Ishiko¹
¹Dept. of Dermatology and ²Dept of Neonatology, School of Medicine, Toho University, Tokyo, Japan; ³Fundamental Research Laboratories, KÔSE Corporation, Tokyo, Japan.

09:20-09:30: O-04: Ultrastructure of desmosomes as a diagnostic clue in a case of congenital skin fragility syndrome
A. Vahlquist¹, M. Virtanen¹, M. Hellström-Pigg², A. DRAGOMIR², K. Ryberg², N. J. Wilson³, L. Lu⁴, J. A. McGrath⁵, F. J. D Smith⁶
¹Dept. Medical Sciences and ²Dept Immunology, Genetics and Pathology, Uppsala University, Sweden; ³Dept. of Dermatology, Uddenvalla Hospital, Sweden; ⁴Centre for Dermatology and Genetic Medicine, Univ. of Dundee, UK; ⁵The National diagnostic EB Lab., St. Thomas Hospital, London, UK; ⁶Genetic Skin Disease Group, King’s College, London UK.

09:30-09:40: O-05: Lipid aberrances in IFAP syndrome.
A. PIETRZAK¹, J. Portoukalian², D. Drumrine³, M. Michalska-Jakubus¹, D. Krasowska¹, D. Matosiuk¹, J. Zumiło¹, J. Wrotelski¹, M. Schmuth², M. Haftek², P. Elias², E. Dybiec², J. Kanitakis²
¹Medical University of Lublin, Departments of Dermatology, Venerology & Pediatric Dermatology, of Synthesis and Chemical Technology of Pharmaceutical Substances, of Clinical Pathomorphology, of Vascular Surgery and Angiology, and of Pediatric Radiology, Lublin, Poland; ²University of Lyon, EA4169 and Dept. of Dermatology, Ed. Herriot Hospital, Lyon, France; ³Veterans Hospital, Dermatology Service, San Francisco, USA; and ⁴Dept. of Dermatology and Venerology, Innsbruck Medical University, Innsbruck, Austria.

INVITED LECTURE

09:40-10:15 I-03: A direct mass spectrometry approach for epitope identification - applied for therapeutic HPV vaccine design
by Angelika RIEMER (Heidelberg, Germany) (Chairs:)

10:15-10:45 Coffee / Tea break
**INVITED LECTURE**

10:45-11:10:

**I-04:** New epithelial disease gene discovery and disease mechanisms

by **David KELSELL** (London, UK)

**LECTURES: Session -2- Methods**

11:10-11:45:

**O-06:** Multispectral Imaging Diagnostics of Skin Tumors

L. PESCIETTELI¹, A. Pelagotti¹, P. Ferrara¹, C. Delfino¹, G. Gerlini², A. Piva³, L. Borgognoni², F. Prignano³

¹CNR-INO, L.go E. Fermi 6, 50125 Firenze, Italy; ²Azienda Sanitaria Locale (ASL) 10, Florence, Italy; ³University of Florence, via di S. Marta, Florence, Italy; ⁴Department of Surgery and Translational Medicine, Section of Clinical, Preventive and Oncology Dermatology, University of Florence, Florence, Italy

11:20-11:30:

**O-07:** Human Cutaneous Membrane Basal Zone (HCBMZ) – Ultrastructural Terminology revisited

A. PANUNCIO, K. Ceroni

Hospital de Clinicas, Electron Microscopy Unit, Montevideo Uruguay

11:30-11:40:

**O-08:** Effects of proinflammatory cytokines in a skin three-dimensional model: a structural and ultrastructural study

E. DONETTI¹, L. Cornaghi¹, A. Gualerzi¹, G. Sallese¹, F.W. Baruffaldi Preis², P. Romagnoli³, L. Pescitelli³, F. Ricceri³, F. Prignano³

¹Dipartimento di Scienze Biomediche per la Salute, Università degli Studi di Milano; ²I.R.C.C.S. Istituto Ortopedico Galeazzi, Dipartimento di Medicina Sperimentale e Clinica e Dipartimento di Chirurgia e Medicina Traslazionale, Università degli Studi di Firenze.

11:45-11:50:

Common discussion

11:50-13:00:

**LECTURES: Session -3- Rare Diseases & Dermatopathology**

**L-09:** A Case of Dermatosparaxis/Ehlers-Danlos Syndrome (EDS) type VIIC: the Role of Electron Microscopy in the Diagnosis.

J. Solomons¹, D. Cilliers¹, P. Coucke², S. Symoens³, M. Cohen³, F. M. Pope⁴, G. Sobey⁵, R. Black⁶, B. WAGNER⁷

¹Department of Clinical Genetics, Oxford University Hospitals, Oxford, UK; ²Centre for Medical Genetics Ghent, Ghent University and University Hospital Ghent, Ghent, Belgium; ³Department of Paediatric Pathology, Sheffield Children’s Hospital, Sheffield, UK; ⁴NSCT Specialist EDS Service, Northwick Park Hospital, Harrow, Middlesex, UK; ⁵Department of Obstetrics, Oxford University Hospitals, Oxford, UK; ⁶Electron Microscopy Section, Histopathology Department, Royal Hallamshire Hospital, Sheffield, UK.

12:00-12:10:

**O-10:** Cutaneous manifestation of Kikuchi’s disease

K. KANNO¹, M. Minami-Hori¹, A. Ishida- Yamamoto¹, H. Iizuka¹, K. Komura², K. Oikawa³, N. Miyokawa³

¹Dept. of Dermatology, Asahikawa Medical University, Asahikawa, Japan; ²Dept. of Internal Medicine Asahikawa Medical University, Asahikawa, Japan; ³Laboratory of Pathology, Asahikawa Medical College Hospital

12:10-12:20:

**O-11:** Bullous pemphigoid IgG induces BP180 internalization via a macropinocytic pathway.

D. TSURUTA and S. Hiroyasu

Dept. of Dermatology, Osaka City University Graduate School of Medicine, Osaka, Japan

12:20-12:30:

**O-12:** Ultrastructural contribution to the characterization of pathogenesis of lichen planus: classics and modern data.

V. GROMA¹, I. Legusa², and M. Tarasovs¹

¹Laboratory of Electron Microscopy, Institute of Anatomy and Anthropology, ²Riga Stradins University, Riga, Latvia; Clinical Centre for Skin and Sexually Transmitted Diseases, Riga, Latvia.

12:30-12:40:

**O-13:** Primary adenoid cystic carcinoma of the skin metastatic to the lymph nodes: immunohistochemical study of a new case.

D. Rocas¹, C. Asvesti², A. Tsega³, P. Katafygiotis⁴, J. KANITAKIS⁵.

¹Dept. of Dermatology, Ed. Herriot Hospital, Lyon, France; ²Dermatology Practice, Glyfada, Greece; ³Pathology Laboratory, Athens, Greece; ⁴Department of Pathology, Attikon University General Hospital, Haidari, Greece.

12:40-12:50:

**O-14:** Ultrastructural changes induced by mechanical stimulation of the aged skin.

M. HAFTEK¹, A. Jeudy¹, E. Colomb¹, F. Fanian², P. Humbert²

¹University Lyon 1, EA169 “Physiological, clinical and therapeutic aspects of the skin barrier function”, INSERM US 7- CNRS UMS 3453: SFR Lyon-Est Santé, Lyon; ²Research and Studies Center on the Integument (CERT), Department of Dermatology, Clinical Investigation Center (CIC BT506), INSERM UMR1098, FED4234 IBCT, University of Franche-Comté, Besançon, France.
12:50-13:00: O-15: Aberrant retinoic acid binding protein-2 expression accelerates skin ageing
D. Passeri, G. Costanza, A. Di Stefani, M. G. Scioli, E. Doldo, A. ORLANDI
Department of Anatomic Pathology, Tor Vergata University of Rome, Italy

13:00-14:00 LUNCH (Location in the Hotel Castellani to be announced)

14:00-14:30: POSTER Session-1-:
Posters: No. 01 to 06

14:30-16:00: INVITED LECTURES (Chairs: )
14:00-15:00/15:05: I-05: Electron microscopic observation of melanosome transfer from melanocytes to keratinocytes, fibroblasts and macrophages.
by Hideya ANDO (Okayama, Japan) and M. Ichihashi (Doshisha University, Kyoutanabe City, Japan) (Chairs: )

15:00-15:45/15:50 I-06: Photoprotective and anti-melanogenic effect of coffee polyphenol: study with MC-KC co-culture system and with video camera
by Masamitsu ICHIHASHI (Doshisha University, Kyoutanabe City, Japan) and H. Ando (Okayama, Japan) (Chairs: )

15:50-16:00: Discussion for I-05 and I-06

16:00-16:30 Coffee / Tea break

16:30-17:05: INVITED LECTURE (Chairs: )
I-07: Ultrastructural contributions to the molecular characterisation of inherited skin diseases.
by John McGrath (London, UK) (Chairs: )

17:05-17:30: POSTER Session -2-:
Posters: No. 07 to 10

17:30-18:30: GENERAL ASSEMBLY SCUR

18:45-22:30: GALA DINNER
18:45: Gathering in front of the Parkhotel Castellani – (depending on weather conditions) walk together into the centre of the Old City (if raining, there will be organized a bus transport optionally. This bus transport will end some 500 m from the location we have to move on). Please listen to special organizer remarks announced prior to gathering)
~19:15-19:20: Reception (with a drink)
~19:30: Seating
~20:00: Classical concert
~20:35: served meals – toasts and dessert
~22:30: End of Dinner Reception

May 14 (Tues)
08:10-08:15: Welcoming words and notes to the audience

08:15-08:45: LECTURES: Session -4- Skin Barrier (Chairs: )

08:15-08:25 O-16: Developmental alterations of physical properties and components of neonatal-infantile stratum corneum of upper thighs and diaper-covered buttocks during the first year of life
Masako MINAMI-HORI, Mizue Fuji, Wakana Nomura, Kyoko Kanno, Akemi Ishida-Yamamoto, Yuki Miyauchi, Tsutomu Fujimura, Mitsuyuki Hotta, Yutaka Takagi, Takashi Kitahara, Yoshinori Takema, and Hajime Iizuka
1Department of Dermatology, Asahikawa Medical University, Asahikawa, Hokkaido, Japan, 2Kao Corporation, Haga-Gun, Tochigi, Japan

08:25-08:35 O-17: Epidermal lamellar granule secretion starts before the establishment of intercellular permeability barrier.
A. ISHIDA-YAMAMOTO, S. Igawa S, M. Kishibe, and H. Iizuka
Dept. of Dermatology, Asahikawa Medical University, Asahikawa, Japan.
08:35-08:45  O-18:  Tight junction (TJ)-like structures contribute to the compensatory hyperkeratosis in claudin-1–deficient patient with Ichthyosis, Hypotrichosis and Sclerosing Cholangitis (IHSC) syndrome.

M. HAFTEK1, R. Abdayerm1, E. Colomb1, S. Hadji-Rabia2.

08:50-10:05:  INVITED LECTURES

08:50-09:20  I-08:  Pathogenetic mechanisms in autoimmune skin fragility.

by Ken Natsuga (Sapporo, Japan)  (Chairs: )

09:20-09:25  Discussion for I-08

09:30-10:00/10:05 I-09:  Langerhans cells – from ultrastructural Birbeck granules to the Langerin molecule – implications for therapy?

by Nikolaus Romani (Innsbruck, Austria)  (Chairs: )

10:00/10:05-10:30  Coffee / Tea break

10:30-11:30:  POSTER Session -3-:

Posters: No. 11 to 20

11:30-12:20:  LECTURES:  Session -5-  Dermatopathology - Molecular Genetics & Immunology

(Chairs: )

11:30-11:40  O-19:  Langerhans cells lacking Birbeck granules in cutaneous free flaps employed in the oral cavity.

Christine M. BETTS1, C. Baldovini2, and Maria P. Foschini2
1DIMES - Department of Experimental, Diagnostic and Specialty Medicine, University of Bologna Medical School, Via San Giacomo 14, and 2DIBINEM: Department of Biomedical and Neuromotor Sciences, Section of Anatomic Pathology “M. Malpighi”, at Bellaria Hospital, Bologna, Italy.

11:40-11:50  O-20:  The role of caveolin-1 in keloid pathogenesis: from a mechanobiological view

Chao-Kai HSU1,2, Hans I-Chen Harn3, Hsi-Hui Lin1 Yang-Kao Wang1, Chao-Min Cheng4, Shyh-Jou Shieh5, Julia Yu-Yun Lee3, and Ming-Jer Tang3
1 Institute of Clinical Medicine, 2 Department of Dermatology, 3 Department of Physiology, 4 Department of Surgery, National Cheng-Kung University College of Medicine and Hospital, Tainan, Taiwan; 5 Institute of Nanoelectronics and Microsystems, National Tsing Hua University, Hsinchu, Taiwan

11:50-12:00  O-21:  Keratinocyte restricted deletions of Rho A and Rac1 do not substantially alter the ultrastructure of the interfollicular epidermis in mice.

A. Stanley1,2, C. Brakebusch3, F. QUONDAMATTEO1,2
1Skin and Extracellular Matrix Research Group at NUI Galway Anatomy, Galway, Ireland; 2Anatomy NUI Galway, Galway, Ireland; 3BRIC, University of Copenhagen, Copenhagen, Denmark

12:00-12:10  O-22:  Bridging Molecules in Basement Membrane: Nidogen-1 but not Nidogen-2 Deposition in Skin Basement Membranes Depends on the Binding Module γ1IIIIC of the Laminin γ1 Chain.

S. Mokkapati1, M. Bechtel1, A. Fleger-Weckmann1, M. Koch2, W. Bloch3, N. Smyth4, I. Haussen5, HJ. Stark6, D. BREITKREUTZ6, and R. Nischt1
1University Hospital of Cologne, 2Dept. of Dermatology and 3Dept. of Prosthetic Dentistry, and 4German Sport University Cologne, Inst. of Cardiology and Sport Medicine, Dept. of Molecular and Cellular Sport Medicine, Cologne, Germany; 5School of Biological Science, University of Southampton, Southampton UK; 6Dept. of Dermatology, EM-Lab, University Clinic, University of Heidelberg, and 6German Cancer Research Center, Div. of Genetics of Skin Carcinogenesis, Heidelberg, Germany.

12:30-12:40  Presentation SCUR 2014 Rome < Villa Mondragone (Frascati, Rome) 5-7 June 2014 >

(by Augusto Orlandi, Rome)

12:45-13:00  Presentation of ORAL and POSTER-AWARDS 2013

(Oral &Poster presenters please don’t leave the conference early)

13:00:  End of Meeting – Farewell lunch for those staying until the end - Adjourn
**Posters**

P-01  
*Clinical and Ultrastructural Study of a Case of Olmsted Syndrome (OS)*  
G. Salmenton, A. PANUNCIO, K. Ceroni, M. Martinez, M. Alvarez, A. Acosta, C. Guebelian, A. Carballo and C. Soto  
1Hospital Evangélico, Hospital de Clínicas, 2Electron Microscopy Unit, 3Dermatological Department, Montevideo Uruguay

P-02  
*Endemic Kaposi sarcoma. Role of genetic tests. A case report*  
R. FILIPPETTI, R. Pitocco  
Day Service Dermatologia Ospedale Forlanini - San Camillo, Rome, Italy

P-03  
*Human Cutaneous Membrane Basal Zone (HCBMZ) - Ultrastructural Terminology revisited*  
A. PANUNCIO, K. Ceroni  
Hospital de Clínicas, Electron Microscopy Unit, Montevideo Uruguay

P-04  
*Ultrastructure of desmosomes as a diagnostic clue in a case of congenital skin fragility syndrome*  
A. Vahliquist, M. Virtanen, M. Hellström-Pigg, A. DRAGOMIR, K. Ryberg, N. J. Wilson, L. Lu, J. A. McGrath, F. J. D. Smith, A. Bedoni, F. QUONDAMATTEO  
1Dept. Medical Sciences and 2Dept Immunology, Genetics and Pathology, Uppsala University, Sweden, 3Dept. Dermatology, Uddevalla Hospital, Sweden, 4Centre for Dermatology and Genetic Medicine, Univ. of Dundee, UK, 5The National diagnostic EB Lab., St. Thomas Hospital, London, UK, 6Genetic Skin Disease Group, King's College, London UK

P-05  
*The skin as a “spectrum”: Raman spectroscopy for in-vivo diagnosis*  
M. BEDONI, C. Morasso, D. Mehn, R. Vanna, C. Pignatari, F. Gramatica  
Don Gnocchi Foundation, Laboratory of Nanomedicine and Clinical Biophotonics, Milan, Italy

P-06  
*Keratinocyte restricted deletions of Rho A and Rac1 do not substantially alter the ultrastructure of the interfollicular epidermis in mice.*  
A. Stanley, C. Brakebusch, E. QUONDAMATTEO  
1Skin and Extracellular Matrix Research Group at NUI Galway Anatomy, Galway, Ireland; 2Anatomy NUI Galway, Galway, Ireland; 3BRIC, University of Copenhagen, Copenhagen, Denmark

P-07  
*Pigmentation in lichen ruber planus: dermoscopic and microscopic interplay*  
I. Legusa, V. GROMA  
1Clinical Centre for Skin and Sexually Transmitted Diseases, Riga, Latvia; 2Laboratory of Electron Microscopy, Institute of Anatomy and Anthropology, Riga Stradins University, Riga, Latvia

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*Parapoxvirus infection in Austria: diagnosis and zoonotic potential - a survey*  
S. RICHTER, S. Revilla-Fernández, F. Schmoll  
3AGES, Institute for Veterinary Disease Control, Robert Koch-Gasse 17, A-2340 Mödling, Austria

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*Pox virus infections of the skin – electron microscopy as a critical diagnostic tool.*  
M. Kitichen, H. Müller, S. Scholl-Bürgi, H. Huemer, N. ROMANI  
Departments of Dermatology & Venereology, Pediatrics, and Hygiene, Innsbruck Medical University, Innsbruck, Austria

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*Stratum corneum ultrastructure and function in keratosis pilaris*  
R. Gruber, J. L. Sugarman, J. P. Thyssen, E.A. Mauldin, D. Crumrine, Matthias SCHMUTH and P. M. Elias  
Veterans Affairs Medical Center, and Department of Dermatology, UCSF, San Francisco, CA, Department of Dermato-Allergology, University of Copenhagen, Hellerup, Denmark, Department of Dermatology, Innsbruck Medical University, Innsbruck, Austria

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*Loss of ELOVL1 enzyme causes lethal skin barrier disruption in mice.*  
1Department of Dermatology, Hokkaido University Graduate School of Medicine, Sapporo, Japan; 2Laboratory of Biochemistry, Faculty of Pharmaceutical Sciences, Hokkaido University, Sapporo, Japan; 3Department of Dermatology, Nagoya University Graduate School of Medicine, Nagoya, Japan

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*Dermoscopic findings of vascular patterns in amelanotic malignant melanoma on the chin*  
Takaaki MATSUMOTO, Takuya Takeichi, Akihiro Sakakibara, Yasushi Tomin, Masashi Akiyama  
Dept. of Dermatology, Nagoya University Graduate School of Medicine, 65 Tsurumai-cho, Showa-ku, Nagoya, Japan
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In vivo reflectance confocal microscopy of melanoic macules on mucocutaneous junctions
V. AHLGRIMM-SIERSSS1, E. Arzberger2, C.A. Kirchner1, R. Hofmann-Wellenhof3, M. Laimer4
1Department of Dermatology, Paracelsus Medical University of Salzburg, Salzburg, Austria
2Department of Dermatology, Medical University of Graz, Graz, Austria

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The role of decreased skin tension in the pathogenesis of bullous pemphigoid: a newly proposed hypothesis
Hans L-Chen HARR2,3,4, Chao-Kai Hsu2,3,4, Michael Hughes1, Ken Natsuga5, Hiroshi Shimizu5, Julia Yu-Yun Lee6, and
Ming-Jer Tang8
1Department of Physiology, 2Institute of Clinical Medicine, 3Department of Dermatology, 4Research Center of Wound Repair & Regeneration,
National Cheng-Kung University College of Medicine and Hospital, Tainan, Taiwan; 5Department of Dermatology, Hokkaido University Graduate
School of Medicine, Sapporo, Japan.

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An ultrastructural case report: Lymphoma of plasmacytoid dendritic cells in the skin
B. Kerbler, H. Müller, E. Gatti1, P. Pierre1, D. Reider, M. Forstner, H. Stössel, M. Smuth and N. ROMANI
Department of Dermatology & Venerology, Innsbruck Medical University, Innsbruck, Austria and 1Dendritic Cell Laboratory, Centre d’Immunologie de Marseille-Luminy, Université de la Méditerranée, Marseille, France

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Ultrasonic observations of Langerin positive- Langerhans cells in surgical skin flap reconstructions within
the oral mucosa
C. M. BETTS1, C. Baldovini2, and Maria P. Foschini2
1DIMES - Department of Experimental, Diagnostic and Specialty Medicine, University of Bologna Medical School, Via San Giacomo 14, and
2DIBINEM - Department of Biomedical and Neurorotoron Sciences, Section of Anatomic Pathology
“M. Malpighi”, at Bellaria Hospital, Bologna, Italy.

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Ultrasonographic aspects of Steatocystoma multiplex.
Ewa DYBIEC1, Aldona PIETRZAK2, J. Bartosinska2, M. Adamczyk2, J. Szumilo3, J. Kanitakis3
1Department of Paediatric Radiology Medical University of Lublin, Poland; 2Department of Dermatology, Venerology and
Paediatric Dermatology Medical University of Lublin, Poland; 3Department of Clinical Pathomorphology, Medical
University of Lublin, Poland; 4Department of Dermatology, Edouard Herriot Hospital Group, Lyon, France.

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Expression of Notch-1 and -2 in skin biopsies from psoriatic patients on anti TNF-α therapy.
F. D’Amico1, E. Skarmoutsou1, C. TROVATO1, A. Mosca1, V. Longo2, P. Gangemi1, G. Malaponte1, M. Pettinato7, and
M.C. Mazzarino1
1Dept. of Bio-medical Sciences, University of Catania, Italy; 2UOC of Dermatology, and 1Servizio di Anatomia Patologica,Azienda Ospedaliera
Universitaria Policlinico-Vittorio Emanuele, Catania, Italy.

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Bridging Molecules in Basement Membrane: Nidogen-1 but not Nidogen-2 Deposition in Skin Basemen
Membranes Depends on the Binding Module ‘γIII1’ of the Laminin γ1 Chain.
S. Mokkapati1, M. Bechtel1, A. Flegel-Weckmann2, M. Koch1, W. Bloch1, N. Smyth3, I. Haussser4, HJ. Stark6,
D. BRETTHREUTZ2, and R. Nischt1
University Hospital of Cologne, 1Dept. of Dermatology and 2Dept. of Prosthetic Dentistry, and 3German Sport University Cologne, Inst. of Cardiology and
Sport Medicine, Dept. of Molecular and Cellular Sport Medicine, Cologne, Germany; 4School of Biological Science, University of Southampton,
Southampton UK; 5Dept. of Dermatology, EM-Lab, University Clinic, University of Heidelberg, and 6German Cancer Research Center, Div. of
Genetics of Skin Carcinogenesis, Heidelberg, Germany.

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Association of lichen planus with human herpesvirus type 6 – new implications for therapy
V. GROMA12, I. Legusa3, A. Ivanova4, Z. Nora-Krukle5 and M. Murovska6
1Laboratory of Electron Microscopy, Institute of Anatomy and Anthropology and 3A.Kirchenstein Institute of Microbiology and Virology, Riga
Stradins University; 2Clinical Centre for Skin and Sexually Transmitted Diseases, 3Riga East University Hospital Oncology Centre of Latvia, Riga,
Latvia.

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