

Publications

Original articles:

CA = corresponding author

1. Canale FP, Neumann J, von Renesse J, Loggi E, Pecoraro M, Vogel I, Zoppi G, Antonini G, Wolf T, Jin W, La Barba G, Birgin E, Forkel M, Nilsson T, Marone R, Mueller H, Pelletier N, Jeker LT, Civenni G, **Schlapbach C**, Catapano C, Seifert L, Seifert AM, Gillissen S, de Dosso S, Cristaudi A, Rahbari NN, Ercolani G, Geiger R
Proteomics of immune cells from liver tumors reveals immunotherapy targets
Cell Genomics, in press
2. Bertschi NL, Steck O, Luther F, Bazzini C, von Meyenn L, Schärli S, Vallone A, Felser A, Keller I, Friedli O, Freigang S, Bégré N, Radonjic-Hoesli S, Lamos C, Gabutti MP, Benzaquen M, Laimer M, Simon D, Nuoffer JM, **Schlapbach C**
PPAR-γ regulates the effector function of human T helper 9 cells by promoting glycolysis
Nature Communications, 2023
3. T. Schatton, Y. Itoh, C. Martins, E. Rasbach, P. Singh, M. Silva, K. Mucciarone, M.V. Heppt, J. Geddes-Sweeney, K. Stewart, A. Brandenburg, J. Liang, C.J. Dimitroff, M.C. Mihm Jr, J. Landsberg, **C. Schlapbach**, C.G. Lian, G.F. Murphy, T.S. Kupper, M.R. Ramsey, S.R. Barthel
Inhibition of melanoma cell-intrinsic Tim-3 stimulates MAPK-dependent tumorigenesis
Cancer Research, 2022
4. M. Fromme, C.V. Schneider, **C. Schlapbach**, S. Cazzaniga, C. Trautwein, D.J. Rader, L. Borradori, P. Strnad
Comorbidities in lichen planus by phenome-wide association study in two biobank population cohorts
British Journal of Dermatology, 2022
5. N. Wullemin, B. Ballmer-Weber, **C. Schlapbach**, L. Jörg, D. Yerly
The activation pattern of drug-reacting T cells has an impact on the clinical picture of hypersensitivity reactions
Frontiers in Allergy, 2022
6. S. Bossart, S.M. Seyed Jafari, M. Lehmann, A. Jossi-Will, E. Sane, K. Heidemeyer, P. Schorno, L. Pelloni, A. Rammimair, **C. Schlapbach**
Effect of topical application of platelet-rich plasma on chronic venous leg ulcerations
Dermatologic Therapy, 2021
7. P. Zwicky, F. Ingelfinger, B.M. Silva de Melo, F. Ruchti, S. Schärli, N. Puertas, M. Lutz, T.S. Phan, T.M. Kündig, M.P. Levesque, J.T. Maul, **C. Schlapbach**, S. LeibundGut-Landmann, S. Mundt, B. Becher
IL-12 regulates type 3 immunity through interfollicular keratinocytes in psoriasiform inflammation
Science Immunology, 2021
8. Distel J, Cazzaniga S, Seyed Jafari SM, Emelianov V, **Schlapbach C**, Yawalkar N, Heidemeyer K.
Long-Term Effectiveness and Drug Survival of Apremilast in Treating Psoriasis: A Real-World Experience.
Dermatology, 2021
9. G. Page, B. Page, H. Beltraminelli, L. Borradori, **C. Schlapbach**
Prurigo pigmentosa: demographics and characteristics in 14 Caucasian patients
Dermatology, 2021
10. J.T. Maul, F. Anzengruber, C. Conrad, A. Cozzio, P. Häusermann, A. Jalili, A.G.A. Kolios, E. Laffitte, A.K Lapointe, C. Mainetti, **C. Schlapbach**, R. Trüeb, N. Yawalkar, M. Dippel, A.A. Navarini
Topical Treatment of Psoriasis vulgaris – the Swiss Treatment Pathway
Dermatology, 2021
11. C. Bazzini, N. Bégré, B. Favre, T. Hashimoto, M. Hertl, **C. Schlapbach**^{CA}, L. Borradori
Detection of autoantibodies against alpha-2-macroglobulin-like 1 in paraneoplastic pemphigus sera utilizing novel green fluorescent protein-based immunoassays
Journal of Dermatological Science, 2020
12. B. Stolp, F. Thelen, X. Ficht, L.M. Altenburger, N. Ruef, V. V. G. Krishna Inavalli, P. Germann, N. Page, F. Moalli, A. Raimondi, K.A. Keyser, S.M.S. Jafari, F. Barone, M.S. Dettmer, D. Merkler, M. Iannacone, J. Sharpe, **C. Schlapbach**, O.T. Fackler, U.V. Nägerl, J.V. Stein
Salivary gland macrophages and tissue-resident CD8+ T cells cooperate for homeostatic organ surveillance
Science Immunology, 2020

13. S.M.S. Jafari, K. Gadaldi, L. Feldmeyer, N. Yawalkar, L. Borradori, **C. Schlapbach**
Effects of omalizumab on FcεRI and IgE expression in lesional skin of bullous pemphigoid
Frontiers in Immunology, 2019
14. C. Micossé, L. v. Meyenn, C. Adam, C. Simillion, S.M.S. Jafari, P. Olah, N. Yawalkar, D. Simon, L. Borradori, S. Kuchen, B. Homey, B. Snijder, M. Schmidt, D. Yerly, **C. Schlapbach**
Human "T_H9" cells are a subpopulation of PPAR-γ⁺ T_H2 cells
Science Immunology, 2019
15. T. Hartwig, P. Zwicky, B. Schreiner, N. Yawalkar, P. Cheng, A. Navarini, R. Dummer, L. Flatz, C. Conrad, **C. Schlapbach**, B. Becher
Regulatory T cells restrain pathogenic T helper cells during skin inflammation
Cell Reports, 2018
16. R. Thomi, **C. Schlapbach**, N. Yawalkar, D. Simon, D. Yerly, R. E. Hunger
Elevated levels of the antimicrobial peptide LL-37 in hidradenitis suppurativa are associated with a Th1/Th17 immune response
Experimental Dermatology, 2018
17. R. Thomi, D. Yerly, N. Yawalkar, D. Simon, **C. Schlapbach**, R. E. Hunger
Increased expression of the interleukin-36 cytokines in lesions of hidradenitis suppurativa
Journal of the European Academy of Dermatology & Venereology, 2017
18. R. Thomi, D. Yerly, N. Yawalkar, D. Simon, **C. Schlapbach**, R. E. Hunger
Interleukin-32 is highly expressed in lesions of hidradenitis suppurativa
British Journal of Dermatology, 2017
19. Weber B, **Schlapbach C**, Stuck M, Simon HU, Borradori L, Beltraminelli H, Simon D
Distinct interferon-gamma and interleukin-9 expression in cutaneous and oral lichen planus
Journal of the European Academy of Dermatology & Venereology, 2016
20. Kleffel S, Posch C, Barthel SR, Mueller H, **Schlapbach C**, Guenova E, Elco CP, Lee N, Juneja VR, Zhan Q, Lian CG, Thomi R, Hoetzenecker W, Cozzio A, Dummer R, Mihm MC Jr, Flaherty KT, Frank MH, Murphy GF, Sharpe AH, Kupper TS, Schatton T.
Melanoma Cell-Intrinsic PD-1 Receptor Functions Promote Tumor Growth.
Cell, 2015
21. Schatton T, Yang J, Kleffel S, Uehara M, Barthel SR, **Schlapbach C**, Zhan Q, Dudeney S, Mueller H, Lee N, de Vries JC, Meier B, Vander Beken S, Kluth MA, Ganss C, Sharpe AH, Waaga-Gasser AM, Sayegh MH, Abdi R, Scharffetter-Kochanek K, Murphy GF, Kupper TS, Frank NY, Frank MH.
ABCB5 Identifies Immunoregulatory Dermal Cells
Cell Reports, 2015
22. F. Moalli, S.T. Proulx, R. Schwenderer, M. Detmar, **C. Schlapbach**, J.V. Stein
Intravital and whole-organ imaging reveals capture of melanoma-derived antigen by lymph node subcapsular macrophages leading to widespread deposition on follicular dendritic cells
Frontiers in Immunology, 2015
23. R. Watanabe, A. Gehad, C. Yang, L. Campbell, J.E. Teague, **C. Schlapbach**, C. Elco, V. Huang, T.S. Kupper, R.A. Clark
Human skin is protected by four functionally and phenotypically discrete populations of resident and recirculating memory T cells
Science translational medicine, 2015
24. N. Wuillemin, L. Terracciano, H. Beltraminelli, **C. Schlapbach**, S. Fontana, S. Krähenbühl, W.J. Pichler, D. Yerly
*T cells infiltrate the liver and kill hepatocytes in HLA-B*57:01 associated flucloxacillin-induced liver injury*
American Journal of Pathology, 2014.
25. M. Kakeda, M. Arock, **C. Schlapbach**^{CA}, N. Yawalkar
Increased expression of heat shock protein 90 in keratinocytes and mast cells in psoriasis
Journal of the American Academy of Dermatology, 2014.
26. **C. Schlapbach**, C. Yang, R. Watanabe, A. Gehad, E. Guenova, J. Teague, N. Yawalkar, T.S. Kupper, R.A. Clark
Human T_H9 cells are skin-tropic and have autocrine and paracrine pro-inflammatory capacity
Science translational medicine, 2014.

27. A.L. Gerber, A. Müntz, **C. Schlapbach**, M. Shafiqhi, D. Kiermeir, R. Hüsler, R.E. Hunger
High expression of FoxP3 in primary melanoma is associated with tumor progression
British Journal of Dermatology, 2013.
28. E. Guenova, R. Watanabe, J. Desimone, J. Teague, Y. Jiang, M. Dowlathshahi, A. Gehad, **C. Schlapbach**, K. Schaeckel, A. Rook, M. Tawa, D. Fisher, T. Kupper, R. Clark
Th2 cytokines from malignant cells suppress Th1 responses and enforce a global Th2 bias in leukemic cutaneous T cell lymphoma
Clinical Cancer Research, 2013.
29. Purwar, R., **C. Schlapbach**, S. Xiao, H.S. Kang, W. Elyaman, X. Jiang, A.M. Jetten, S.J. Khoury, R.C. Fuhlbrigge, V.K. Kuchroo, R.A. Clark, T.S. Kupper
Robust tumor immunity to melanoma mediated by interleukin-9-producing T cells
Nature medicine, 2012.
30. Clark, R.A., R. Watanabe, J.E. Teague, **C. Schlapbach**, M.C. Tawa, N. Adams, A.A. Dorosario, K.S. Chaney, C.S. Cutler, N.R. Leboeuf, J.B. Carter, D.C. Fisher, T.S. Kupper
Skin effector memory T cells do not recirculate and provide immune protection in alemtuzumab-treated CTCL patients.
Science translational medicine, 2012.
31. **C. Schlapbach**, Zawodniak, A., Irla, N., Adam, J., Hunger, R.E., Yerly, D., Pichler, W.J., and Yawalkar, N.
NKp46⁺ cells express granulysin in multiple cutaneous adverse drug reactions.
Allergy, 2011.
32. **C. Schlapbach**, Hanni, T., Yawalkar, N., and Hunger, R.E.
Expression of the IL-23/Th17 pathway in lesions of hidradenitis suppurativa.
Journal of the American Academy of Dermatology, 2011.
33. **C. Schlapbach**, Yerly, D., Daubner, B., Yawalkar, N., and Hunger, R.E.
Telomerase-specific GV1001 peptide vaccination fails to induce objective tumor response in patients with cutaneous T cell lymphoma.
Journal of Dermatological Science, 2011.
34. **C. Schlapbach**, Ochsenbein, A., Kaelin, U., Hassan, A.S., Hunger, R.E., and Yawalkar, N.
High numbers of DC-SIGN⁺ dendritic cells in lesional skin of cutaneous T-cell lymphoma.
Journal of the American Academy of Dermatology, 2010.
35. **C. Schlapbach**, Yawalkar, N., and Hunger, R.E.
Human beta-defensin-2 and psoriasin are overexpressed in lesions of acne inversa.
Journal of the American Academy of Dermatology, 2009.

Short reports:

CA = corresponding author, EC = equally contributed

1. O. Steck, N.L. Bertschi, F. Luther, J. van den Berg, D.J. Winkel, A. Holbro, **C. Schlapbach**
Rapid and sustained control of itch and reduction of Th2 bias by dupilumab in a patient with Sézary syndrome
Journal of the European Academy of Dermatology & Venereology, 2021
2. R. Thomi, S. Cazzaniga, S.M. Seyed Jafari, **C. Schlapbach**, R.E. Hunger
Association of Hidradenitis Suppurativa With T Helper 1/T Helper 17 Phenotypes: A Semantic Map Analysis.
JAMA Dermatology, 2018
3. M. Kakeda^{EC}, **C. Schlapbach**^{EC,CA}, G. Danelon^{EC}, MM. Tang, V. Cecchinato, N. Yawalkar, and M. Ugucioni
Innate immune cells express IL-17A/F in acute generalized exanthematous pustulosis and generalized pustular psoriasis
Archives of Dermatological Research, 2014

Letters to the editor / Research letters:

- M.H. Rohner, K. Thormann, S. Cazzaniga, S. Yousefi, H.U. Simon, **C. Schlapbach**, D. Simon
Dupilumab reduces inflammation and restores the skin barrier in patients with atopic dermatitis
Allergy, 2021

- A.D. Gloor, L. Feldmeyer, A. Rammlmair, **C. Schlapbach**, D. Wallach, L. Borradori
A relapsing localized variant of neutrophilic dermatosis triggered by tissue injury
British Journal of Dermatology, 2021
- Thomi R, Cazzaniga S, Seyed Jafari SM, **Schlapbach C**, Hunger RE
Association of Hidradenitis Suppurativa With T Helper 1/T Helper 17 Phenotypes: A Semantic Map Analysis
JAMA Dermatology 2018
- C. Houriet, S. M.S. Jafari, R. Thomi, **C. Schlapbach**, L. Borradori, N. Yawalkar, R.E. Hunger
Canakinumab for severe hidradenitis suppurativa: preliminary experience in two cases (Brief report)
JAMA Dermatology, 2017
- H. Tang, **C. Schlapbach**, A.S. Hassan, D. Simon, and N. Yawalkar
Characterization of dendritic cells and macrophages in irritant contact dermatitis. (Letter to the editor)
Journal of Dermatological Science, 2010
- A.A. Navarini, M.A. Simpson, L. Borradori, N. Yawalkar, **C. Schlapbach**
Homozygous missense mutation in IL36RN in generalized pustular dermatosis compatible with both AGEP and generalized pustular psoriasis.
JAMA Dermatology, 2014

Case reports:

- Imstepf VA, **Schlapbach C**, Benzaquen M, Feldmeyer L, Lipsker D, Borradori L.
Localized aseptic neutrophilic dermatoses of the extremities triggered by stasis and tissue damage: Two case reports of an unrecognized condition misdiagnosed as bacterial cellulitis.
JAAD Case Rep. 2022 Aug
- Seyed Jafari SM, Feldmeyer L, Bossart S, Simon D, Schlapbach C, Borradori L.
Combination of Omalizumab and Dupilumab for Recalcitrant Bullous Pemphigoid.
Front Immunol. 2021
- M. Benzaquen, N. Yawalkar, L. Feldmeyer, L. Borradori, **C. Schlapbach**
Herpetiform aphthous ulcerations with acute gingivostomatitis induced by secukinumab: report of two cases
JAAD Case Reports, 2020
- M.S. Fässler, **C. Schlapbach**
Granuloma annulare arising under systemic psoriasis therapy successfully treated with adalimumab
JAAD Case Reports, 2020
- A. Gloor, M. van Rhyn, **C. Schlapbach**
Erythema gyratum repens-like eruption after anti-IL-17 therapy of pityriasis rubra pilaris
Journal of the European Academy of Dermatology & Venereology, 2020
- M. Lehmann, **C. Schlapbach**
Pityriasis rubra pilaris in pregnancy localized to the face and neck
Clinical Dermatology, 2020
- Bürgler C, **Schlapbach C**, Feldmeyer L, Haneke E.
Multiple acantholytic dyskeratotic acanthomas in an organ transplant recipient.
JAAD Case Reports, 2018
- **C. Schlapbach**, P. Sendi
The Serrated Marine Nose. (Images in Clinical Medicine)
New England Journal of Medicine, 2017

Editorials

- **C. Schlapbach**
TOX-ic T cell cytokines wreak havoc in CTCL skin
Blood, 2023
- **C. Schlapbach**, C. Conrad
TYK-ing all the boxes in psoriasis
Journal of Allergy and Clinical Immunology, 2022

Review articles

- B. Roediger, **C. Schlapbach**
T cells in the skin: lymphoma and inflammatory skin disease
Journal of Allergy and Clinical Immunology, 2022
- N.L. Bertschi, C. Bazzini, **C. Schlapbach**
The Concept of Pathogenic T_H2 Cells
International Archives of Allergy and Immunology, 2021
- M.P. Schön, C. Berking, T. Biedermann, T. Buhl, L. Erpenbeck, K. Eyerich, S. Eyerich, K. Ghoreschi, M. Goebeler, RJ Ludwig, K. Schäkel, B.Schilling, **C. Schlapbach**, G. Stary, E. von Stebut, K. Steinbrink
COVID-19 - from basic and translational aspects to clinical implications
Journal der Deutschen Dermatologischen Gesellschaft (JDDG), 2020
- S.M.S Jafari, R.E. Hunger, **C. Schlapbach**
Hidradenitis suppurativa: Current understanding of pathogenic mechanisms and suggestion for treatment algorithm
Frontiers in Medicine, 2020
- L. von Meyenn, N.L. Bertschi, **C. Schlapbach**
Targeting T cell metabolism in inflammatory skin disease
Frontiers in Immunology, 2019
- C. Kromer, M. Fabri, **C. Schlapbach**, M.H. Schulze, U. Gross, M.P. Schön, T. Buhl
Diagnosis of mycobacterial skin infections
Journal Deutsche Dermatologische Gesellschaft (JDDG), 2019
- Clark RA, **Schlapbach C.**
T_H9 cells in skin disorders.
Seminars in Immunopathology, 2017
- **C. Schlapbach**, A.A. Navarini
The expanding family of targeted therapies in inflammatory skin disease
Seminars in Immunopathology, 2015
- **C. Schlapbach**, D. Simon
Update on skin allergy
Allergy, 2014

Invited articles

- C. Houriet, E. Haneke, **C. Schlapbach**, L. Borradori, N. Pelivani
Hautmanifestationen bei inneren Erkrankungen
Swiss Medical Forum, 2013
- Riggauer J, **Schlapbach C**
Neue und alte Therapien der atopischen Dermatitis
Schweizerische Ärztezeitung, 2023

References to publications by CS

- Elisabeth Kugelberg
"Th9 cells creep under the skin", Research Highlights in Nature Reviews Immunology, Vol. 14, March 2014
- F1000 prime – Article recommendations:
 - *Human T_H9 cells are skin-tropic and have autocrine and paracrine pro-inflammatory capacity*, Sci transl med, 2014 - Michelle Lowes with Jamie Lynn Harden, *recommendation: Exceptional.*
 - *NKp46+ cells express granulysin in multiple cutaneous adverse drug reactions*, Allergy, 2011 – Luigi Naldi, *recommendation: Good*
 - *Human beta-defensin-2 and psoriasin are overexpressed in lesions of acne inversa*, JAAD, 2009 Ralf Paus et al., *recommendation: Good*