

**Programme of the Joint Meeting SCUR (32 th Annual Meeting) & ISP 2005  
Germany, Hamburg, June 1 - 4, 2005**

**Local organisation team:**

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**Wednesday, June 1<sup>st</sup>, 2005**

<b>Time</b>	<b>Talk / Activity</b>	<b>Chairman/speaker</b>
<i><b>Proteomics &amp; Morphomics of skin</b></i>		
<b>13:00</b>	<b>Come together lunch</b>	
<b>14:00-14:15</b>	<b>Opening of the ISP meeting</b> Opening remarks and welcome words	<b>K. P. Wittern, Beiersdorf AG, Hamburg, D R. Wepf, Hamburg, D</b>  <b>Chair:</b> <b>J. Lademann, Berlin, D, R. Wepf, Hamburg, D</b>
<b>14:15-15:00</b>	<b>Lecture 1: “What holds cells together in skin? Cell-cell contacts in epidermis and other stratified epithelia”</b>	<b>W. Franke, Heidelberg, D</b>
<b>15:00-15:45</b>	<b>Lecture 2: “Functional states in cellular nano- morphology: from life-like sampling to 3-D reconstruction and interpretation”</b>	<b>H. Hohenberg, Hamburg, D</b>
<b>15:45-16:15</b>	<b>Coffee &amp; Tea</b>	
<b>16:15-17:45</b>	<b>From Morphom to Proteom...</b>	<b>Chair:</b> <b>J. Lademann, Berlin, D J. Fluhr, Jena, D</b>
<b>16:15-17:00</b>	<b>Multiphoton Tomography of human skin</b>	<b>K. König, St. Ingbert, D</b>
<b>17:00-17:30</b>	<b>Lecture 3: “Differential protein expression in epidermis of wild-type and COX-2 transgenic mice”</b>	<b>K. Mueller-Decker, Heidelberg, D</b>
<b>17:30-18:00</b>	<b>Lasermicrodissection applications for life science</b>	<b>Izabel Noll LEICA , Wetzlar, D</b>
<b>18:00-18:30</b>	<b><i>Welcome Cocktail</i></b>	

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Thursday June 2<sup>nd</sup>, 2005

<b>Time</b>	<b>Talk / Activity</b>	<b>Chairman / Speaker</b>
	<b><i>Skin Barrier, penetration and their defects</i></b>	
<b>08:15-08:45</b>	<b>Lecture: "Current view of skin drug application and penetration"</b>	<b>R. Neubert, Halle, D</b>
<b>08:45-09:15</b>	<b>Lecture: "Skin Barrier"</b>	<b>J. Bouwstra, Leiden, NL</b>
<b>09:15-10:15</b>	<b>Contributions I: Penetration/Pharmacology</b>  <b>1) Dead but highly dynamic – The stratum corneum is divided into three hydration zones</b> <i>Richter T, Peuckert C, Sattler M, Koenig K, Riemann I, Hintze U, Wittern K-P, Wiesendanger R, and Wepf R</i>  <b>2) Differential Stripping: Quantitative determination of the follicular reservoir and the penetration of topically applied substances into the hair follicles</b> <i>Teichmann A, Ossadnik M, Jacobi U, Richter H, Sterry W, Lademann J</i>  <b>3) Percutaneous Penetration of Local Anesthetics: Pharmacodynamic measurements</b> <i>Leopold C S, Howard Maibach H I</i>  <b>4) Evaluation of the irritation potential of microemulsions using HET-CAM test</b> <i>Islas T, Wohlrab J, Neubert R H H</i>  <b>5) Complete photoprotection – Going beyond visible endpoints</b> <i>Pflücker F, Bünger J, Witte G, Beck J, Driller H</i>	<b>Chair:</b> <b>J. Lademann, Berlin, D</b> <b>R. Neubert, Halle, D</b>
<b>10:15-10:45</b>	Coffee break	
<b>10:45-12:00</b>	<b>Regulatory Affairs Europe/USA</b>  <b>Round Table Discussion</b>	<b>J. T. Regenold, D</b> <b>E. M. Jackson, US</b>  <b>Chair:</b> <b>J. Schäfer, Berlin, D</b> <b>R. Neubert, Halle, D</b>
<b>12:00 -14:00</b>	Lunch	
<b>13:00 -14:00</b>	Board meeting SCUR, seminar room	
	<b>Epidermal stem cells / Differentiation / Proliferation / Apoptosis / Dermatopathology</b>	
<b>14:00-14:10</b>	<b>Opening of the SCUR Meeting</b> <b>Welcome words</b>	<b>D. Innocenzi, Rome, I</b> <b>(President SCUR)</b> <b>Chair: dito</b>
<b>14:10-15:00</b>	<b>Paul Gerson Unna Honorary Lecture:</b> <b>"The role of electron microscopy in dermatopathology"</b>	<b>D. Metze, Münster, D</b>
<b>15:00-15:15</b>	<b>Drug Penetration into skin from inside</b>	<b>J. Lademann, Berlin, D</b>
<b>15:15-15:45</b>	Coffee & Tea	



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Friday June 3<sup>rd</sup>, 2005

Time	Talk / Activity	Chairman / Speaker
	<b>Epidermal stem cells / Differentiation / Proliferation / Apoptosis/ Dermatopathology</b>	
08:15-09:00	<b>Lecture: "Classification and genetics of ichthyoses"</b>	<b>H. Traupe, Münster, D</b>
09:00-10:00	<p><b>Contributions II: Morphology</b></p> <p>1) Use of antigen retrieval and amplification methods for ultrastructural detection of an epidermal proteoglycan, desmosealin, in desmosome cores <i>Haftek M, Le Bitoux M-A, Duhieu S, Zabawski B</i></p> <p>2) Confocal laser scanning microscopic observation of glycocalyx production by <i>Staphylococcus aureus</i> in skin lesions of bullous impetigo, atopic dermatitis and pemphigus foliaceus <i>Huh W K, Akiyama H, Hamada T, Yamasaki O, Oono T, Fujimoto W, and Iwatsuki K</i></p> <p>3) Nail dystrophy and blister formation in myeloma-associated Amyloidosis – Immunopathological features <i>Fujita Y, Tsuji-Abe Y, Sato-Matsumura K C, Akiyama M, Shimizu H</i></p> <p>4) Melanosome distribution in Caucasian skin with lentigo senilis compared to normal Caucasian, Asian and Negroid skin <i>Droste M, Wolber R, Wenck H, Wittern K-P and Wepf R</i></p> <p>5) Skin ultrastructure in senile lentigo <i>Noblesse E, Nizard C, Cario-André M, Lepreux S, Pain C, Schnebert S, Taïeb A, Kurfurst R</i></p>	<p><b>Chair:</b> <b>K. Wozniak, Warsaw, PL</b> <b>F. Breier, Wien, A</b></p>
10:00-10:30	Coffee & Tea	
10:30-12:15	<b>Dermatopathology Club:</b>	<b>Chair:</b>
10:30 – 10:45	<p>1) Laser-capture microdissection: applications in routine molecular dermatopathology <i>Sander C, Yazdi AS</i></p>	<b>D. Innocenzi, Rome, I</b>
10:45 – 11:00	<p>2) Bullous dermatoses: From histology to the correct diagnosis <i>Rose C</i></p> <p>3) Penile lichen sclerosus: histological patterns and risk of cancer <i>Innocenzi D</i></p> <p>4) Cutaneous sarcoidosis with pathological presentation as a tumor like muscular granuloma <i>Nemoto I, Shimizu T, Fujita Y, Tsuji-Abe Y, Shimizu H</i></p> <p>5) Unusual variants of epidermolysis bullosa acquisita <i>Wozniak K, Kowalewski C</i></p> <p>6) Pigmented mucoepidermoid carcinoma of the oral cavity: A morphological and ultrastructural study <i>Betts C M, Marchetti C, Marucci G, Foschini M P</i></p>	<b>S. Ständer, Münster, D</b>

	<p>7) <b>Myxoid tumors of the skin</b> <i>Orlandi A, Bianchi L, Spagnoli L G</i></p> <p>8) <b>Neurotropic spreading of neoplasms: an underestimated histological sign</b> <i>Ständer S</i></p>	
12:15-14:00	Lunch	
13:00-14:00	<b>General Assembly SCUR, lecture hall</b>	<b>Lecture hall</b>
	<b>Basement Membrane and Dermis defects</b>	
14:00-14:45	<b>Lecture: “Harlequin ichthyosis: Identification of causative gene, ABCA12, and successful corrective gene transfer”</b>	<b>H. Shimizu, Sapporo, J</b> (President of the JSUCB)
14:45-15:15	<b>Contributions III: The Dermo-Epidermal Basement Zone / Basal Membrane</b>	<b>Chair:</b> <b>P. Arenberger, Prague, CR</b> <b>M. Haftek, Lyon, F</b>
15:15-16:00	<p>1) <b>Expression and localization of actin and focal adhesion proteins in control and Kindlin-1 null patient skin</b> <i>McMillan J.R, Akiyama M, Yasukawa K, McGrath J A, and Shimizu H</i></p> <p>2) <b>Kindler Syndrome with involvement of the gastrointestinal tract</b> <i>Muss W, Sadler E, Klausegger A, Pohla-Gubo G, Deinsberger U, Bauer J W and Hintner H</i></p> <p>3) <b>A novel autosomal partially dominant mutation in Keratin 5 gene causes epidermolysis bullosa simplex v. Weber-Cockayne</b> <i>Kowalewski C, Hamada T, Wozniak K, Szczecinska W, Hashimoto T</i></p> <p>4) <b>Type V and VI collagen in dermis</b> <i>Kobayasi T, Karlsmark T</i></p> <p>5) <b>Ichthyosis bullosa (Siemens). Light and electron microscopic study of a new case</b> <i>Kanitakis J, Grande S, Ly A, Allombert C, Claudy A</i></p>	
16:00-16:30	Coffee & Tea	
16:30-17:15	<b>Lecture: “New aspects in lysosomal storage diseases: insights and outlooks”</b>	<b>T. Kanzaki, Japan</b>
17:15-18:30	<b>Guided Discussion of the day „Bullous diseases“</b>	<b>Chair:</b> <b>J. Kanitakis, Lyon, F</b> <b>W. Muss, Salzburg, A</b>  <b>Chair:</b> <b>D. Metze, Münster, D</b> <b>C. Kowalewski, Warsaw, PL</b>
20:15	<b>Evening Event (Riverboat Trip Hamburg Harbour)</b>	

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Saturday June 4<sup>th</sup> , 2005

<b>Time</b>	<b>Talk / Activity</b>	<b>Chairman / speaker</b>
	<b>Skin appendages and their defects - Hair, nail, glands, mamma, ...</b>	
<b>08:15-08:45</b>	<b>Lecture: "Keratins-Markers of cutaneous differentiation"</b>	<b>I. Moll, Hamburg, D</b>
<b>08:45-09:15</b>	<b>Lecture: " The pilosebaceous unit as a perfect model for the study of (almost) everything "</b>	<b>R. Paus, Hamburg / Munich, D</b>
<b>09:15-10:15</b>	<p><b>Contributions IV: Skin appendages and diseases</b></p> <p><b>1) Initial investigations towards a better understanding of the barrier properties of the sweat gland apparatus</b> <i>Wilke K, Wepf R, Terstegen L, Keil F J, Wittern K-P, Wenck H, Biel S S</i></p> <p><b>2) Exogen hair sampling : Clinical interest of "Sticky Hair" measurement</b> <i>Van Neste D, Leroy Th, Conil S</i></p> <p><b>3) Critical study of hair growth analysis with computer assisted methods</b> <i>Trüeb RM, Van Neste D</i></p> <p><b>4) Functional melanocortin receptors and evidence for an immunoregulatory activity of <math>\alpha</math>-MSH in human dermal papilla cells</b> <i>Böhm M, Eickelmann M, Li Z, Schneider S, Oji V, Diederichs S, Barsh G S, Vogt A, Stieler K, Blume-Peytavi U, and Luger T A</i></p> <p><b>5) Ultrastructural aberrations of hair shafts in retinoid – induced acquired progressive kinking of the hair</b> <i>Breier E, Moser D, Hoenigsmann H, Tanew A</i></p>	<p><b>Chair:</b> <b>R. Paus, Hamburg / Munich, D</b> <b>M. Böhm, Münster, D</b> <i>(WG-Dermato-endocrinology)</i></p>
<b>10:15-10:45</b>	Coffee & Tea	
<b>10:45-12:00</b>	<p><b>Contributions V: New Methods</b> <b>Ultrastructure and Analysis</b></p> <p><b>1) Ultrastructure in dermatoncology: examples of clinical and scientific relevance</b> <i>Prignano F, Pimpinelli N</i></p> <p><b>2) Insulin receptor complexes in epidermal HaCaT cells</b> <i>Depner S, Schwarzer W, Assmus A, Fusenig N E, and Breitzkreutz D</i></p> <p><b>3) Netherton syndrome: LEKTI-deficiency in skin and in duodenum epithelium</b> <i>Munk I, Hausser I, Skopnik H, Oji V, Traupe H</i></p> <p><b>4) Localized MMP2 secretion induced by melanoma epithelial cell interaction</b> <i>Schnäker E M, Ossig R, Dreier R, Goerge T, Oberleithner H, Luger T A, Schneider S W</i></p> <p><b>5) Therapy control of sclerodermatoid dermatoses by Optical Coherence Tomography</b> <i>Kunzi-Rapp K, Weber L, Scharfetter-Kochanek K, Steiner R</i></p>	<p><b>Chair:</b> <b>F. Prignano, Firenze, I</b> <b>J. McMillan, Sapporo, J</b></p> <p><small>Notice: Due to authors request for organisational / technical reasons this particular presentation 3) had to be changed into a Poster Presentation after closing of the printing deadline</small></p>

<b>12:00-14:00</b>	Lunch	
	<b>New Methods &amp; Techniques</b>	
<b>14:00-14:45</b>	<b>Lecture: “Nanotechnology and Nanoanalytics for life science”</b>	<b>R. Wiesendanger, M. Ashino, Hamburg, D</b>
<b>14:45-15:45</b>	<p><b>Contributions VI: Nano2life and Hansenanotec New methods for skin research</b></p> <p><b>1) Microfabricated microneedles for gene delivery to human skin</b> <i>Birchall J C, Coulman S A, Barrow D, Anstey A, Gateley C, Morrissey A, Wilke N, Allender C</i></p> <p><b>2) CFTR in human red blood cell membranes: Quantification, dynamics and influence on cell elasticity</b> <i>Schillers H, Lange T, Nikova D, Bruns R, Oberleithner H</i></p> <p><b>3) Loss of regular cuticula-pattern in Comel-Netherton patients imaged and analysed by atomic-force-microscopy (AFM)</b> <i>Ständer H, Oji V, Löbbe C, Haschke H, Traupe H, and Schneider S W</i></p> <p><b>4) Cryogenic dynamic force microscopy / Spectroscopy of molecular systems: Introduction and application to biological macromolecules</b> <i>Ashino M, Wiesendanger R</i></p>	<p><b>Chair:</b> <b>S. Schneider, Münster, D</b> <b>T. Richter, Hamburg, D</b></p>
<b>15:45-16:00</b>	<p><b>SELECTED PAPERS AWARDS AND FINAL WORDS</b></p> <p>Drink, Coffee &amp; Tea</p> <p>ADJOURN</p>	<p><b>J. Lademann</b> <b>S. Ständer</b> <b>R. Wepf</b></p>
<b>16:00-18:00</b>	Local Committee meeting/Diner	

