

Publication List

| | |
|---|----|
| 1 Skin Physiology and Skin Care..... | 2 |
| 1.1 Newborns, Infants and Children..... | 2 |
| 1.2 Adults and Aged | 3 |
| 2 Hair and Hair Diseases..... | 7 |
| 3 Drug Targeting | 13 |
| 3.1 Original work | 13 |
| 3.2 Reviews..... | 19 |
| 4 Pressure Ulcers, Wounds, Healing and Epidermal Regeneration | 20 |
| 5 Health- and Nursing Sciences and Research Methods..... | 26 |
| 6 Skin Diseases..... | 29 |
| 6.1 Rosacea | 29 |
| 6.2 Ichthyosis | 29 |
| 6.3 Acne | 29 |
| 6.4 Other | 30 |



1 Skin Physiology and Skin Care

1.1 Newborns, Infants and Children

[Noninvasive monitoring of plant-based formulations on skin barrier properties in infants with dry skin and risk for atopic dermatitis.](#)

Lünnemann L, Ludriksone L, **Schario M**, Sawatzky S, Stroux A, **Blume-Peytavi U**, Garcia Bartels N. Int J Womens Dermatol. 2018;4(2):95-101.

[Prevention and treatment of diaper dermatitis.](#)

Blume-Peytavi U, **Kanti V**. Pediatr Dermatol. 2018;35 Suppl 1:s19-s23.

[Influence of sunflower seed oil or baby lotion on the skin barrier function of newborns: A pilot study.](#)

Kanti V, **Günther M**, **Stroux A**, Sawatzky S, Henrich W, Abou-Dakn M, **Blume-Peytavi U**, **Garcia Bartels N**. J Cosmet Dermatol. 2017;16(4):500-507.

[Symmetrische entzündliche, erosive Plaques und Blasen bei einem Säugling.](#)

Jahnke I, **Vogt A**, **Stieler KM**, Hennermann J, **Blume-Peytavi U**. J Dtsch Dermatol Ges. 2017;15(9):955-958..

[Recommendations from a European Roundtable Meeting on Best Practice Healthy Infant Skin Care.](#)

Blume-Peytavi U, Lavender T, Jenerowicz D, Ryumina I, Stalder JF, Torrelo A, Cork MJ. Pediatr Dermatol. 2016;33(3):311-321.

[Children with Dry Skin and Atopic Predisposition: Outcome Measurement with Validated Scores for Atopic Dermatitis.](#)

Sawatzky S, **Schario M**, **Stroux A**, **Lünnemann L**, Zuberbier T, **Blume-Peytavi U**, **Garcia Bartels N**. Skin Pharmacol Physiol. 2016;29(3):148-156.

[Fragility of epidermis in newborns, children and adolescents.](#)

Blume-Peytavi U, Tan J, Tennstedt D, Boralevi F, Fabbrocini G, Torrelo A, Soares-Oliveira R, Haftek M, Rossi AB, Thouvenin MD, Mangold J, Galliano MF, Hernandez-Pigeon H, Aries MF, Rouvrais C, Bessou-Touya S, Duplan H, Castex-Rizzi N, Mengeaud V, Ferret PJ, Clouet E, Saint Aroman M, Carrasco C, Coutanceau C, Guiraud B, Boyal S, Herman A, Delga H, Biniek K, Dauskardt R. J Eur Acad Dermatol Venereol. 2016;30 Suppl 4:3-56.

[Postnatal maturation of skin barrier function in premature infants](#)

Kanti V, Bonzel A, **Stroux A**, Proquitté H, Bühner C, **Blume-Peytavi U**, **Garcia Bartels N**. Skin Pharmacol Physiol. 2014;27(5):234-41.

[Influence of Sunflower Seed Oil on the Skin Barrier Function of Preterm Infants: A Randomized Controlled Trial](#)

Kanti V, Grande C, Stroux A, Bühner C, **Blume-Peytavi U**, **Garcia Bartels N**. Dermatology. 2014;229(3):230-239.

[Effect of diaper cream and wet wipes on skin barrier properties in infants: a prospective randomized controlled trial.](#)

Garcia Bartels N, **Lünnemann L**, **Stroux A**, **Kottner J**, Serrano J, **Blume-Peytavi U**. Pediatr Dermatol. 2014;31(6):683-91.

[Arbeitsgemeinschaft Pädiatrische Dermatologie in der DDG e. V. 1992-2014: Kinderdermatologie etabliert auf nationaler, europäischer und internationaler Ebene.](#)

Blume-Peytavi U, Fölster-Holst R. J Dtsch Dermatol Ges. 2014;12 Suppl 4:60-2.

[Postnatal maturation of skin barrier function in premature infants](#)

Kanti V, Bonzel A, Stroux A, Proquitté H, Bühner C, **Blume Peytavi U**, **Garcia Bartels N**. Skin Pharmacol Physiol. 2014;27(5):234-41.



[Prevention of Diaper Dermatitis in Infants - a Literature Review](#)

Blume-Peytavi U, Hauser M, **Lünnemann L**, Stamatias GN, **Kottner J**, **Garcia Bartels N**.
Pediatr Dermatol. 2014;31(4):413-29.

[Children with Dry Skin and Atopic Predisposition: Daily Use of Emollients in a Participant-Blinded, Randomized, Prospective Trial](#)

Schario M, **Lünnemann L**, Stroux A, Reissbauer A, Zuberbier T, **Blume-Peytavi U**, **Garcia Bartels N**.
Skin Pharmacol Physiol. 2014;27(4):208.

[Skin barrier function in infancy: a systematic review](#)

Ludriksone L, **Garcia Bartels N**, **Kanti V**, **Blume-Peytavi U**, **Kottner J**. Arch Dermatol Res.
2014;306(7):591-599.

[Standardized Diaper Care Regimen: A Prospective, Randomized Pilot Study on Skin Barrier Function and Epidermal IL-1 \$\alpha\$ in Newborns.](#)

Garcia Bartels N, **Massoudy L**, Scheufele R, Dietz E, Proquitté H, Wauer R, Bertin C, Serrano J,
Blume-Peytavi U. Pediatr Dermatol. 2012;29(3):270-276.

[Skin care practices for newborns and infants: review of the clinical evidence for best practices.](#)

Blume-Peytavi U, Hauser M, Stamatias GN, Pathirana D, **Garcia Bartels N**. Pediatr Dermatol.
2012;29(1):1-14.

[Optimizing the treatment of atopic dermatitis in children: a review of the benefit/risk ratio of methylprednisolone aceponate.](#)

Blume-Peytavi U, Wahn U. J Eur Acad Dermatol Venereol. 2011;25(5):508-515.

[Effect of baby swimming and baby lotion on the skin barrier of infants aged 3-6 months.](#)

Garcia Bartels N, Rösler S, Martus P, Stroux A, Lönnfors S, Reißbauer A, **Blume-Peytavi U**. J Dtsch
Dermatol Ges. 2011;9(12):1018-1025.

[Effect of standardized skin care regimens on neonatal skin barrier function in different body areas.](#)

Garcia Bartels N, Scheufele R, Prosch F, Schink T, Proquitté H, Wauer RR, **Blume-Peytavi U**.
Pediatr Dermatol. 2010;27(1):1-8. Erratum in: Pediatr Dermatol. 2010;27(2):221.

[Hautpflege im Säuglingsalter – Zum Einfluss standardisierter Pflegeregime auf die Hautbarrierefunktion](#)

Blume-Peytavi U, **Garcia Bartels N**. Akt Dermatol. 2010;36:214-216.

[Influence of bathing or washing on skin barrier function in newborns during the first four weeks of life.](#)

Garcia Bartels N, Mleczko A, Schink T, Proquitté H, Wauer RR, **Blume-Peytavi U**. Skin Pharmacol
Physiol. 2009;22(5):248-257.

[Bathing and cleansing in newborns from day 1 to first year of life: recommendations from a European round table meeting.](#)

Blume-Peytavi U, Cork MJ, Faergemann J, Szczapa J, Vanaclocha F, Gelmetti C. J Eur Acad
Dermatol Venereol. 2009;23(7):751-759.

[15 years study group of pediatric dermatology within the DDG--a review.](#)

Blume-Peytavi U, **Albrecht-Nebe H**. J Dtsch Dermatol Ges. 2007;5(8):718-719.

[Stratum corneum maturation. A review of neonatal skin function.](#)

Chiou YB, **Blume-Peytavi U**. Skin Pharmacol Physiol. 2004;17(2):57-66.

1.2 Adults and Aged

[Maintaining skin integrity in the aged: A systematic review.](#)

Lichterfeld-Kottner A, **El Genedy M**, Lahmann N, **Blume-Peytavi U**, Büscher A, **Kottner J**.
Int J Nurs Stud. 2020 Mar;103:103509.



[Person-Centred Dermatology Self-care Index: a translation and validation study.](#)

Kottner J, Ludwig O, Bode T, Cowdell F, Ersser S, **Blume-Peytavi U**, Lahmann N. *J Wound Care*. 2019 Sep 2;28(9):566-575.

[Associations of dry skin, skin care habits, well-being, sleep quality and itch in nursing home residents: Results of a multicentre, observational, cross-sectional study.](#)

Hahnel E, **Blume-Peytavi U**, **Kottner J**. *Nurs Open*. 2019 Jul 25;6(4):1501-1509.

[Enhancing SKIN health and safety in aged CARE \(SKINCARE Trial\): a study protocol for an exploratory cluster-randomized pragmatic trial.](#)

Kottner J, **Hahnel E**, **El Genedy M**, Neumann K, Balzer K. *Trials*. 2019 May 29;20(1):302.

[Dry skin and the use of leave-on products in nursing care: A prevalence study in nursing homes and hospitals.](#)

Lechner A, Lahmann N, **Lichterfeld-Kottner A**, Müller-Werdan U, **Blume-Peytavi U**, **Kottner J**. *Nurs Open*. 2018;6(1):189-196.

[Transepidermal water loss in healthy adults: a systematic review and meta-analysis update.](#)

Akdeniz M, **Gabriel S**, **Lichterfeld-Kottner A**, **Blume-Peytavi U**, **Kottner J**. *Br J Dermatol*. 2018;179(5):1049-1055.

[Skin Care Products for Healthy and Diseased Skin.](#)

Surber C, Dragicevic N, **Kottner J**. *Curr Probl Dermatol*. 2018;54:183-200.

[Effect of Fluid Intake on Hydration Status and Skin Barrier Characteristics in Geriatric Patients: An Explorative Study.](#)

Akdeniz M, Boeing H, Müller-Werdan U, Aykac V, Steffen A, Schell M, **Blume-Peytavi U**, **Kottner J**. *Skin Pharmacol Physiol*. 2018;31(3):155-162.

[Patterns and associations of structural and functional cutaneous responses during loading at heel and sacral skin in aged females: A reanalysis of clinical study data.](#)

Pfannes EKB, **Blume-Peytavi U**, **Kottner J**. *J Tissue Viability*. 2018;27(3):123-129.

[Does dietary fluid intake affect skin hydration in healthy humans? A systematic literature review.](#)

Akdeniz M, **Tomova-Simitchieva T**, **Dobos G**, **Blume-Peytavi U**, **Kottner J**. *Skin Res Technol*. 2018;24(3):459-465.

[Associations between skin barrier characteristics, skin conditions and health of aged nursing home residents: a multi-center prevalence and correlational study.](#)

Hahnel E, **Blume-Peytavi U**, **Trojahn C**, **Kottner J**. *BMC Geriatr*. 2017;17(1):263.

[Prevalence and associated factors of skin diseases in aged nursing home residents: a multicentre prevalence study.](#)

Hahnel E, **Blume-Peytavi U**, **Trojahn C**, **Dobos G**, **Jahnke I**, **Kanti V**, **Richter C**, **Lichterfeld-Kottner A**, **Garcia Bartels N**, **Kottner J**. *BMJ Open*. 2017;7(9):e018283.

[Dry skin and pressure ulcer risk: A multi-center cross-sectional prevalence study in German hospitals and nursing homes.](#)

Lechner A, Lahmann N, Neumann K, **Blume-Peytavi U**, **Kottner J**. *Int J Nurs Stud*. 2017;73:63-69.

[Transepidermal Water Loss](#)

Vogt A, **Kottner J** In: Baran R, Maibach H, editors. *Textbook of Cosmetic Dermatology*, 5th ed. San Francisco, California; Lask J. G, Lask G. P, Goldberg D. J; 2017. Chapter 3, p 28-31.

[The effectiveness of standardized skin care regimens on skin dryness in nursing home residents: A randomized controlled parallel-group pragmatic trial.](#)

Hahnel E, **Blume-Peytavi U**, **Trojahn C**, **Dobos G**, **Stroux A**, **Garcia Bartels N**, **Jahnke I**, **Lichterfeld-Kottner A**, **Neels-Herzmann H**, **Klasen A**, **Kottner J**. *Int J Nurs Stud*. 2017;70:1-10.



[Hautrisiko Inkontinenz](#)

Kottner J, Blume-Peytavi U. Schwester Pfleger. 2017;56(2/17):40-43.

[Hautpflege: Interventionen kritisch abwägen](#)

Kottner J, Surber C. Schwester Pfleger. 2017;56(5/7);24- 28.

[The effectiveness of using a bath oil to reduce signs of dry skin: A randomized controlled pragmatic study.](#)

Kottner J, Kanti V, Dobos G, Hahnel E, Lichterfeld-Kottner A, Richter C, Hillmann K, Vogt A, Blume-Peytavi U. Int J Nurs Stud. 2017;65:17-24.

[Hautpflegepraxis im Krankenhaus: Eine deskriptive Studie](#)

Lichterfeld A, Peters T, Hauss A, Surber C, Kottner J, Blume-Peytavi U. Pflegewissenschaft. 2016;69(6):349a-349f.

[Skin care in nursing: A critical discussion of nursing practice and research.](#)

Kottner J, Surber C. Int J Nurs Stud. 2016;61:20-28.

[Assessment of Topical Skin Care Practices in Long-Term Institutional Nursing Care from a Health Service Perspective.](#)

Rahn Y, Lahmann N, **Blume-Peytavi U, Kottner J.** J Gerontol Nurs. 2016;42(6):18-24.

[Effects of intrinsic aging and photodamage on skin dyspigmentation: an explorative study.](#)

Dobos G, Trojahn C, D'Alessandro B, Patwardhan S, Canfield D, Blume-Peytavi U, Kottner J. J Biomed Opt. 2016;21(6):66016

[Age-Associated Skin Conditions and Diseases: Current Perspectives and Future Options.](#)

Blume-Peytavi U, Kottner J, Sterry W, Hodin MW, Griffiths TW, Watson RE, Hay RJ, Griffiths CE. Gerontologist. 2016;56(Suppl 2):S230-S242. Review.

[Dry skin in nursing care receivers: A multi-centre cross-sectional prevalence study in hospitals and nursing homes.](#)

Lichterfeld A, Lahmann N, Blume-Peytavi U, Kottner J. Int J Nurs Stud. 2016;56:37-44.

[Principles of Skin Care in the Elderly.](#)

Surber C, Brandt S, Cozzio A, **Kottner J.** G Ital Dermatol Venereol. 2015;150(6):699-716

[Using ultrasound elastography to monitor human soft tissue behaviour during prolonged loading: A clinical explorative study.](#)

Schäfer G, **Dobos G, Lünemann L, Blume-Peytavi U, Fischer T, Kottner J.** J Tissue Viability. 2015;24(4):165-172.

[The skin barrier function: differences between intrinsic and extrinsic aging.](#)

Trojahn C, Dobos G, Blume-Peytavi U, Kottner J. G Ital Dermatol Venereol. 2015;150(6):687-692.

[Skin aging.](#)

Sterry W, **Blume-Peytavi U.** G Ital Dermatol Venereol. 2015;150(6):663.

[Quantifying dyspigmentation in facial skin ageing: an explorative study.](#)

Dobos G, Trojahn C, Lichterfeld A, D'Alessandro B, Patwardhan SV, Canfield D, Blume-Peytavi U, Kottner J. Int J Cosmet Sci. 2015.37(5):542-549.

[Evidence-Based Skin Care: A Systematic Literature Review and the Development of a Basic Skin Care Algorithm.](#)

Lichterfeld A, Hauss A, Surber C, Peters T, Blume-Peytavi U, Kottner J. J Wound Ostomy Continence Nurs. 2015;42(5):501-24.



[Skin response to sustained loading: A clinical explorative study.](#)

Kottner J, Dobos G, Andruck A, Trojahn C, Apelt J, Wehrmeyer H, Richter C, Blume-Peytavi U. J Tissue Viability. 2015;24(3):114-122.

[Evaluation of Skin Ageing: a systematic review of clinical scales.](#)

Dobos G, Lichterfeld A, Blume-Peytavi U, Kottner J. Br J Dermatol. 2015;172(5):1249-1261.

[Weightbearing-Induced Changes in the Micro-topography and Structural Stiffness of Human Skin in vivo Following Immobility Periods.](#)

Dobos G, Gefen A, Blume-Peytavi U, Kottner J. Wound Repair Regen. 2015;23(1):37-43.

[\[Skin health promotion in the elderly\]](#)

Kottner J, Lichterfeld A, Blume-Peytavi U, Kuhlmeier A. Z Gerontol Geriatr. 2015;48(3):231-236.

[Measuring skin aging using optical coherence tomography in vivo: a validation study.](#)

Trojahn C, Dobos G, Richter C, Blume-Peytavi U, Kottner J. J Biomed Opt. 2015;20(4):045003.

[Blistering Time as a Parameter for the Strength of Dermal- Epidermal Adhesion: A Systematic Review and Meta- Analysis](#)

Hatje LK, Richter C, Blume-Peytavi U, Kottner J. Br J Dermatol. 2015;172(2):323-330.

[A multi-center prevalence study and randomized controlled parallel-group pragmatic trial to compare the effectiveness of standardized skin care regimens on skin health in nursing home residents: A study protocol.](#)

Kottner J, Hahnel E, Trojahn C, Stroux A, Dobos G, Lichterfeld A, Richter C, Blume-Peytavi U. Int J Nurs Stud. 2015;52(2):598-604.

[Characterizing facial skin ageing in humans: disentangling extrinsic from intrinsic biological phenomena.](#)

Trojahn C, Dobos G, Lichterfeld A, Blume-Peytavi U, Kottner J. Biomed Res Int. 2015;3:18586.

[The epidemiology of skin care provided by nurses at home: a multicentre prevalence study.](#)

Kottner J, Boronat X, Blume-Peytavi U, Lahmann N, Suhr R. J Adv Nurs. 2015;71(3):570-580.

[Relation between skin micro-topography, roughness, and skin age](#)

Trojahn C, Dobos G, Schario M, Ludriksone L, Blume-Peytavi U, Kottner J. Skin Res Technol. 2015;(1):69-75.

[Reliability and validity of two in vivo measurements for skin surface topography in aged adults](#)

Trojahn C, Schario M, Dobos G, Blume-Peytavi U, Kottner J. Skin Res Technol. 2015;21(1):54-60.

[Associations between individual characteristics and incontinence-associated dermatitis: A secondary data analysis of a multi-centre prevalence study](#)

Kottner J, Blume-Peytavi U, Lohrmann C, Halfens R. Int J Nurs Stud. 2014;51(10):1373-1380.

[Do repeated skin barrier measurements influence each other's results? An explorative study](#)

Kottner J, Ludriksone L, Garcia Bartels N, Blume-Peytavi U. Skin Pharmacol Physiol. 2014;27(2):90-96.

[Maintaining Skin Integrity in the Aged: A Systematic Review.](#)

Kottner J, Lichterfeld A, Blume-Peytavi U. Br J Dermatol. 2013;169(3):528-542.

[Transepidermal water loss in young and aged healthy humans: a systematic review and meta-analysis](#)

Kottner J, Lichterfeld A, Blume-Peytavi U. Arch Dermatol Res. 2013;305(4):315-323.

[\[Recommendations for skin care in advanced age and need for nursing care. Assessing the current status of the skin\]](#)

Kottner J, Blume-Peytavi U. Pflege Z. 2013;66(4):200-2013.



[Comparison of two in vivo measurements for skin surface topography.](#)

Kottner J, Schario M, Garcia Bartels N, Pantchechnikova E, Hillmann K, Blume-Peytavi U. Skin Res Technol. 2013;19(2):84-90.

[How does immobility affect the skin barrier?](#)

Kottner J, Dobos G, Blume-Peytavi U. EWMA Journal Supplement. 2013;13(1):26.

[Am tatsächlichen Hautzustand orientieren \[Recommendations for skin care in advanced age and need for nursing care. Assessing the current status of the skin\].](#)

Kottner J, Blume-Peytavi U. Pflege Z. 2013;66(4):200-203.

[Skin care practice in German nursing homes: a German-wide cross-sectional study](#)

Kottner J, Rahn Y, Blume-Peytavi U, Lahmann N. J Dtsch Dermatol Ges. 2013;11(4):329-37.

[Systematic review of skin aging scores](#)

Dobos G, Lichterfeld A, Blume-Peytavi U, Kottner J. Prospero. 2012.

[Patient experiences with oily skin: the qualitative development of content for two new patient reported outcome questionnaires.](#)

Arbuckle R, Atkinson MJ, Clark M, Abetz L, Lohs J, Kuhagen I, Harness J, Draelos Z, Thiboutot D, **Blume-Peytavi U**, Copley-Merriman K. Health Qual Life Outcomes. 2008;16:6:80.

[One-year study on the variation of carotenoid antioxidant substances in living human skin: influence of dietary supplementation and stress factors.](#)

Darvin ME, Patzelt A, Knorr F, **Blume-Peytavi U**, Sterry W, Lademann J. J Biomed Opt. 2008;13(4):044028.

2 Hair and Hair Diseases

[The Alopecia Areata Consensus of Experts \(ACE\) Study: Results of an International Expert Opinion on Treatments for Alopecia Areata.](#)

Meah N, Wall D, York K, Bhojru B, Bokhari L, Sigall DA, Bergfeld WF, Betz RC, **Blume-Peytavi U**, Callender V, Chitreddy V, Combalia A, Cotsarelis G, Craiglow B, Donovan J, Eisman S, Farrant P, Green J, Grimalt R, Harries M, Hordinsky M, Irvine AD, Itami S, Jolliffe V, King B, Lee WS, McMichael A, Messenger A, Mirmirani P, Olsen E, Orlov SJ, Piraccini BM, Rakowska A, Reygagne P, Roberts JL, Rudnicka L, Shapiro J, Sharma P, Tosti A, **Vogt A**, Wade M, Yip L, Zlotogorski A, Sinclair R. J Am Acad Dermatol. 2020 Mar 9. pii: S0190-9622(20)30375-3. doi: 10.1016/j.jaad.2020.03.004. [Epub ahead of print]

[The role of the microbiome in scalp hair follicle biology and disease.](#)

Polak-Witka K, Rudnicka L, Blume-Peytavi U, Vogt A. Exp Dermatol. 2020 Mar;29(3):286-294.

[A Contemporary View on Felix Pinkus' Concept of the Vitreous Membrane.](#)

Stieler K, Vogt A, Sterry W, Haas N, Blume-Peytavi U. Skin Appendage Disord. 2020 Jan;6(1):25-31

[Frequency of the Types of Alopecia at Twenty-Two Specialist Hair Clinics: A Multicenter Study.](#)

Vañó-Galván S, Saceda-Corralo D, **Blume-Peytavi U**, Cucchiá J, Dlova NC, Gavazzoni Dias MFR, Grimalt R, Guzmán-Sánchez D, Harries M, Ho A, Holmes S, Larrondo J, Mosam A, Oliveira-Soares R, Pinto GM, Piraccini BM, Pirmez R, De la Rosa Carrillo D, Rudnicka L, Shapiro J, Sinclair R, Tosti A, Trüeb RM, **Vogt A**, Miteva M. Skin Appendage Disord. 2019 Aug;5(5):309-315.

[Frontal fibrosing alopecia: demographic and clinical characteristics of 490 cases.](#)

Kanti V, Constantinou A, Reygagne P, Vogt A, Kottner J, Blume-Peytavi U. J Eur Acad Dermatol Venereol. 2019 Oct;33(10):1976-1983.



[Efficacy and safety of a new 5% minoxidil formulation in male androgenetic alopecia: A randomized, placebo-controlled, double-blind, noninferiority study.](#)

Blume-Peytavi U, Issiakhem Z, Gautier S, **Kottner J**, Wigger-Alberti W, Fischer T, Hoffmann R, Tonner F, Bouroubi A, Voisard JJ. J Cosmet Dermatol. 2019 Feb;18(1):215-220.

[\[5-year-old girl with band-like occipital hair loss without visible inflammation signs: Preparation for the specialist examination: part 36\].](#)

Hillmann K, **Blume-Peytavi U**. Hautarzt. 2019;70(Suppl 1):37-40.

[Differential expression of mTOR signaling pathway proteins in lichen planopilaris and frontal fibrosing alopecia.](#)

Dicle O, Celik-Ozenci C, Sahin P, **Pfannes EKB**, **Vogt A**, Altinok BN, **Blume-Peytavi U**. Acta Histochem. 2018;120(8):837-845

[Evidence-based \(S3\) guideline for the treatment of androgenetic alopecia in women and in men - short version.](#)

Kanti V, Messenger A, **Dobos G**, Reygagne P, Finner A, Blumeyer A, Trakatelli M, Tosti A, Del Marmol V, Piraccini BM, Nast A, **Blume-Peytavi U**. J Eur Acad Dermatol Venereol. 2018;32(1):11-22.

[Cicatricial alopecia.](#)

Kanti V, Röwert-Huber J, **Vogt A**, **Blume-Peytavi U**. J Dtsch Dermatol Ges. 2018;16(4):435-461.

[Parent-of-origin Effect in Alopecia Areata: A Large-scale Pedigree Study.](#)

Redler S, Basmanav FB, Blaumeiser B, **Bartels NG**, Lutz G, Tafazzoli A, Kruse R, Wolff H, Böhm M, **Blume-Peytavi U**, Becker T, Nöthen MM, Betz RC. Acta Derm Venereol. 2017;97(7):862-863.

[\[Scalp disorders\].](#)

Blume-Peytavi U, Weisshaar E. Hautarzt. 2017;68(6):430.

[Infundibular protein and RNA-microarray analyses from affected and clinically non-affected scalp in male androgenetic alopecia patients.](#)

Vogt A, **Pfannes EK**, **Fimmel S**, **Hadam S**, **Andruck A**, **Kottner J**, **Blume-Peytavi U**. Exp Dermatol. 2017;26(6):518-521.

[Genome-wide analysis of copy number variants in alopecia areata in a Central European cohort reveals association with MCHR2.](#)

Fischer J, Degenhardt F, Hofmann A, Redler S, Basmanav FB, Heilmann-Heimbach S, Hanneken S, Giehl KA, Wolff H, Moebus S, Kruse R, Lutz G, Blaumeiser B, Böhm M, **Garcia Bartels N**, **Blume-Peytavi U**, Petukhova L, Christiano AM, Nöthen MM, Betz RC. Exp Dermatol. 2017;26(6):536-541.

[Effect of minoxidil topical foam on frontotemporal and vertex androgenetic alopecia in men: a 104-week open-label clinical trial.](#)

Kanti V, **Hillmann K**, **Kottner J**, Stroux A, Canfield D, **Blume-Peytavi U**. J Eur Acad Dermatol Venereol. 2016;30(7):1183-1189.

[Mutations in Three Genes Encoding Proteins Involved in Hair Shaft Formation Cause Uncombable Hair Syndrome.](#)

Ü Basmanav FB, Cau L, Tafazzoli A, Méchin MC, Wolf S, Romano MT, Valentin F, Wiegmann H, Hucheng A, Kandil R, Garcia Bartels N, Kilic A, George S, Ralser DJ, Bergner S, Ferguson DJ, Oprisoreanu AM, Wehner M, Thiele H, Altmüller J, Nürnberg P, Swan D, Houniet D, Büchner A, Weibel L, Wagner N, Grimalt R, Bygum A, Serre G, **Blume-Peytavi U**, Sprecher E, Schoch S, Oji V, Hamm H, Farrant P, Simon M, Betz RC. Am J Hum Genet. 2016;99(6):1292-1304.

[A Phase III, Multicenter, Parallel-Design Clinical Trial to Compare the Efficacy and Safety of 5% Minoxidil Foam Versus Vehicle in Women With Female Pattern Hair Loss.](#)

Bergfeld W, Washenik K, Callender V, Zhang P, Quiza C, Doshi U, **Blume-Peytavi U**. J Drugs Dermatol. 2016;15(7):874-81.



[Efficacy and Safety of Once-Daily Minoxidil Foam 5% Versus Twice-Daily Minoxidil Solution 2% in Female Pattern Hair Loss: A Phase III, Randomized, Investigator-Blinded Study.](#)

Blume-Peytavi U, Shapiro J, Messenger AG, Hordinsky MK, Zhang P, Quiza C, Doshi U, Olsen EA. J Drugs Dermatol. 2016;15(7):883-9.

[The Diagnosis and Treatment of Hair and Scalp Diseases.](#)

Wolff H, Fischer TW, **Blume-Peytavi U**. Dtsch Arztebl Int. 2016;113(21):377-86.

[Evaluation of trichodynia \(hair pain\) during chemotherapy or tamoxifen treatment in breast cancer patients.](#)

Kanti V, **Nuwayhid R**, Lindner J, **Hillmann K**, Bangemann N, Kleine-Tebbe A, **Blume-Peytavi U**, **Garcia Bartels N**. J Eur Acad Dermatol Venereol. 2016;30(1):112-118.

[A Single-Centre, Randomized, Double-Blind, Placebo-Controlled Clinical Trial to Investigate the Efficacy and Safety of Minoxidil Topical Foam in Frontotemporal and Vertex Androgenetic Alopecia in Men](#)

Hillmann K, **Garcia Bartels N**, **Kottner J**, Stroux A, Canfield D, **Blume-Peytavi U**. Skin Pharmacom Physiol. 2015;28:236-244.

[ImmunoChip-Based Analysis: High-Density Genotyping of Immune-Related Loci Sheds Further Light on the Autoimmune Genetic Architecture of Alopecia Areata.](#)

Redler S, Angisch M, Heilmann S, Wolf S, Barth S, Buket Basmanav F, Giehl KA, Hanneken S, Eigelshoven S, Mangold E, Kruse R, Blaumeiser B, Böhm M, Knapp M, **Bartels NG**, Lutz G, Wolff H, **Blume-Peytavi U**, Nöthen MM, Becker T, Betz RC. J Invest Dermatol. 2015;135(3):919-921.

[Analysis of quantitative changes in hair growth during treatment with chemotherapy or tamoxifen in breast cancer patients: a cohort study.](#)

Kanti V, Nuwayhid R, Lindner J, Hillmann K, Stroux A, Bangemann N, Kleine-Tebbe A, Blume-Peytavi U, Garcia Bartels N. Br J Dermatol. 2014;170(3):643-650.

[Investigation of four novel male androgenetic alopecia susceptibility loci: no association with female pattern hair loss.](#)

Nuwayhid R, Redler S, Heilmann S, Drichel D, Wolf S, Birch P, Dobson K, Lutz G, Giehl KA, Kruse R, Tazi-Ahnini R, Hanneken S, Böhm M, Miesel A, Fischer T, Wolff H, Becker T, **Garcia-Bartels N**, **Blume-Peytavi U**, Nöthen MM, Messenger AG, Betz RC. Arch Dermatol Res. 2014;306(4):413-418.

[The oestrogen receptor 2 \(ESR2\) gene in female pattern hair loss: Replication of association with rs10137185 in German patients.](#)

Redler S, Birch P, Drichel D, Hofmann P, Dobson K, Böhmer AC, Becker J, Giehl KA, Tazi-Ahnini R, Kruse R, Wolff H, Miesel A, Fischer T, Böhm M, Nuwayhid R, **Garcia Bartels N**, Lutz G, Becker T, **Blume-Peytavi U**, Nöthen MM, Messenger AG, Betz RC. Br J Dermatol. 2014;170(4):982-985.

[\[Androgenetic alopecia. Diagnosis and therapy- a current review\].](#)

Blume-Peytavi U, **Vogt A**. Hautarzt. 2013;64(11):820-9.

[Investigation of six novel susceptibility loci for male androgenetic alopecia in women with female pattern hair loss](#)

Redler S, Dobson K, Drichel D, Heilmann S, Wolf S, Brockschmidt FF, Tazi-Ahnini R, Birch P, Teßmann P, Giehl KA, Kruse R, Lutz G, **Garcia Bartels N**, Hanneken S, Wolff H, Böhm M, Becker T, **Blume-Peytavi U**, Nöthen MM, Messenger AG, Betz RC. J Dermatol Sci. 2013;72(2):186-188. [Hair-shaft abnormality in a 7-year-old girl. Trichorrhexis nodosa dueto biotinidase deficiency.](#) Lünemann L, **Vogt A**, **Blume-Peytavi U**, **Garcia Bartels N**. JAMA Dermatol. 2013;149(3):357-363

[Selected variants of the melanocortin 4 receptor gene \(MC4R\) do not confer susceptibility to female pattern hair loss.](#)

Mahmoudi H, Redler S, Birch P, Drichel D, Dobson K, Tazi-Ahnini R, Teßmann P, Giehl KA, Kruse R, Lutz G, Hanneken S, Wolff H, **Blume-Peytavi U**, Becker T, Nöthen MM, Messenger AG, Böhm M, Betz RC. Arch Dermatol Res. 2013;305(3):249-253.



[Psychotrichology: psychosomatic aspects of hair diseases.](#)

Harth W, **Blume-Peytavi U**. J Dtsch Dermatol Ges. 2013;11(2):125-135.

[How to diagnose and treat medically women with excessive hair](#)

Blume-Peytavi U. Dermatol Clin. 2013;31(1):57-65.

[Skin academy: hair, skin, hormones and menopause - current status/knowledge on the management of hair disorders in menopausal women.](#)

Blume-Peytavi U, Atkin S, Gieler U, Grimalt R. Eur J Dermatol. 2012;22(3):310-318.

[Hirsutismus – Klinik und Differenzialdiagnostik.](#)

Rabe T, Reisch N, **Blume-Peytavi U**, Schüring A, Merkle E, Stute P, Sinn P, Wildt L, Geisthövel F, Mueck AO, Egrater C, König K, Albring Ch. In: Rabe T, editors. Seminar in Gynäkologischer Endokrinologie - Ein Praxisleitfaden, 1st ed. Heidelberg; Thomas Rabe; 2012. Chapter 4, p 472-490.

[Hirsutismus - Nicht-hormonelle Therapie](#)

Gansel RW, Schulz M, Schwandt A, **Blume-Peytavi U**, Merkle E, Reisch N, Schüring A, Stute P, Wildt L. In: Rabe T, editors. Seminar in Gynäkologischer Endokrinologie - Ein Praxisleitfaden, 1st ed. Heidelberg; Thomas Rabe; 2012. Chapter 4, p 491-514.

[Hair shaft abnormalities after chemotherapy and tamoxifen therapy in patients with breast cancer evaluated by optical coherence tomography.](#)

Lindner J, **Hillmann K**, **Blume-Peytavi U**, Lademann J, Lux A, Stroux A, Schneider A, **Garcia Bartels N**. Br J Dermatol. 2012;167(6):1272-1278.

[Erkrankungen der Haare und Nägel.](#)

Blume-Peytavi U, **Papakostas D**. In: Wiesner T, Smolle J, Fried I, Sterry W, Kerl H, editors. Das Derma-Kurs-Buch, 1st ed. Berlin/Boston; De Gruyter; 2012. Chapter 11, p 157-168.

[Follow-up study of the first genome-wide association scan in alopecia areata: IL13 and KIAA0350 as susceptibility loci supported with genome-wide significance.](#)

Jagielska D, Redler S, Brockschmidt FF, Herold C, Pasternack SM, **Garcia Bartels N**, Hanneken S, Eigelshoven S, Refke M, Barth S, Giehl KA, Kruse R, Lutz G, Wolff H, Blaumeiser B, Böhm M, **Blume-Peytavi U**, Becker T, Nöthen MM, Betz RC. J Invest Dermatol. 2012;132(9):2192-2197.

[Genome-wide pooling approach identifies SPATA5 as a new susceptibility locus for alopecia areata.](#)

Forstbauer LM, Brockschmidt FF, Moskvina V, Herold C, Redler S, Herzog A, Hillmer AM, Meesters C, Heilmann S, Albert F, Alblas M, Hanneken S, Eigelshoven S, Giehl KA, Jagielska D, **Blume-Peytavi U**, **Garcia Bartels N**, Kuhn J, Hennies HC, Goebeler M, Jung A, Peitsch WK, Kortüm AK, Moll I, Kruse R, Lutz G, Wolff H, Blaumeiser B, Böhm M, Kirov G, Becker T, Nöthen MM, Betz RC. Eur J Hum Genet. 2012;20(3):326-332.

[Analysis of the efficiency of hair removal by different optical methods: comparison of Trichoscan, reflectance confocal microscopy, and optical coherence tomography](#)

Kuck M, Schanzer S, Ulrich M, **Garcia Bartels N**, Meinke MC, Fluhr J, Krah M, **Blume-Peytavi U**, Stockfleth E, Lademann J. Journal Biomed Opt. 2012;17(10):101504-1-101504-5.

[A randomized double-blind placebo-controlled pilot study to assess the efficacy of a 24-week topical treatment by latanoprost 0.1% on hair growth and pigmentation in healthy volunteers with androgenetic alopecia.](#)

Blume-Peytavi U, Lönnfors S, **Hillmann K**, **Garcia Bartels N**. J Am Acad Dermatol. 2012;66(5):794-800.

[A randomized, single-blind trial of 5% minoxidil foam once daily versus 2% minoxidil solution twice daily in the treatment of androgenetic alopecia in women.](#)

Blume-Peytavi U, **Hillmann K**, Dietz E, Canfield D, **Garcia Bartels N**. J Am Acad Dermatol. 2011;65(6):1126-1134.e2.

[Evidence-based \(S3\) guideline for the treatment of androgenetic alopecia in women and in men.](#)

Blumeyer A, Tosti A, Messenger A, Reygagne P, Del Marmol V, Spuls PI, Trakatelli M, Finner A, Kiesewetter F, Trüeb R, Rzany B, **Blume-Peytavi U**; European Dermatology Forum (EDF). J Dtsch Dermatol Ges. 2011;9 Suppl6:1-57.

[An overview of unwanted female hair.](#)

Blume-Peytavi U. Br J Dermatol. 2011;165 Suppl3:19-23.

[Follicles, Fungi, and Scalp conditions – new insights into scalp physiology, pathogenesis, and treatment.](#)

Messenger A, **Blume-Peytavi U**, Hay R, **Vogt A**, Sacha J, Krigbaum H, Shah R, Saunders Ch, Youngquist S, Reeder NL, Xu J.. Br J Dermatol. 2011;165 Suppl 2:1.

[New insights on dandruff/seborrheic dermatitis: the role of the scalp follicular infundibulum in effective treatment strategies.](#)

Schwartz JR, Shah R, Krigbaum H, Sacha J, **Vogt A**, **Blume-Peytavi U**. Br J Dermatol. 2011;165 Suppl2:18-23.

[Optical coherent tomography: promising in vivo measurement of hair shaft cross section.](#)

Garcia Bartels N, **Stieler KM**, Richter H, Patzelt A, Lademann J, **Blume-Peytavi U**. J Biomed Opt. 2011;16(9):096003.

[Hair shaft abnormalities in alopecia areata evaluated by optical coherence tomography.](#)

Garcia Bartels N, **Jahnke I**, Patzelt A, Richter H, Lademann J, **Blume-Peytavi U**. Skin Res Technol. 2011;17(2):201-205.

[Current standards in the diagnostics and therapy of hair diseases - hair consultation.](#)

Blume-Peytavi U, **Vogt A**. J Dtsch Dermatol Ges. 2011;9(5):394-410; Quiz 411-412.

[S1 guideline for diagnostic evaluation in androgenetic alopecia in men, women and adolescents.](#)

Blume-Peytavi U, Blumeyer A, Tosti A, Finner A, Marmol V, Trakatelli M, Reygagne P, Messenger A; European Consensus Group. Br J Dermatol. 2011;164(1):5-15.

[Trichologie.](#)

Wolff H, Hoffmann R, Kunte Ch, Trüeb R, **Blume-Peytavi U**. In: Ruzicka T, Wolff H, Thomas P, Prinz J, editors. Fortschritte der praktischen Dermatologie und Venerologie. Heidelberg: Springer; 2009.pp 624-630.

[Alopécie de l' enfant.](#)

Blume-Peytavi U, **Garcia Bartels N**. in EMC (Education médicale continue) internet. Issy les Moulineaux: Elsevier Masson 2009. 98-810-D-10-Doi:10.1016/S0246-0319(09)45224-5.

[Haarerkrankungen im Kindes- und Jugendalter. Hair disorders in children and adolescents.](#)

Blume-Peytavi U, **Vogt A**, **Garcia Bartels N**. Kinder- und Jugendmedizin. 2009;9(1):32-41. [European Consensus on the evaluation of women presenting with excessive hair growth.](#)

Blume-Peytavi U, Atkin S, Shapiro J, Lavery S, Grimalt R, Hoffmann R, Gieler U, Messenger A, Skin Academy. Eur J Dermatol. 2009;19(6):597-602.

[Diagnosis of hair disorders.](#)

Hillmann K, **Blume-Peytavi U**. Semin Cutan Med Surg. 2009;28(1):33-38.

[Biology of the hair follicle.](#)

Vogt A, McElwee K, **Blume-Peytavi U**. In: **Blume-Peytavi U**, Tosti A, Whiting D, Trüeb R, editors. Hair growth and disorders. Berlin, Heidelberg, New York; Springer; 2008. Chapter 1, p 1-22.

[Evidence-based treatment of hirsutism.](#)

Blume-Peytavi U, **Garcia-Bartels N**. In: Williams H, Bigby M, Diepgen Th, Herxheimer A, Naldi L, Rzany B, editors. Evidence-based Dermatology, 2nd ed. Malden, Oxford, Victoria: Blackwell; April 2008. Chapter 53, p 527-535.

[Hair Growth Assessment Techniques](#)

Blume-Peytavi U, Hillmann K, Guarrera M. In: **Blume-Peytavi U, Tosti A, Whiting D, Trüeb R,** editors. Hair growth and disorders. Berlin, Heidelberg, New York; Springer; 2008. Chapter 8, p 125-157.

[Hair loss in children.](#)

Garcia Bartels N, Blume-Peytavi U. In: **Blume-Peytavi U, Tosti A, Whiting D, Trüeb R,** editors. Hair growth and disorders. Berlin, Heidelberg, New York; Springer; 2008. Chapter 14, p 273-309.

[Polycystic ovary syndrome \(PCOS\) trilogy: a translational and clinical review.](#)

Mason H, Colao A, **Blume-Peytavi U, Rice S, Qureshi A, Pellatt L, Orio F, Atkin SL.** Clin Endocrinol (Oxf). 2008;69(6):831-844.

[Medical treatment of hirsutism.](#)

Blume-Peytavi U, Hahn S. Dermatol Ther. 2008 Sep-Oct;21(5):329-339.

[Haaralterung: Klinik, Ursachen und Prävention.](#)

Garcia Bartels N, Blume-Peytavi U. In: Krutmann J, Diepgen T, Billmann-Krutmann C, editors. Hautalterung, 2nd ed. Heidelberg; Springer; 2008. Chapter 17, p 241-250.

[Hair loss or pseudo hair loss.](#)

Mleczko A, **Garcia Bartels N, Kahl C, Blume-Peytavi U.** J Dtsch Dermatol Ges. 2007;5(11):1031-1033.

[Comparison of the efficacy and safety of topical minoxidil and topical alfatradiol in the treatment of androgenetic alopecia in women.](#)

Blume-Peytavi U, Kunte C, Krisp A, Garcia Bartels N, Ellwanger U, Hoffmann R. J Dtsch Dermatol Ges. 2007;5(5):391-395.

[Unwanted facial hair: affects, effects and solutions.](#)

Blume-Peytavi U, Gieler U, Hoffmann R, Lavery S, Shapiro J. Dermatology. 2007;215(2):139-146.

[Dysplasies pilaires.](#)

Blume-Peytavi U, Garcia Bartels N. In: EMC (Education médicale continue). Issy les Moulineaux: Elsevier Masson; 2007.

[Haarausfall bei Kindern und Jugendlichen.](#)

Mandt N, Blume-Peytavi U. In: Jansen T, Abeck D, Grabbe S, editors. Aktuelle Trends in der pädiatrischen Dermatologie 2, 1st ed. Berlin; Grosse Verlag; 2006. p 98-109.

[Alterung von Haaren und Nägeln. Mögliche präventive und supportive Ansatzpunkte. Aging of hair and nails.](#)

Mandt N, Blume-Peytavi U. Der Hautarzt. 2005;56(4):340-346.

[Profiling of alopecia areata autoantigens based on protein microarray technology.](#)

Lueking A, Huber O, Wirths C, Schulte K, **Stieler KM, Blume-Peytavi U, Kowald A, Hensel-Wiegel K, Tauber R, Lehrach H, Meyer HE, Cahill DJ.** Mol Cell Proteomics. 2005;4(9):1382-1390.

[Epilation today: physiology of the hair follicle and clinical photo-epilation.](#)

Mandt N, Troilius A, Drosner M. J Invest Dermatol Symp Proc. 2005;10(3):271-274.

[Differential diagnosis of hair loss in children.](#)

Mandt N, Vogt A, Blume-Peytavi U. J Dtsch Dermatol Ges. 2004;2(6):399-411.

[Biology of the human hair follicle. New knowledge and the clinical significance.](#)

Vogt A, Blume-Peytavi U. Hautarzt. 2003;54(8):692-698.

[Hair Science and Technology.](#)

Van Neste D, Grimalt R, **Blume-Peytavi U, Messenger A,** editors. Tournai-Belgium; Skinterface; 2003.



[Hair and scalp biology.](#)

Vogt A, Blume-Peytavi U. In: Bouhanna P, editor. Le Cheveu: de la clinique au Traitement. Issy les Moulineaux: Elsevier Masson EMC (Education médicale continue): 2003, Section I, 14-20, (Collection «Guide Pratique de Dermatologie»)

[Androgen responsive genes as they affect hair growth.](#)

Sawaya ME, Keane RW, **Blume-Peytavi U**, Mullins DL, Nusbaum BP, Whiting D, Nicholson DW. Eur J Dermatol. 2001;11(4):304-308.

[Matting of hair: a multifactorial enigma.](#)

Al Ghani MA, Geilen CC, **Blume-Peytavi U**, Orfanos CE. Dermatology. 2000;201(2):101-104.

3 Drug Targeting

3.1 Original work

[Mechanisms of innate events during skin reaction following intradermal injection of seasonal influenza vaccine.](#)

Gonnet J, Poncelet L, Meriaux C, Gonçalves E, Weiss L, Tchitchek N, Pedruzzi E, Soria A, Boccara D, **Vogt A**, Bonduelle O, Hamm G, Ait-Belkacem R, Stauber J, Fournier I, Wisztorski M, Combadiere B. J Proteomics. 2020 Mar 30;216:103670.

[The Safety and Immunogenicity of GTU®MultiHIV DNA Vaccine Delivered by Transcutaneous and Intramuscular Injection With or Without Electroporation in HIV-1 Positive Subjects on Suppressive ART](#)

G. Haidari, Suzanne Day, M. Wood, H. Ridgers, Alethea V. Cope, Sue Fleck, Celine Yan, Kalevi Reijonen, Drew Hannaman, Aggeliki Spentzou, Peter Hayes, **A. Vogt**, Behazine Combadiere, Adrian Cook, Sheena McCormack, Robin J. Shattock. Front Immunol. 2019; 10: 2911.

[Evaluation of Drug Delivery and Efficacy of Ciprofloxacin-Loaded Povidone Foils and Nanofiber Mats in a Wound-Infection Model Based on Ex Vivo Human Skin.](#)

Rancan F, Contardi M, Jurisch J, **Blume-Peytavi U**, **Vogt A**, Bayer IS, Schaudinn C. Pharmaceutics. 2019 Oct 12;11(10).

[Dermal Delivery of the High-Molecular-Weight Drug Tacrolimus by Means of Polyglycerol-Based Nanogels.](#)

Rancan F, **Volkman H**, Giubudagian M, Schumacher F, **Stanko JI**, Kleuser B, **Blume-Peytavi U**, Calderón M, **Vogt A**. Pharmaceutics. 2019 Aug 5;11(8).

[Modeling of Drug Diffusion Based on Concentration Profiles in Healthy and Damaged Human Skin.](#)

Schulz R, Yamamoto K, Klossek A, **Rancan F**, **Vogt A**, Schütte C, Rühl E, Netz RR. Biophys J. 2019 Sep 3;117(5):998-1008.

[Core-multishell nanocarriers enhance drug penetration and reach keratinocytes and antigen-presenting cells in intact human skin.](#)

Frombach J, Unbehauen M, Kurniasih IN, Schumacher F, Volz P, **Hadam S**, **Rancan F**, **Blume-Peytavi U**, Kleuser B, Haag R, Alexiev U, **Vogt A**. J Control Release. 2019;299:138-148.

[Innate gene signature distinguishes humoral versus cytotoxic responses to influenza vaccination.](#)

Gonçalves E, Bonduelle O, Soria A, Loulergue P, Rousseau A, Cachanado M, Bonnabau H, Thiebaut R, Tchitchek N, Behillil S, van der Werf S, **Vogt A**, Simon T, Launay O, Combadière B. J Clin Invest. 2019;130.pii: 125372.

[Soft X-ray microscopy for probing of topical tacrolimus delivery via micelles.](#)

Yamamoto K, Klossek A, Fuchs K, Watts B, Raabe J, Flesch R, **Rancan F**, Pischon H, Radbruch M, Gruber AD, Mundhenk L, **Vogt A**, **Blume-Peytavi U**, Schrade P, Bachmann S, Gurny R, Rühl E. Eur J Pharm Biopharm. 2019;139:68-75.



[Physiological and Molecular Effects of in vivo and ex vivo Mild Skin Barrier Disruption.](#)

Pfannes EKB, Weiss L, **Hadam S**, Gonnet J, Combardière B, **Blume-Peytavi U**, **Vogt A**. Skin Pharmacol Physiol. 2018;31(3):115-124.

[Generation of full-thickness skin equivalents using hair follicle-derived primary human keratinocytes and fibroblasts.](#)

Löwa A, **Vogt A**, Kaessmeyer S, Hedtrich S. J Tissue Eng Regen Med. 2018;12(4):e2134-e2146.

[Shape-Dependent Dissolution and Cellular Uptake of Silver Nanoparticles.](#)

Graf C, Nordmeyer D, Sengstock C, Ahlberg S, Diendorf J, Raabe J, Epple M, Köller M, Lademann J, **Vogt A**, **Rancan F**, Rühl E. Langmuir. 2018.30;34(4):1506-1519.

[Identification of polystyrene nanoparticle penetration across intact skin barrier as rare event at sites of focal particle aggregations.](#)

Döge N, **Hadam S**, Volz P, Wolf A, Schönborn KH, **Blume-Peytavi U**, Alexiev U, **Vogt A**. J Biophotonics. 2018;11(4)e201700169.

[Topically applied virus-like particles containing HIV-1 Pr55gag protein reach skin antigen-presenting cells after mild skin barrier disruption.](#)

Rancan F, **Afraz Z**, **Hadam S**, Weiß L, Perrin H, Kliche A, Schrade P, Bachmann S, Schäfer-Korting M, **Blume-Peytavi U**, Wagner R, Combadière B, **Vogt A**. J Control Release. 2017;268:296-304.

[Effects of glucocorticoids on stratum corneum lipids and function in human skin-A detailed lipidomic analysis.](#)

Röpke MA, Alonso C, Jung S, Norsgaard H, **Richter C**, Darwin ME, Litman T, **Vogt A**, Lademann J, **Blume-Peytavi U**, **Kottner J**. J Dermatol Sci. 2017;88(3):330-338.

[Development, standardization and testing of a bacterial wound infection model based on ex vivo human skin.](#)

Schaudinn C, Dittmann C, Jurisch J, Laue M, Günday-Türeli N, Blume-Peytavi U, **Vogt A**, **Rancan F**. PLoS One. 2017;12(11):e0186946.

[In vivo characterization of structural changes after topical application of glucocorticoids in healthy human skin.](#)

Jung S, Lademann J, Darwin ME, **Richter C**, Pedersen CB, Richter H, Schanzer S, **Kottner J**, **Blume-Peytavi U**, Röpke MA. J Biomed Opt. 2017;22(7):76018.

[Assessment of skin barrier function and biochemical changes of ex vivo human skin in response to physical and chemical barrier disruption.](#)

Döge N, **Avetisyan A**, **Hadam S**, **Pfannes EKB**, **Rancan F**, **Blume-Peytavi U**, **Vogt A**. Eur J Pharm Biopharm. 2017;116:138-148.

[Data-based modeling of drug penetration relates human skin barrier function to the interplay of diffusivity and free-energy profiles.](#)

Schulz R, Yamamoto K, Klossek A, Flesch R, Hönzke S, **Rancan F**, **Vogt A**, **Blume-Peytavi U**, Hedtrich S, Schäfer-Korting M, Rühl E, Netz RR. Proc Natl Acad Sci U S A. 2017;114(14):3631-3636.

[Drug delivery across intact and disrupted skin barrier: identification of cell populations interacting with penetrated thermoresponsive nanogels.](#)

Rancan F, Giulbudagian M, **Jurisch J**, **Blume-Peytavi U**, Calderón M, **Vogt A**. Eur J Pharm Biopharm. 2017;116:4-11.

[Studies for improved understanding of lipid distributions in human skin by combining stimulated and spontaneous Raman microscopy.](#)

Klossek A, Thierbach S, **Rancan F**, **Vogt A**, **Blume-Peytavi U**, Rühl E. Eur J Pharm Biopharm. 2017;116:76-84.

[Correlation between the chemical composition of thermoresponsive nanogels and their interaction with the skin barrier.](#)

Giulbudagian M, **Rancan F**, Klossek A, Yamamoto K, Jurisch J, Neto VC, Schrade P, Bachmann S, Rühl E, **Blume-Peytavi U**, **Vogt A**, Calderón M. J Control Release. 2016;243:323-332.

[Core-multishell nanocarriers: Transport and release of dexamethasone probed by soft X-ray spectromicroscopy.](#)

Yamamoto K, Klossek A, Flesch R, Ohigashi T, Fleige E, **Rancan F**, **Frombach J**, **Vogt A**, **Blume-Peytavi U**, Schrade P, Bachmann S, Haag R, Hedtrich S, Schäfer-Korting M, Kosugi N, Rühl E. J Control Release. 2016;242:64-70

[Ethyl cellulose nanocarriers and nanocrystals differentially deliver dexamethasone into intact, tape-stripped or sodium lauryl sulfate-exposed ex vivo human skin - assessment by intradermal microdialysis and extraction from the different skin layers.](#)

Döge N, Hönzke S, Schumacher F, Balzus B, Colombo M, **Hadam S**, **Rancan F**, **Blume-Peytavi U**, Schäfer-Korting M, Schindler A, Rühl E, Skov PS, Church M, Hedtrich S, Kleuser B, Bodmeier R, **Vogt A**. J Control Release. 2016;242:25-34.

[Nanocarriers for drug delivery into and through the skin - do existing technologies match clinical challenges?](#)

Vogt A, Wischke C, Neffe AT, Ma N, Alexiev U, Lendlein A. J Control Release. 2016;242:3-15.

[Comparison of different methods to study effects of silver nanoparticles on the pro- and antioxidant status of human keratinocytes and fibroblasts.](#)

Ahlberg S, **Rancan F**, Epple M, Loza K, Höppe D, Lademann J, **Vogt A**, Kleuser B, Gerecke C, Meinke MC. Methods. 2016.109:55-63.

[Mini-zone cyanoacrylate skin surface stripping: A new method for non-invasive sampling of scalp material.](#)

Pfannes EK, **Hadam S**, **Döge N**, **Fimmel S**, **Blume-Peytavi U**, **Vogt A**. Exp Dermatol. 2016;25(7):555-556.

[Effects of thermoresponsivity and softness on skin penetration and cellular uptake of polyglycerol-based nanogels.](#)

Rancan F, Asadian-Birjand M, Dogan S, Graf C, Cuellar L, Lommatzsch S, **Blume-Peytavi U**, Calderón M, **Vogt A**. J Control Release. 2016;228:159-169.

[Selective Probing of the Penetration of Dexamethasone into Human Skin by Soft-X-Ray Spectromicroscopy.](#)

Yamamoto K, Flesch R, Ohigashi T, Hedtrich Nee Küchler S, Klossek A, Patoka P, Ulrich G, Ahlberg S, **Rancan F**, **Vogt A**, **Blume-Peytavi U**, Schrade P, Bachmann S, Schäfer-Korting M, Kosugi N, Rühl E. Anal Chem. 2015;87(12):6173-6179.

[Application of Single Molecule Fluorescence Microscopy to Characterize the Penetration of a Large Amphiphilic Molecule in the Stratum Corneum of Human Skin.](#)

Volz P, Boreham A, Wolf A, Kim TY, Balke J, **Frombach J**, **Hadam S**, **Afraz Z**, **Rancan F**, **Blume-Peytavi U**, **Vogt A**, Alexiev U. Int J Mol Sci. 2015;16(4):6960-6977.

[Birch pollen influence the severity of atopic eczema - prospective clinical cohort pilot study and ex vivo penetration study.](#)

Fölster-Holst R, Galecka J, Weißmantel S, Dickschat U, Rippke F, Bohnsack K, Werfel T, Wichmann K, Buchner M, Schwarz T, **Vogt A**, Lademann J, Meinke MC. Clin Cosmet Investig Dermatol. 2015;8:539-548. eCollection 2015.

[Overview about the localization of nanoparticles in tissue and cellular context by different imaging techniques.](#)

Ostrowski A, Nordmeyer D, Boreham A, Holzhausen C, Mundhenk L, Graf C, Meinke MC, **Vogt A**, **Hadam S**, Lademann J, Rühl E, Alexiev U, Gruber AD. Beilstein J Nanotechnol. 2015;6:263-80.



[Translational Positioning of Janus Kinase \(JAK\) Inhibitors in Alopecia Areata](#)

Blume-Peytavi U, Vogt A. E Bio Medicine.2015;2(4):282-283.

[Hair follicle targeting, penetration enhancement and Langerhans cell activation make Cyanoacrylate Skin Surface Stripping a promising delivery technique for transcutaneous immunization with large molecules and particle-based vaccines.](#)

Vogt A, Hadam S, Deckert I, Schmidt J, Stroux A, **Afraz Z, Rancan F,** Lademann J, Combadiere B, **Blume-Peytavi U.** Exp Dermatol. 2015;24(1):73-75.

[Getting under the skin: what is the potential of the transfollicular route in drug delivery?](#)

Rancan F, Vogt A. Ther Deliv. 2014;5(8):875-7.

[Interaction of dermatologically relevant nanoparticles with skin cells and skin.](#)

Vogt A, Rancan F, Ahlberg S, Nazemi B, Choe C.S, Darvin M.E, **Hadam S, Blume-Peytavi U,** Loza k, Diendorf J, Epple M, Graf C, Rühl E, Meinke M.C, Lademann J. Beilstein J. Nanotechnol. 2014;5:2363–2373.

[PVP-coated, negatively charged silver nanoparticles: A multi-center study of their physicochemical characteristics, cell culture and in vivo experiments.](#)

Ahlberg S, Antonopulos A, Diendorf J, Dringen R, Epple M, Flöck R, Goedecke W, Graf C, Haberl N, Helmlinger J, Herzog F, Heuer F, Hirn S, Johannes C, Kittler S, Köller M, Korn K, Kreyling WG, Krombach F, Lademann J, Loza K, Luther EM, Malissek M, Meinke MC, Nordmeyer D, Pailliat A, Raabe J, **Rancan F,** Rothen-Rutishauser B, Rühl E, Schleh C, Seibel A, Sengstock C, Treuel L, **Vogt A,** Weber K, Zellner R. Beilstein J Nanotechnol. 2014;5:1944-65.

[Ultraviolet radiation and nanoparticle induced intracellular free radicals generation measured in human keratinocytes by electron paramagnetic resonance spectroscopy](#)

Rancan F, Nazemi B, Rautenberg S, Ryll M, **Hadam S,** Gao Q, Hackbarth S, Haag SF, Graf C, Rühl E, **Blume-Peytavi U,** Lademann J, **Vogt A,** Meinke MC. Skin Res Technol. 2014;20(2):182-93.

[Selective Hair Therapy? Bringing Science to the Fiction](#)

Vogt A, Blume-Peytavi U. Exp Dermatol. 2014;23(2):83-86.

[Comparison of silver nanoparticles stored under air or argon with respect to the induction of intracellular free radicals and toxic effects toward keratinocytes.](#)

Ahlberg S, Meinke MC, Werner L, Epple M, Diendorf J, **Blume-Peytavi U,** Lademann J, **Vogt A,** **Rancan F.** Eur J Pharm Biopharm. 2014;88(3):651-657.

[Utilization of biodegradable polymeric materials as delivery agents in dermatology.](#)

Rancan F, Blume-Peytavi U, Vogt A. Clin Cosmet Investig Dermatol. 2014;7:23-34.

[Particle-based transcutaneous administration of HIV-1 p24 protein to human skin explants and targeting of epidermal antigen presenting cells](#)

Rancan F, Amselgruber S, **Hadam S,** Munier S, Pavot V, Verrier B, Hackbarth S, Combadiere B, **Blume-Peytavi U, Vogt A.** J Control Release. 2014;176:115-122.

[Photoprotective properties of the fluorescent europium complex in UV-irradiated skin](#)

Vogt O, Lademann J, **Rancan F,** Meinke MC, Schanzer S, Stockfleth E, Sterry W, Lange-Asschenfeldt B. Skin Pharmacol Physiol. 2013;26(2):76-84.

[Hair Follicle Targeting with Nanoparticles](#)

Rancan F, Afraz Z, Combadiere B, **Blume-Peytavi U, Vogt A.** In: Nasir A, Friedman A, Wang S, editors. Nanotechnology in Dermatology 1st ed. Heidelberg; Springer Science+Business Media, LLC; 2013. Chapter 9, p 95-107.

[Nanoparticle-Based Epidermal and Dermal Vaccination](#)

Soria, A, **Vogt A,** Nasir, A, Combadiere B. In: Nasir A, Friedman A, Wang S, editors. Nanotechnology in Dermatology 1st ed. Heidelberg; Springer Science+Business Media, LLC; 2013. Chapter 16, p 165-178.



[Skin Penetration and Cellular Uptake of Amorphous Silica Nanoparticles with Variable Size, Surface Functionalization, and Colloidal Stability.](#)

Rancan F, Gao Q, Graf C, Troppens S, **Hadam S**, Hackbarth S, Kembuan C, **Blume-Peytavi U**, Rühl E, Lademann J, **Vogt A**. ACS Nano. 2012;28;6(8):6829-6842.

[Surface functionalization of silica nanoparticles supports colloidal stability in physiological media and facilitates internalization in cells.](#)

Graf C, Gao Q, Schütz I, Noufele CN, Ruan W, Posselt U, Korotianskiy E, Nordmeyer D, **Rancan F**, **Hadam S**, **Vogt A**, Lademann J, Haucke V, Rühl E. Langmuir. 2012;22;28(20):7598-7613.

[Intradermal Immunization Triggers Epidermal Langerhans Cell Mobilization Required for CD8 T-Cell Immune Responses.](#)

Liard C, Munier S, Joulin-Giet A, Bonduelle O, **Hadam S**, Duffy D, **Vogt A**, Verrier B, Combadière B. J Invest Dermatol. 2012;132(3 Pt 1):615-625.

[Stability of polylactic acid particles and release of fluorochromes upon topical application on human skin explants.](#)

Rancan F, Todorova A, **Hadam S**, **Papakostas D**, Luciani E, Graf C, Gernert U, Rühl E, Verrier B, Sterry W, **Blume-Peytavi U**, **Vogt A**. Eur J Pharm Biopharm. 2012;80(1):76-84.

[New insights on dandruff/seborrheic dermatitis: infundibulum in effective treatment strategies.](#)

Schwartz JR, Shah R, Krigbaum H, Sacha J, **Vogt A**, **Blume-Peytavi U**. Br J Dermatol. 2011;165 Suppl 2:18-23.

[Follicular and percutaneous penetration pathways of topically applied minoxidil foam.](#)

Blume-Peytavi U, **Massoudy L**, Patzelt A, Lademann J, Dietz E, Rasulev U, **Garcia Bartels N**. Eur J Pharm Biopharm. 2010;76(3):450-453.

[Preferential amplification of CD8 effector-T cells after transcutaneous application of an inactivated influenza vaccine: a randomized phase I trial.](#)

Combadière B, **Vogt A**, Mahé B, Costagliola D, **Hadam S**, Bonduelle O, Sterry W, Staszewski S, Schaefer H, van der Werf S, Katlama C, Autran B, **Blume-Peytavi U**. PLoS One. 2010;26;5(5):e10818.

[Investigation of polylactic acid \(PLA\) nanoparticles as drug delivery systems for local dermatotherapy.](#)

Rancan F, **Papakostas D**, **Hadam S**, Hackbarth S, Delair T, Primard C, Verrier B, Sterry W, **Blume-Peytavi U**, **Vogt A**. Pharm Res. 2009;26(8):2027-2036.

[Nanoparticle-based targeting of vaccine compounds to skin antigen-presenting cells by hair follicles and their transport in mice.](#)

Mahe B, **Vogt A**, Liard C, Duffy D, Abadie V, Bonduelle O, Boissonnas A, Sterry W, Verrier B, **Blume-Peytavi U**, Combadière B. J Invest Dermatol. 2009;129(5):1156-1164.

[Qualitative detection of single submicron and nanoparticles in human skin by scanning transmission x-ray microscopy.](#)

Graf C, Meinke M, Gao Q, **Hadam S**, Raabe J, Sterry W, **Blume-Peytavi U**, Lademann J, Rühl E, **Vogt A**. J Biomed Opt. 2009;14(2):021015.

[Differential stripping demonstrates a significant reduction of the hair follicle reservoir in vitro compared to in vivo.](#)

Patzelt A, Richter H, Buetttemeyer R, Huber HJ, **Blume-Peytavi U**, Sterry W, Lademann J. Eur J Pharm Biopharm. 2008;70(1):234-238.

[Transcutaneous anti-influenza vaccination promotes both CD4 and CD8 T cell immune responses in humans.](#)

Vogt A, Mahé B, Costagliola D, Bonduelle O, **Hadam S**, Schaefer G, Schaefer H, Katlama C, Sterry W, Autran B, **Blume-Peytavi U**, Combadière B. J Immunol. 2008;180(3):1482-1489.

[Optical coherent tomography for in vivo determination of changes in hair cross section and diameter during treatment with glucocorticosteroids--a simple method to screen for doping substances?](#)

Lademann J, Shevtsova J, Patzelt A, Richter H, Gladkova ND, Gelikonov VM, Gonchukov SA, Sterry W, Sergeev AM, **Blume-Peytavi U**. Skin Pharmacol Physiol. 2008;21(6):312-317.

[Morphometry of human terminal and vellus hair follicles.](#)

Vogt A, Hadam S, Heiderhoff M, Audring H, Lademann J, Sterry W, **Blume-Peytavi U**.

Exp Dermatol. 2007;16(11):946-950.

[Effect of 5alpha-dihydrotestosterone and testosterone on apoptosis in human dermal papilla cells.](#)

Winiarska A, **Mandt N**, Kamp H, Hossini A, Seltmann H, Zouboulis CC, **Blume-Peytavi U**.

Skin Pharmacol Physiol. 2006;19(6):311-321.

[40 nm, but not 750 or 1,500 nm, nanoparticles enter epidermal CD1a+ cells after transcutaneous application on human skin.](#)

Vogt A, Combadiere B, **Hadam S, Stieler KM**, Lademann J, Schaefer H, Autran B, Sterry W, **Blume-Peytavi U**. J Invest Dermatol. 2006;126(6):1316-1322.

[Variations of Hair Follicle Size and Distribution in Different Body Sites.](#)

Otberg N, Richter H, Schaefer H, **Blume-Peytavi U**, Sterry W, Lademann J. In: Bronaugh RL, Maibach HI, editors. Percutaneous Absorption: Drugs, Cosmetics, Mechanisms, Methodology (Drugs and the Pharmaceutical Sciences; vol 155), 4th ed. internet. Boca Raton: Taylor & Francis; 2005. Chapter 16, p 247-256.

[Detection of functionally active melanocortin receptors and evidence for an immunoregulatory activity of alpha-melanocyte-stimulating hormone in human dermal papilla cells.](#)

Böhm M, Eickelmann M, Li Z, Schneider SW, Oji V, Diederichs S, Barsh GS, **Vogt A, Stieler KM, Blume-Peytavi U**, Luger TA. Endocrinology. 2005;146(11):4635-4646.

[Antifungal effect of 5-aminolevulinic acid PDT in Trichophyton rubrum.](#)

Kamp H, Tietz HJ, Lutz M, Piazena H, Sowyrda P, Lademann J, **Blume-Peytavi U**. Mycoses. 2005;48(2):101-107.

[Anti-rejection drug administration increases BCC formation in ptc1+/- mice.](#)

Vogt A, Hebert J, Hwang J, Lu Y, Epstein EH. J Invest Dermatol. 2005;124:263-267

[RU 58841-myristate--prodrug development for topical treatment of acne and androgenetic alopecia.](#)

Münster U, Nakamura C, Haberland A, Jores K, Mehnert W, Rummel S, Schaller M, Korting HC, Zouboulis ChC, **Blume-Peytavi U**, Schäfer-Korting M. Pharmazie. 2005;60(1):8-12.

[Immunoprevention of basal cell carcinomas with recombinant Hedgehog Interacting Protein.](#)

Vogt A, Bickers DR, Chuang PT, Kopelovich L, Epstein EH. J Exp Med. 2004;199(6):753-761.

[Variations of hair follicle size and distribution in different body sites.](#)

Otberg N, Richter H, Schaefer H, **Blume-Peytavi U**, Sterry W, Lademann J. J Invest Dermatol. 2004;122(1):14-19.

[Penetration profile of microspheres in follicular targeting of terminal hair follicles.](#)

Toll R, Jacobi U, Richter H, Lademann J, Schaefer H, **Blume-Peytavi U**. J Invest Dermatol. 2004;123(1):168-176.

[Regulation of PDGF and PDGF receptor in cultured dermal papilla cells and follicular keratinocytes of the human hair follicle.](#)

Kamp H, Geilen CC, Sommer C, **Blume-Peytavi U**. Exp Dermatol. 2003;12(5):662-672.

[Differentiation and apoptosis in human immortalized sebocytes.](#)

Wróbel A, Seltmann H, Fimmel S, Müller-Decker K, Tsukada M, Bogdanoff B, **Mandt N, Blume-Peytavi U**, Orfanos CE, Zouboulis CC. J Invest Dermatol. 2003;120(2):175-181.

[Effects of finasteride on apoptosis and regulation of the human hair cycle.](#)

Sawaya ME, **Blume-Peytavi U**, Mullins DL, Nusbaum BP, Whiting D, Nicholson DW, Lotocki G, Keane RW. J Cutan Med Surg. 2002;6(1):1-9.

[Interleukin-4 induces apoptosis in cultured human follicular keratinocytes, but not in dermal papilla cells.](#)

Mandt N, Geilen CC, Wrobel A, Gelber A, Kamp H, Orfanos CE, **Blume-Peytavi U**. Eur J Dermatol. 2002;12(5):432-438.

[One-electron reduction of selenomethionine oxide.](#)

Assmann A, Bonifacic M, Briviba K, Sies H, Asmus KD. Free Rad Res. 2000;32(4):1-6.

[Reduction of methionine selenoxide by glutathione.](#)

Assmann A, Briviba K, Sies H. Arch Biochem Biophys. 1998;349(1):201-203.

3.2 Reviews

[Optimizing skin pharmacotherapy for older patients: the future is at hand but are we ready for it?](#)

Hausmann C, **Vogt A**, Kerscher M, Ghoreschi K, Schäfer-Korting M, Zoschke C. Drug Discov Today. 2020 Jan 24;S1359-6446(20)30037-4. doi: 10.1016/j.drudis.2020.01.011. Online ahead of print.

[Utilization of biodegradable polymeric materials as delivery agents in dermatology](#)

Rancan F, **Blume-Peytavi U**, **Vogt A**. Clin Cosmet Investig Dermatol. 2014;7:23–34.

[Human hair follicle: reservoir function and selective targeting](#)

Blume-Peytavi U, **Vogt A**. Br J Dermatol. 2011;165 Suppl 2:13-17.

[Nanoparticles in dermatology.](#)

Papakostas D, **Rancan F**, Sterry W, **Blume-Peytavi U**, **Vogt A**. Arch Dermatol Res. 2011;303(8):533-550.

[Follicular Transport Route – Research Progress and Future Perspectives.](#)

Knorr F, Lademann J, Patzelt A, Sterry W, **Blume-Peytavi U**, **Vogt A**. Eur J Pharm Biopharm. 2009;71(2):173-180.

[Hair follicles--an efficient storage and penetration pathway for topically applied substances. Summary of recent results obtained at the Center of Experimental and Applied Cutaneous Physiology, Charité - Universitätsmedizin Berlin, Germany.](#)

Lademann J, Knorr F, Richter H, **Blume-Peytavi U**, **Vogt A**, Antoniou C, Sterry W, Patzelt A. Skin Pharmacol Physiol. 2008;21(3):150-155.

[Nanoparticles - an efficient carrier for drug delivery into the hair follicles.](#)

Lademann J, Richter H, Teichmann A, Otberg N, **Blume-Peytavi U**, Luengo J, Weiss B, Schaefer UF, Lehr CM, Wepf R, Sterry W. Eur J Pharm Biopharm. 2007;66(2):159-164.

[Hair follicles - a long-term reservoir for drug delivery.](#)

Lademann J, Richter H, Schaefer UF, **Blume-Peytavi U**, Teichmann A, Otberg N, Sterry W. Skin Pharmacol Physiol. 2006;19(4):232-236.

[Follicular penetration and targeting.](#)

Lademann J, Otberg N, Jacobi U, Hoffman RM, **Blume-Peytavi U**. J Investig Dermatol Symp Proc. 2005;10(3):301-303.

[Follicular targeting - a promising tool in selective dermatotherapy.](#)

Vogt A, **Mandt N**, Lademann J, Schaefer H, **Blume-Peytavi U**. J Investig Dermatol Symp Proc. 2005 Dec;10(3):252-255.



[Follicular penetration. An important pathway for topically applied substances.](#)

Lademann J, Otberg N, Richter H, Jacobi U, Schaefer H, **Blume-Peytavi U**, Sterry W. *Hautarzt*. 2003;54(4):321-323.

[Die Biologie des menschlichen Haarfollikels: Neue Erkenntnisse und ihre klinische Bedeutung.](#)

Vogt A, Blume-Peytavi U. *Hautarzt*. 2003;54(8):692-698.

4 Pressure Ulcers, Wounds, Healing and Epidermal Regeneration

[Sex-specific differences in prevention and treatment of institutional-acquired pressure ulcers in hospitals and nursing homes.](#)

Lichterfeld-Kottner A, Lahmann N, **Kottner J**. *J Tissue Viability*. 2020 May 13:S0965-206X(20)30075-9. doi: 10.1016/j.jtv.2020.05.001. Online ahead of print.

[Cost-effectiveness of multi-layered silicone foam dressings for prevention of sacral and heel pressure ulcers in high-risk intensive care unit patients: An economic analysis of a randomised controlled trial.](#)

El Genedy M, Hahnel E, Tomova-Simitchieva T, Padula WV, Hauß A, Löber N, **Blume-Peytavi U, Kottner J**. *Int Wound J*. 2020 May 11. doi: 10.1111/iwj.13390. [Epub ahead of print]

[Pressure ulcer/injury classification today: An international perspective.](#)

Kottner J, Cuddigan J, Carville K, Balzer K, Berlowitz D, Law S, Litchford M, Mitchell P, Moore Z, Pittman J, Sigaudou-Roussel D, Yee CY, Haesler E. *J Tissue Viability*. 2020 May 1:S0965-206X(20)30073-5. doi: 10.1016/j.jtv.2020.04.003. Online ahead of print.

[The dissemination of the Prevention and Treatment of Pressure Ulcers Clinical Practice Guideline 2014 in the academic literature.](#)

Kottner J, Haesler E. *Wound Repair Regen*. 2020 Apr 26. doi: 10.1111/wrr.12823. [Epub ahead of print]

[The effectiveness of two silicone dressings for sacral and heel pressure ulcer prevention compared with no dressings in high-risk intensive care unit patients: a randomized controlled parallel-group trial.](#)

Hahnel E, El Genedy M, Tomova-Simitchieva T, Hauß A, Stroux A, **Lechner A, Richter C, Akdeniz M, Blume-Peytavi U**, Löber N, **Kottner J**. *Br J Dermatol*. 2019 Oct 19. doi: 10.1111/bjd.18621. [Epub ahead of print]

[Standardizing the classification of skin tears: validity and reliability testing of the International Skin Tear Advisory Panel Classification System in 44 countries.](#)

Van Tiggelen H, LeBlanc K, Campbell K, Woo K, Baranoski S, Chang YY, Dunk AM, Gloeckner M, Hevia H, Holloway S, Idensohn P, Karadağ A, Koren E, **Kottner J**, Langemo D, Ousey K, Pokorná A, Romanelli M, Santos VLCCG, Smet S, Tariq G, Van den Bussche K, Van Hecke A, Verhaeghe S, Vuagnat H, Williams A, Beeckman D. *Br J Dermatol*. 2019 Oct 12. doi: 10.1111/bjd.18604. [Epub ahead of print]

[The clinical relevance of nonblanchable erythema in pressure ulcer prevention.](#)

Kottner J. *Br J Dermatol*. 2020 Feb;182(2):262-263.

[\[Incontinence-associated dermatitis: a position paper\].](#)

Kottner J, Kolbig N, Bültemann A, Dissemond J. *Hautarzt*. 2020 Jan;71(1):46-52.

[Outcome measurement instruments for erythema associated with incontinence-associated dermatitis: Systematic review.](#)

De Meyer D, **Gabriel S, Kottner J**, Van Damme N, Van den Bussche K, Verhaeghe S, Van Hecke A, Beeckman D. *J Adv Nurs*. 2019 Nov;75(11):2393-2417.

[Release of sodium pyruvate from sacral prophylactic dressings: A computational model.](#)

Levy A, **Kottner J**, Gefen A. *Int Wound J*. 2019;16(4):1000-1008.

[Historical Perspective on Pressure Injury Classification.](#)

Kottner J, Clark M. Adv Skin Wound Care: 2019;32(6):249.

[Outcomes for Pressure Ulcer Trials \(OUTPUTs\): protocol for the development of a core domain set for trials evaluating the clinical efficacy or effectiveness of pressure ulcer prevention interventions.](#)

Lechner A, Kottner J, Coleman S, Muir D, Bagley H, Beeckman D, Chaboyer W, Cuddigan J, Moore Z, Rutherford C, Schmitt J, Nixon J, Balzer K. Trials. ;20(1):449.

[\[Prevalence and influencing factors of chronic wounds among clients of home care services in Germany\].](#)

Raeder K, Strube-Lahmann S, Müller-Werdan U, **Kottner J**, Lahmann NA, Suhr R. Z Evid Fortbild Qual Gesundhwes. 2019;40:14-21.

[\[The Epidemiology of Pressure Ulcer in Germany: Systematic Review\].](#)

Tomova-Simitchieva T, Akdeniz M, Blume-Peytavi U, Lahmann N, **Kottner J**. Gesundheitswesen. 2019 Jun;81(6):505-512.

[From bed sores to skin failure: Linguistic and conceptual confusion in the field of skin and tissue integrity.](#)

Kottner J, Sigauco-Roussel D, Cuddigan J. Int J Nurs Stud. 2019;92:58-59.

[Prevention and treatment of pressure ulcers/injuries: The protocol for the second update of the international Clinical Practice Guideline 2019.](#)

Kottner J, Cuddigan J, Carville K, Balzer K, Berlowitz D, Law S, Litchford M, Mitchell P, Moore Z, Pittman J, Sigauco-Roussel D, Yee CY, Haesler E. J Tissue Viability. 2019;28(2):51-58.

[Microclimate: A critical review in the context of pressure ulcer prevention.](#)

Kottner J, Black J, Call E, Gefen A, Santamaria N. Clin Biomech (Bristol, Avon). 2018;59:62-70

[\[Recognition and correct classification of pressure ulcers: a position paper\].](#)

Kottner J, Kröger K, Gerber V, Schröder G, Dissemond J. Hautarzt. 2018;69(10):839-847.

[Moving core outcome sets in dermatology forward.](#)

Kottner J. Br J Dermatol. 2018 May;178(5):1010.

[Core outcome domains in incontinence-associated dermatitis research.](#)

Van den Bussche K, **Kottner J**, Beele H, De Meyer D, Dunk AM, Ersser S, Lange T, Petrovic M, Schoonhoven L, Smet S, Van Damme N, Verhaeghe S, Van Hecke A, Beeckman D. J Adv Nurs. 2018;74(7):1605-1617.

[Towards an international language for Incontinence-Associated Dermatitis \(IAD\): design and evaluation of psychometric properties of the Ghent Global IAD Categorisation Tool \(GLOBIAD\) in 30 countries.](#)

Beeckman D, Van den Bussche K, Alves P, Arnold Long MC, Beele H, Ciprandi G, Coyer F, de Groot T, De Meyer D, Deschepper E, Dunk AM, Fourie A, García-Molina P, Gray M, Iblasi A, Jelnes R, Johansen E, Karadağ A, Leblanc K, Kis Dadara Z, Meaume S, Pokorna A, Romanelli M, Ruppert S, Schoonhoven L, Smet S, Smith C, Steininger A, Stockmayr M, Van Damme N, Voegeli D, Van Hecke A, Verhaeghe S, Woo K, **Kottner J**. Br J Dermatol. 2018;178(6):1331-1340.

[Comparing the effects of 3 different pressure ulcer prevention support surfaces on the structure and function of heel and sacral skin: An exploratory cross-over trial.](#)

Tomova-Simitchieva T, Lichterfeld-Kottner A, Blume-Peytavi U, Kottner J. Int Wound J. 2018;15(3):429-437.

[Measuring the quality of pressure ulcer prevention: A systematic mapping review of quality indicators.](#)

Kottner J, Hahnel E, Lichterfeld-Kottner A, Blume-Peytavi U, Büscher A. Int Wound J. 2018;15(2):218-224.



[Effects of two different fabrics on skin barrier function under real pressure conditions.](#)

Schario M, Tomova-Simitchieva T, Lichterfeld A, Herfert H, Dobos G, Lahmann N, Blume-Peytavi U, Kottner J. J Tissue Viability. 2017;26(2):150-155.

[Editorial for Special JTV EPUAP Focus Meeting 2016 Issue.](#)

Kottner J, Nixon J. J Tissue Viability. 2017 Feb;26(1):1.

[Dry skin and pressure ulcer risk: A multi-center cross-sectional prevalence study in German hospitals and nursing homes.](#)

Lechner A, Lahmann N, Neumann K, Blume-Peytavi U, Kottner J. Int J Nurs Stud. 2017;73:63-69.

[The 2014 International Pressure Ulcer Guideline: Methods and Development.](#)

Haesler E, Kottner J, Cuddigan J. J Adv Nurs. 2017;73(6):1515-1530

[Eincremen reicht nicht](#)

Kottner J. Deutsche Apotheker Zeitung. 2016;156(38):50-55.

[Entwicklung eines Core Outcome Sets für die klinische Forschung zur Inkontinenz-assoziierten Dermatitis](#)

Kottner J, Beeckmann D. Wund Management. 2016;10(5):252-254.

[Inkontinenz-assoziierte Dermatitis \(IAD\): Ätiologie, Pathogenese, Risiko und Epidemiologie](#)

Kottner J, Blume-Peytavi U. Wund Management. 2016;10(5):248-251.

[Interventions for preventing and treating incontinence-associated dermatitis in adults.](#)

Beeckman D, Van Damme N, Schoonhoven L, Van Lancker A, Kottner J, Beele H, Gray M, Woodward S, Fader M, Van den Bussche K, Van Hecke A, De Meyer D, Verhaeghe S. Cochrane Database Syst Rev. 2016;11:CD011627. .

[Core Outcome Sets \(COS\) for clinical trials in health- and nursing science: The case of Incontinence-Associated Dermatitis \(IAD\).](#)

Kottner J, Beeckman D. J Adv Nurs. 2017.73(10):2268-2269.

[Dressings for Preventing Pressure Ulcers: A Meta-analysis by Huang et al.](#)

Kottner J, Haesler E. Adv Skin Wound Care. 2016 Oct;29(10):440-1.

[CONSIDER - Core Outcome Set in IAD Research: study protocol for establishing a core set of outcomes and measurements in Incontinence-Associated Dermatitis research.](#)

Van den Bussche K, De Meyer D, Van Damme N, Kottner J, Beeckman D. J Adv Nurs. 2017;73(10):2473-2483.

[Clinical and biomechanical perspectives on pressure injury prevention research: The case of prophylactic dressings.](#)

Gefen A, Kottner J, Santamaria N. Clin Biomech (Bristol, Avon). 2016;38:29-34.

[Incontinence-Associated Dermatitis in Nursing Homes: Prevalence, Severity, and Risk Factors in Residents With Urinary and/or Fecal Incontinence.](#)

Boronat-Garrido X, Kottner J, Schmitz G, Lahmann N. J Wound Ostomy Continence Nurs. 2016.

[Evidence-based practices in pressure ulcer prevention: Lost in implementation?](#)

Balzer K, Kottner J. Int J Nurs Stud. 2015;52(11):1655-8.

[Incontinence-associated dermatitis and pressure ulcers in geriatric patients.](#)

Kottner J, Beeckman D. G Ital Dermatol Venereol. 2015;150(6):717-729.

[The international pressure ulcer guideline development group response to pressure ulcer risk assessment: do we need a golden hour?](#)

Kottner J, Haesler E. J Wound Care. 2015;24(5):237-9.

[Psychometric properties of the dutch national prevalence measurement of care problems used to measure quality of pressure ulcer care in Indonesian hospitals.](#)

Amir Y, **Kottner J**, Schols JM, Lohrmann C, Halfens RJ. Adv Skin Wound Care. 2014;27(8):363-70.

[What patient characteristics guide nurses' clinical judgement on pressure ulcer risk? A mixed methods study.](#)

Balzer K, Kremer L, Junghans A, Halfens RJ, Dassen T, **Kottner J**. Int J Nurs Stud. 2014;51(5):703-16.

[Interrater agreement, reliability and validity of the Glamorgan Paediatric Pressure Ulcer Risk Assessment Scale](#)

Kottner J, Kenzler M, Wilborn D. J Clin Nurs. 2014;23(7-8):1165-1169.

[Assessment and Documentation of Pressure Ulcers](#)

Kottner J, Raeder K. In: Thomas D.R, Compton G.A., editors. Pressure Ulcers in the Aging Population – A Guide for Clinicians. New York; Humana Press, 2014. Chapter 4, p 47-65.

[Characterisation of epidermal regeneration in vivo: a 60-day follow-up study](#)

Kottner J, Hillmann K, Fimmel S, Seité S, Blume-Peytavi U. J Wound Care. 2013;22(8):395-400.

[Gibt es einen Dekubitus Grad II? Klassifikation, Diagnostik und klinische Konsequenzen.](#)

Kottner J. RDG Sonderausgabe 2. 2013;10-13.

[Designing trials for pressure ulcer risk assessment research: Methodological challenges](#)

Balzer K, Köpke S, Lühmann D, Haastert B, **Kottner J**, Meyer G. Int J Nurs Stud. 2013;50(8):1136-1150.

[Dekubitus – Up to date](#)

Kottner J. CNE.fortbildung. 2013;1-16.

[Evaluation of the Glamorgan Scale in a paediatric intensive care unit: agreement and reliability](#)

Kottner J, Schröder F, Tannen A. Pflege. 2012;25(6):459-467.

[Frequency of Pressure Ulcers in German Hospitals.](#)

Lahmann N, Dassen T, **Kottner J**. Gesundheitswesen. 2012;74(12):793-7.

[Was sind Dekubitus?](#)

Kottner J. In: Schröder G, **Kottner J**, editors. Dekubitus und Dekubitusprophylaxe. Bern; Huber, 2012. Chapter 1, p 13-41.

[Bedeutung von Dekubitus](#)

Lahmann N, **Kottner J**. In: Schröder G, **Kottner J**, editors. Dekubitus und Dekubitusprophylaxe. Bern; Huber; 2012. Chapter 2, p 43-69.

[Dekubitusprophylaxe](#)

Balzer K, **Kottner J**. In: Schröder G, **Kottner J**, editors. Dekubitus und Dekubitusprophylaxe. Bern; Huber; 2012. Chapter 3, p 71-196.

[Überprüfungen der Wirksamkeit dekubitusprophylaktischer Maßnahmen.](#)

Kottner J, Schröder G. In: Schröder G, **Kottner J**, editors. Dekubitus und Dekubitusprophylaxe. Bern; Huber; 2012. Chapter 6, p 247-270.

[Frequency of Pressure Ulcers in German Hospitals.](#)

Lahmann N, Dassen T, **Kottner J**. Gesundheitswesen. 2012;74(12):793-797.

[Incidence of pressure ulcers as primary outcomes in clinical trials: A comment on McInnes et al. \(2012\).](#)

Kottner J, Gefen A. Int J Nurs Stud. 2012;49(3):372-374.

[Higher pressure ulcer risk on intensive care? - Comparison between general wards and intensive care units.](#)

Lahmann NA, **Kottner J**, Dassen T, Tannen A. J Clin Nurs. 2012;21(3-4):354-361.

[Relation between pressure, friction and pressure ulcer categories: a secondary data analysis of hospital patients using CHAID methods.](#)

Lahmann NA, **Kottner J** Int J Nurs Stud. 2011;48(12):1487-1494.

[Weight and pressure ulcer occurrence: a secondary data analysis.](#)

Kottner J, Gefen A, Lahmann N. Int J Nurs Stud. 2011;48(11):1339-1348.

[Assessing risk of decubitus ulcer using a current expert standard. Clinical assessment is the standard procedure.](#)

Balzer K, Feuchtinger J, Tannen A, **Kottner J**. Pflege Z. 2011;64(3):148-150,152-153.

[Validation and clinical impact of paediatric pressure ulcer risk assessment scales: A systematic review.](#)

Kottner J, Hauss A, Schlüer AB, Dassen T. Int J Nurs Stud. 2011;50(6):807-818.

[Preventing additional ischemic injury?](#)

Kottner J. J Wound Ostomy Continence Nurs. 2011;38(3):221.

[Pressure ulcers in German nursing homes: frequencies, grades, and origins.](#)

Kottner J, Dassen T, Lahmann NA. Z Gerontol Geriatr. 2011;44(5):318-322.

[Friction and shear highly associated with pressure ulcers of residents in long-term care - Classification Tree Analysis \(CHAID\) of Braden items.](#)

Lahmann NA, Tannen A, Dassen T, **Kottner J**. J Eval Clin Pract. 2011;17(1):168-173.

[Die tiefe Gewebeschädigung: Dekubitus unter intakter Haut.](#)

Kottner J, Lahmann N. Schwester Pfleger. 2011;952-956.

[Prevalence of deep tissue injuries in hospitals and nursing homes: two cross-sectional studies.](#)

Kottner J, Dassen T, Lahmann N. Int J Nurs Stud. 2011;47(6):665-670.

[Dekubitus in deutschen Pflegeheimen: Häufigkeiten, Grade und Entstehungsorte.](#)

Kottner J, Dassen T, Lahmann N. Z Geriat Gerontol. 2011;44 (5):318-322.

[Dekubitusrisikoeinschätzung nach dem aktuellen Expertenstandard: Die klinische Einschätzung ist das Maß aller Dinge.](#)

Balzer K, Feuchtinger J, Tannen A, **Kottner J**. Pflege Z. 2011;64(3):148-150,152-153.

[Dokumentationsleitfaden Dekubitus.](#)

Kottner J. Rechtsdepesche für das Gesundheitswesen. 2011;8(3):122.

[Das European Pressure Ulcer Advisory Panel \(EPUAP\).](#)

Kottner J. Wund Management, 2011:117.

[The National Expert Standard Pressure Ulcer Prevention in Nursing and pressure ulcer prevalence in German health care facilities: a multilevel analysis.](#)

Wilborn D, Grittner U, Dassen T, **Kottner J**. J Clin Nurs. 2010;19(23-24):3364-3371.

[Frequency of pressure ulcers in the paediatric population: a literature review and new empirical data.](#)

Kottner J, Wilborn D, Dassen T. Int J Nurs Stud. 2010;47(10):1330-1340.

[Diagnostic accuracy of two pressure ulcer risk scales and a generic nursing assessment tool. A psychometric comparison.](#)

Tannen A, Balzer K, **Kottner J**, Dassen T, Halfens R, Mertens E. J Clin Nurs. 2010;19(11-12):1510-1518.

[Do pressure ulcer risk assessment scales improve clinical practice?](#)

Kottner J, Balzer K. J Multidiscip Healthc. 2010;23;3:103-111.

[Using statistical process control for monitoring the prevalence of hospital-acquired pressure ulcers.](#)

Kottner J, Halfens R. Ostomy Wound Manage. 2010;56(5):54-59.

[Pressure ulcer prevalence rates from 2002 to 2008 in German long-term care facilities.](#)

Lahmann NA, Dassen T, Poehler A, **Kottner J**. Aging Clin Exp Res. 2010;22(2):152-156.

[Moisture lesions: interrater agreement and reliability.](#)

Kottner J, Halfens R. J Clin Nurs. 2010;19(5-6):716-720.

[Pressure ulcer prevalence: comparison between nursing homes and hospitals.](#)

Kottner J, Lahmann N, Dassen T. Pflege Z, 2010;63(4):228-231.

[Pressure ulcer risk assessment in critical care: interrater reliability and validity studies of the Braden and Waterlow scales and subjective ratings in two intensive care units.](#)

Kottner J, & Dassen T. Int J Nurs Stud. 2010;47:671-677.

[Pressure ulcers: a critical review of definitions and classifications.](#)

Kottner J, Balzer K, Dassen T, Heinze S. Ostomy Wound Manage. 2009;55(9):22-29.

[Comparison of two skin examination methods for grade 1 pressure ulcers.](#)

Kottner J, Dassen T, Lahmann N. J Clin Nurs. 2009;18(17):2464-2469.

[Pressure ulcer risk and pressure ulcer prevalence in German hospitals and nursing homes.](#)

Hoppe C, **Kottner J**, Dassen T, Lahmann N. Pflege Z. 2009;62(7):424-428.

[Hospital pressure ulcer prevalence rates and number of raters.](#)

Kottner J, Tannen A, Dassen T. J Clin Nurs. 2009;18(11):1550-1556.

[An interrater reliability study of the assessment of pressure ulcer risk using the Braden scale and the classification of pressure ulcers in a home care setting.](#)

Kottner J, Halfens R, Dassen T. Int J Nurs Stud. 2009;46(10):1307-1312.

[The trend of pressure ulcer prevalence rates in German hospitals: results of seven cross-sectional studies.](#)

Kottner J, Wilborn D, Dassen T, Lahmann N. J Tissue Viability. 2009;18(2):36-46.

[Diagnosis and classification of pressure ulcers and other skin lesions: interrater reliability and agreement.](#)

Kottner J, Dassen T, Heinze C. Pflege Z. 2009;62(4):225-230.

[Commentary on Sayar S et al. \(2009\) Incidence of pressure ulcers in intensive care unit patients at risk according to the Waterlow scale and factors influencing the development of pressure ulcers. Journal of Clinical Nursing 18, 765-774.](#)

Kottner J. J Clin Nurs. 2009;18(5):776-777.

[Inter- and intrarater reliability of the Waterlow pressure sore risk scale: a systematic review.](#)

Kottner J, Dassen T, Tannen A. Int J Nurs Stud. 2009;46(3):369-379.

[A systematic review of interrater reliability of pressure ulcer classification systems.](#)

Kottner J, Raeder K, Halfens R, Dassen T. J Clin Nurs. 2009;18(3):315-336.

[Does the number of raters influence the pressure ulcer prevalence rate?](#)

Kottner J, Tannen A, Halfens R, Dassen T. Appl Nurs Res. 2009;22(1):68-72.

[A comparison of the decubitus ulcer prevalence in 37 nursing homes: making nursing quality visible.](#)

Kottner J, Lahmann N, Wilborn D, Dassen T. Pflege Z. 2009;62(1):34-35.

[Interrater reliability and the kappa statistic: a comment on Morris et al. \(2008\).](#)

Kottner J. Int J Nurs Stud. 2009;46(1):140-1.

[An interrater reliability study of the Braden scale in two nursing homes.](#)

Kottner J, Dassen T. Int J Nurs Stud. 2008;45(10):1501-1511.

[Prevention of decubitus ulcer--a discussion paper: using available scientific knowledge.](#)

Kottner J, Wilborn D. Pflege Z. 2008;61(8):433-437.

[Interpreting interrater reliability coefficients of the Braden scale: a discussion paper.](#)

Kottner J, Dassen T. Int J Nurs Stud. 2008;45(8):1238-1246.

[Interrater reliability of the Braden scale.](#)

Kottner J, Tannen A, Dassen T. Pflege Z. 2008;21(2):85-94.

[Pressure ulcers: new data about risk, prevalence and places of development. Results of a study in German nursing homes and hospitals.](#)

Hoppe C, Pöhler A, **Kottner J**, Dassen T. Pflege Z. 2008;61(2):90-93.

[Nursing science in the German speaking countries--a position statement.](#)

Dassen T, **Kottner J**. Pflege Z. 2007;60(2):96-100.

[Pressure ulcer prevalence in Germany: results of a cross-sectional study in 2006.](#)

Kottner J, Mertens E, Dassen T. Pflege Z. 2007;60(1):28-31.

[Decubitus ulcer treatment: comparison between theory and general practice. Nursing care often not evidence based.](#)

Kottner J, Helberg D, Mertens E, Halfens R, Dassen T. Pflege Z. 2006;59(8):488-492.

[Decubitus ulcer prevalence in Germany: new data, new knowledge.](#)

Kottner J, Mertens E, Dassen T. Pflege Z. 2006;59(1):30-33.

5 Health- and Nursing Sciences and Research Methods

[Comment: Improving the generalizability, credibility and implementation of core outcome sets - the example of the Cochrane Skin-Core Outcome Set Initiative \(CS-COUSIN\).](#)

Schmitt J, **Kottner J**, Lange T. J Clin Epidemiol. 2020 May 12:S0895-4356(20)30196-7. doi: 10.1016/j.jclinepi.2020.05.016. Online ahead of print.

[Core Outcome Sets in klinischen Studien.](#)

Kottner J, Lechner A. Pflege. 2020 Jun;33(3):177-178.

[Navigating the landscape of core outcome set development in dermatology.](#)

Prinsen CAC, Spuls PI, **Kottner J**, Thomas KS, Apfelbacher C, Chalmers JR, Deckert S, Furue M, Gerbens L, Kirkham J, Simpson EL, Alam M, Balzer K, Beeckman D, Eleftheriadou V, Ezzedine K, Horbach SER, Ingram JR, Layton AM, Weller K, Wild T, Wolkerstorfer A, Williams HC, Schmitt J. J Am Acad Dermatol. 2019 Jul;81(1):297-305.

[Delphi procedure in core outcome set development: rating scale and consensus criteria determined outcome selection.](#)

De Meyer D, **Kottner J**, Beele H, Schmitt J, Lange T, Van Hecke A, Verhaeghe S, Beeckman D. J Clin Epidemiol. 2019 Jul;111:23-31.

[Cochrane reviews and dermatological trials outcome concordance; why Core Outcome Sets could make trial results more usable.](#)

Schmitt J, Lange T, **Kottner J**, Prinsen CAC, Weberschock T, **Hahnel E**, Apfelbacher C, Brandstetter S, Dreher A, Stevens G, Burden-Teh E, Rogers N, Spuls P, Grainge MJ, Williams HC, Jacobi L; Cochrane Skin Core Outcome Set Initiative (CS-COUSIN). *J Invest Dermatol*. 2019;139(5):1045-1053.

[\[Frequency of falls among clients of home care services: The importance of care-related and social risk factors\].](#)

Rommel A, **Kottner J**, Suhr R, Lahmann N. *Z Gerontol Geriatr*. 2019;52(1):3-9.

[Core outcome sets in dermatology: next steps.](#)

Kottner J, Schmitt J. *Br J Dermatol*. 2018;179(3):549-550

[The exchangeability of self-reports and administrative health care resource use measurements: assessment of the methodological reporting quality](#)

Noben C. Y, de Rijk A, Nijhuis F, **Kottner J**, Evers S. *J Clin Epidemiol*. 2016;74:93-106

[Occupational Injuries in Germany: Population-Wide National Survey Data Emphasize the Importance of Work-Related Factors.](#)

Rommel A, Varnaccia G, Lahmann N, **Kottner J**, Kroll LE. *PLoS One*. 2016 Feb 9;11(2):e0148798.

[\[Centrally and non-centrally designed exams in nursing: Comparisons of the final exams in 2008 to 2013 in Berlin focusing on different concepts of professional nursing education\].](#)

Strube-Lahmann S, Vogler C, Friedrich K, Dassen T, **Kottner J**. *Z Evid Fortbild Qual Gesundhwes*. 2016;118-119:56-63.

[How to peer review and revise manuscripts submitted for publication in academic nursing journals.](#)

Kottner J, Norman I. *Int J Nurs Stud*. 2016;(16)30158-4.

[Over- and undersupply in home care: a representative multicenter correlational study.](#)

Lahmann NA, Suhr R, Kuntz S, **Kottner J**. *Aging Clin Exp Res*. 2015;27(2):209-219

[Reliability of the European Society of Human Reproduction and Embryology/European Society for Gynaecological Endoscopy and American Society for Reproductive Medicine classification systems for congenital uterine anomalies detected using three-dimensional ultrasonography](#)

Ludwin, A, Ludwin I, Kudla M, **Kottner J**. *Gynecol Menopause*. 2015;104(3):688-697.

[Mobility is the key! Trends and associations of common care problems in German long-term care facilities from 2008 to 2012.](#)

Lahmann NA, Tannen A, Kuntz S, Raeder K, Schmitz G, Dassen T, **Kottner J**. *Int J Nurs Stud*. 2015;52(1):167-74.

[Complementary medicine in nursing homes - results of a mixed methods pilot study.](#)

Ortiz M, Ammann ES, Gross CS, Schnabel K, Walbaum T, Binting S, Fischer HF, Teut M, **Kottner J**, Suhr R, Brinkhaus B. *BMC Complement Altern Med*. 2014;14(1):443.

[Recommendations for reporting the results of studies of instrument and scale development and testing.](#)

Streiner DL, **Kottner J**. *J Adv Nurs*. 2014;70(9):1970-1979.

[\[Comparative quality measurements part 3: funnel plots\]](#)

Kottner J, Lahmann N. *Pflege*. 2014;27(1):41-9.

[Binary Outcomes Are not Better than Continuous Variables in Randomized Controlled Trials – Letter to the Editor](#)

Kottner J, Streiner D L. *J Inv Dermatol*. 2014;134(1):267-268.



[The value of Statistical Process Control in quality improvement contexts: Commentary on.](#)
Kottner J. Int J Nurs Stud. 2014; 51(2):346-348.

[\[Comparing quality measurements Part 2: control charts\]](#)

Kottner J, Hauss A. Pflege. 2013;26(2):119-127.

[Quality labels and accreditation in german long-term care – a review](#)

Hauer J, Schmidt E, Farin-Glattacker E, **Kottner J,** Jäckel W H. Pflege Z. 2013;66(5):308-311.

[Designing trials for pressure ulcer risk assessment research: methodological challenges](#)

Balzer K, Köpke S, Lühmann D, Haastert B, **Kottner J,** Meyer G. Int J Nurs Stud. 2013;50(8):1136-1150.

[The State of Quality Management Implementation in Ambulatory Care Nursing and Inpatient Nursing.](#)

Farin E, Hauer J, Schmidt E, **Kottner J,** Jäckel WH. Gesundheitswesen. 2013;75(2):102-110.

[Numbers, measurement and methods.](#)

Kottner J, Stöppler C, Jung K, Klein S, Deckenbach B. Pflege Z. 2012;65(6):358-361.

[Comparative quality measurements part 1: run charts.](#)

Kottner J. Pflege. 2012;25(3):197-206.

[Funnel-Plots for comparing pressure ulcer and fall rates in 76 nursing homes.](#)

Kottner J, Dassen T, Heinze C. Gesundheitswesen. 2011;73:e98-e102.

[Editorial: The meaning of being a guest editor - a real challenge!](#)

Breimaier HE, Eichhorn-Kissel J, **Kottner J,** Meesterberends E, Meijers J, van Nie-Visser N. J Clin Nurs. 2011;20(17-18):2383-2384.

[Classification of health and aging from the perspective of nursing professionals.](#)

Kottner J. Z Gerontol Geriatr. 2011;44(4):272.

[Internal consistency and Cronbach's alpha: A comment on Beeckman et al. \(2010\).](#)

Kottner J, Streiner DL. Int J Nurs Stud. 2010;47(7):926-928.

[Guidelines for Reporting Reliability and Agreement Studies \(GRRAS\) were proposed.](#)

Kottner J, Audigé L, Brorson S, Donner A, Gajewski BJ, Hróbjartsson A, Roberts C, Shoukri M, Streiner DL. J Clin Epidemiol. 2011;64(1):96-106.

[The difference between reliability and agreement.](#)

Kottner J, Streiner DL. J Clin Epidemiol. 2011;64(6):701-702.

[Guidelines for Reporting Reliability and Agreement Studies \(GRRAS\).](#)

Kottner J, Gajewski BJ, Streiner DL. Int J Nurs Stud. 2011;48(6):659-660.

[Interrater reliability and agreement of the Care Dependency Scale in the home care setting in the Netherlands.](#)

Kottner J, Halfens R, Dassen T. Scand J Caring Sci. 2010;24 Suppl 1:56-61.

[Psychometric testing of the modified Care Dependency Scale for Rehabilitation.](#)

Eichhorn-Kissel J, Dassen T, **Kottner J,** Lohrmann C. Clin Rehabil. 2010;24(4):363-372.

[Risk diagnoses by nurses are not weather forecasts.](#)

Kottner J. Letter to the Editor. Pflege Z. 2010;63(4):201.

[Gender: new methodological approaches in guideline development.](#)

Weinbrenner S, **Lönnfors S,** Babitsch B. Z Evid Fortbild Qual Gesundhwes. 2010;104(7):547-553.

6 Skin Diseases

6.1 Rosacea

[An observational cross-sectional survey of rosacea: Clinical associations and progression between subtypes](#)

Tan J, **Blume-Peytavi U**, Ortonne JP, Wilhelm K, Marticou L, Baltas E, Rivier M, Petit L, Martel P. Br J Dermatol. 2013;169(3):555-62.

[Systemic isotretinoin in the treatment of rosacea - doxycycline- and placebo-controlled, randomized clinical study.](#)

Gollnick H, **Blume-Peytavi U**, Szabó EL, Meyer KG, Hauptmann P, Popp G, Sebastian M, Zwingers T, Willers C, von der Weth R. 2010;8(7):505-515.

6.2 Ichthyosis

[Genetical, clinical, and functional analysis of a large international cohort of patients with autosomal recessive congenital ichthyosis due to mutations in NIPAL4.](#)

Ballin N, Hotz A, Bourrat E, Küsel J, Oji V, Bouadjar B, Brognoli D, Hickman G, Heinz L, Vabres P, Marrakchi S, Leclerc-Mercier S, Irvine A, Tadini G, Hamm H, Has C, **Blume-Peytavi U**, Mitter D, Reitenbach M, Hausser I, Zimmer AD, Alter S, Fischer J. Hum Mutat. 2019; 26.

[16 novel mutations in PNPLA1 in patients with autosomal recessive congenital ichthyosis reveal the importance of an extended patatin domain in PNPLA1 that is essential for proper human skin barrier function](#)

Zimmer AD, Kim GJ, Hotz A, Bourrat E, Hausser I, Has C, Oji V, **Stieler K**, Vahlquist A, Kunde V, Weber B, Radner FP, Leclerc-Mercier S, Schlipf N, Demmer P, Küsel J, Fischer J. Br J Dermatol. 2017;177(2):445-455.

[Expanding the Clinical and Genetic Spectrum of KRT1, KRT2 and KRT10 Mutations in Keratinopathic Ichthyosis.](#)

Hotz A, Oji V, Bourrat E, Jonca N, Mazereeuw-Hautier J, Betz RC, **Blume-Peytavi U**, **Stieler K**, Morice-Picard F, Schönbuchner I, Markus S, Schlipf N, Fischer J. Acta Derm Venereol. 2016;96(4):473-478.

[Harlequin ichthyosis--medical and psychosocial challenges.](#)

Eilers E, **Stieler KM**, Thies C, **Blume-Peytavi U**, Obladen M, Hüseman D. Klin Padiatr. 2010;222(2):86-89.

[Autosomal dominant inheritance in a large family with focal facial dermal dysplasia \(Brauer-Setleis syndrome\).](#)

Graul-Neumann LM, **Stieler KM**, **Blume-Peytavi U**, Tzschach A. Am J Med Genet A. 2009;149A(4):746-750.

6.3 Acne

[Long-term safety and efficacy of trifarotene 50 µg/g cream, a first-in-class RAR-γ selective topical retinoid, in patients with moderate facial and truncal acne.](#)

Blume-Peytavi U, Fowler J, Kemény L, Draelos Z, Cook-Bolden F, Dirschka T, Eichenfield L, Graeber M, Ahmad F, Alió Saenz A, Rich P, Tanghetti E. J Eur Acad Dermatol Venereol. 2019 Jul 15.

[Randomized Phase 3 Evaluation of Trifarotene 50 µG/G Cream Treatment Of Moderate Facial And Truncal ACNE.](#)

Tan J, Thiboutot D, Popp G, Gooderham M, Lynde C, Del Rosso J, Weiss J, **Blume-Peytavi U**, Weglovská J, Johnson S, Parish L, Witkowska D, Colon NS, Saenz AA, Ahmad F, Graeber M, Gold LS. J Am Acad Dermatol. 2019 Jun;80(6):1691-1699.

[Akne bei erwachsenen Frauen: Physiologische und psychologische Erwägungen und Management.](#)
Dreno B, Bagatin E, **Blume-Peytavi U**, Rocha M, Gollnick H. J Dtsch Dermatol Ges. 2018;16(10):1185-1196

[Measuring acne using Coproporphyrin III, Protoporphyrin IX, and lesion-specific inflammation: an exploratory study.](#)
Patwardhan SV, **Richter C**, **Vogt A**, **Blume-Peytavi U**, Canfield D, **Kottner J**. Arch Dermatol Res. 2017;309(3):159-167.

[Sensitivity to change of the Dermatology Life Quality Index in adult females with facial acne vulgaris: a validation study.](#)
Richter C, **Trojahn C**, **Hillmann K**, **Dobos G**, **Kanti V**, **Vogt A**, **Blume-Peytavi U**, **Kottner J**. J Eur Acad Dermatol Venereol. 2017;31(1):169-174.]

[Follicular fluorescence quantity to characterize acne severity: a validation study.](#)
Richter C, **Trojahn C**, **Dobos G**, **Blume-Peytavi U**, **Kottner J**. Skin Res Technol. 2016;22(4):451-459.

[Reduction of Inflammatory and Noninflammatory Lesions with Topical Tyrothricin 0.1% in the Treatment of Mild to Severe Acne Papulopustulosa: A Randomized Controlled Clinical Trial.](#)
Richter C, **Trojahn C**, **Hillmann K**, **Dobos G**, **Stroux A**, **Kottner J**, **Blume-Peytavi U**. Skin Pharmacol Physiol. 2016;29(1):1-8.

[IL-17/Th17 Pathway Is Activated in Acne Lesions.](#)
Kelh la HL, Palatsi R, Fyhrquist N, Lehtim ki S, V yrynen JP, Kallioinen M, Kubin ME, Greco D, Tasanen K, Alenius H, Bertino B, Carlavan I, Mehul B, D ret S, Reiniche P, Martel P, Marty C, **Blume-Peytavi U**, Voegel JJ, Lauerma A. PLoS One. 2014;9(8):e105238.

[Acne vulgaris. Alopezie. Ichthyosis vulgaris. Lichen ruber planus](#)
Mandt N. In: Pschyrembel W, editors. Pschyrembel-Klinisches W rterbuch. 260th ed. Berlin; De Gruyter; 2004. p 1-3, 4-5, 48, 60-61.

6.4 Other

[A Comparison of Psoriasis Severity in Pediatric Patients Treated With Methotrexate vs Biologic Agents.](#)
Bronckers IMGJ, Paller AS, West DP, Lara-Corrales I, Tollefson MM, Tom WL, Hogeling M, Belazarian L, Zachariae C, Mah  E, Siegfried E, **Blume-Peytavi U**, Szalai Z, Vleugels RA, Holland K, Murphy R, Puig L, Cordero KM, Lambert J, Alexopoulos A, Mrowietz U, Kievit W, Seyger MMB; Psoriasis Investigator Group, the Pediatric Dermatology Research Alliance, and the European Working Group on Pediatric Psoriasis. JAMA Dermatol. 2020 Feb 5. doi: 10.1001/jamadermatol.2019.4835. [Epub ahead of print]

[Dermatology today and tomorrow: from symptom control to targeted therapy.](#)
Blume-Peytavi U, Bagot M, Tennstedt D, Saint Aroman M, Stockfleth E, Zlotogorski A, Mengeaud V, Schmitt AM, Paul C, Lim HW, Georgescu V, Dr no B, Nocera T. J Eur Acad Dermatol Venereol. 2019;33 Suppl 1:3-36.

[Prevalence of intertrigo and associated factors: A secondary data analysis of four annual multicentre prevalence studies in the Netherlands.](#)
Kottner J, Everink I, van Haastregt J, **Blume-Peytavi U**, Schols J. Int J Nurs Stud. 2020 Apr;104:103437.

[Comparing skin characteristics and molecular markers of xerotic foot skin between diabetic and non-diabetic subjects: An exploratory study.](#)
Lechner A, **Akdeniz M**, **Tomova-Simitchieva T**, Bobbert T, Moga A, Lachmann N, **Blume-Peytavi U**, **Kottner J**. J Tissue Viability. 2019 Nov;28(4):200-209.



Skin manifestations of underlying rheumatologic diseases in children and adolescents
Vogt A, Stieler KM, Blume-Peytavi, U. Arthritis und Rheuma 2019; 39(04): 253-260.

Correction: Prevalence and associated factors of skin cancer in aged nursing home residents: A multicenter prevalence study.

Akdeniz M, Hahnel E, Ulrich C, Blume-Peytavi U, Kottner J. PLoS One. 2019;25;14(7):e0220488.

Prevalence and associated factors of skin cancer in aged nursing home residents: A multicenter prevalence study.

Akdeniz M, Hahnel E, Ulrich C, Blume-Peytavi U, Kottner J. PLoS One. 2019;14(4):e0215379.

Prevalence and associated factors of intertrigo in aged nursing home residents: a multi-center cross-sectional prevalence study.

Gabriel S, Hahnel E, Blume-Peytavi U, Kottner J. BMC Geriatr. 2019;19(1):105.

MC4R agonism promotes durable weight loss in patients with leptin receptor deficiency.

Clément K, Biebermann H, Farooqi IS, Van der Ploeg L, Wolters B, Poitou C, Puder L, Fiedorek F, Gottesdiener K, Kleinau G, Heyder N, Scheerer P, **Blume-Peytavi U, Jahnke I, Sharma S, Mokrosinski J, Wiegand S, Müller A, Weiß K, Mai K, Spranger J, Grüters A, Blankenstein O, Krude H, Kühnen P.** Nat Med. 2018.24(5):551-555.

Successful treatment of childhood cheilitis granulomatosa with infliximab.

Jahnke I, Stieler K, Blumeyer A, Bartels NG, Blume-Peytavi U. J Dtsch Dermatol Ges. 2017;15(12):1240-1242.

Symmetrical inflammatory erosive plaques and blisters in an infant.

Jahnke I, Vogt A, Stieler KM, Hennermann J, Blume-Peytavi U. J Dtsch Dermatol Ges. 2017;15(9):956-959.

Persistent Skin Pouches Following Subcutaneous Immunoglobulin Infusions in a Girl with Immunodeficiency, Bullous Skin Lesions and Melanosis Oculi.

Krüger R, Feiterna-Sperling C, **Blume-Peytavi U, Lala B, von Bernuth H, Wahn V.** J Clin Immunol. 2017;37(6):505-507.

Response to "The Concept of Fragile Skin: a Case of Disease Mongering in Dermatology?"

Blume-Peytavi U; All co-authors. J Eur Acad Dermatol Venereol. 2017;31(6):e282-e283.

The epidemiology of skin conditions in the aged: A systematic review.

Hahnel E, Lichterfeld A, Blume-Peytavi U, Kottner J. J Tissue Viability. 2017;26(1):20-28

Systematic mapping review about costs and economic evaluations of skin conditions and diseases in the aged.

Lichterfeld-Kottner A, Hahnel E, Blume-Peytavi U, Kottner J. J Tissue Viability. 2017;26(1):6-19.

[Skin disorders in adolescents].

Blume-Peytavi U, Fölster-Holst R. Hautarzt. 2016;67(4):293-297.

[Erythemasquamous dermatoses in adolescence].

Stieler KM, Vogt A, Blume-Peytavi U. Hautarzt. 2016;67(4):293-297.

Skin manifestations associated with chronic recurrent multifocal osteomyelitis in a 9-year-old girl.

Bachmann F, **Stieler K, Garcia Bartels N, Philipp S, Minden K, Blume-Peytavi U.** J Am Acad Dermatol. 2014;71(5):e218-219.

Lichen planopilaris: Epidemiology and prevalence of subtypes - a retrospective analysis in 104 patients.

Meinhard J, Stroux A, Lünemann L, Vogt A, Blume-Peytavi U. J Dtsch Dermatol Ges. 2014;12(3):229-36.



[\[Hyperkeratoses on the finger joints \(Painless hyperkeratoses on the interphalangeal joints of both hands\)\]](#)

Jahnke I, Stieler KM, Garcia Bartels N, Blume-Peytavi U. Hautarzt 2013;64(5):382-383.

[Dellwarzen-Zulassung zu Gemeinschaftseinrichtungen](#)

Stieler KM, Blume-Peytavi U. In: Wirth S, editors. Pädiatrische Praxis - Zeitschrift für Kinder- und Jugendmedizin in Klinik und Praxis (vol 80(2)), 1st ed. München: Hans Marseilles Verlag GmbH. 2013;p332.

[Chronic pruritus associated with dermatologic disease in infancy and childhood: Update from an interdisciplinary group of dermatologists and pediatricians.](#)

Metz M, Wahn U, Gieler U, Stock P, Schmitt J, **Blume-Peytavi U.** Pediatr Allergy Immunol. 2013;24(6):527-39.

[Atopic dermatitis in children: management of pruritus.](#)

Blume-Peytavi U, Metz M. J Eur Acad Dermatol Venereol. 2012;26(6):2-8.

[A focus on pruritus in children.](#)

Blume-Peytavi U. J Eur Acad Dermatol Venereol. 2012;26Suppl 6:1.

[Childhood-onset mastocytosis.](#)

Siebenhaar F, Weller K, **Blume-Peytavi U,** Maurer M. Hautarzt. 2012;63(2):104-109.

[Hyperkeratoses as paraneoplastic syndrome.](#)

Stieler KM, Blume-Peytavi U, Vogel A, Atugoda S. J Dtsch Dermatol Ges. 2012;10(8):593-595.

[Leishmaniasis: A Reminder in the Face of Forgotten Travel.](#)

Terhorst D, **Blume-Peytavi U,** Schönian G, Schewe C, Haas N, Burbach GJ. J Pediatr. 2012;161(5):966.

[Clinically misinterpreted melanoma metastases can correctly be diagnosed by ultrasound-guided fine needle aspiration cytology.](#)

Schaefer-Hesterberg G, Akkooi AJ, Letsch A, Roewert J, **Blume-Peytavi U,** Keilholz U, Voit C. Eur J Dermatol. 2011;21(2):238-241.

[Ultrasound-Guided Fine-Needle aspiration cytology \(USFNAC\) to detect melanoma cells in the sentinel node facilitates local administration of medication, here IL-21 \(rIL21\) in a novel neoadjuvant setting into the sentinel node of stage III Melanoma Patients.](#)

Schäfer-Hesterberg G, Guerreiro M, Mouritzen U, Kowalczyk K, Meisel C, Haase O, Röwert-Huber J, van Akkooi A, **Blume-Peytavi U,** Sterry W, Schoengen A, Scheibenbogen C, Voit, C. Asia Pac J Oncol Hematol. 2010;2(2):1-6.

[Antifungal effect of 5-aminolevulinic acid PDT in Trichophyton rubrum.](#)

Kamp H, Tietz HJ, Lutz M, Piazena H, Sowyrda P, Lademann J, **Blume-Peytavi U.** Mycoses. 2005;48(2):101-107.

[Häufige Haarkrankheiten](#)

Tebbe B, Zouboulis ChC, **Blume-Peytavi U,** Gollnick H. In: Orfanos CE, Garbe C, editors. Therapie der Hautkrankheiten, 2nd edition. Berlin, Heidelberg; Springer Verlag; 1995. Chapter 58, p 1395-1422.