

Curriculum vitae

Private

Name: Christoph Schlapbach
Address: *Professional:*
Department of Dermatology
Inselspital, University of Bern
Private:
Hubelmattstrasse 3
3007 Bern – Switzerland
Date of birth: 12 March 1979
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Education / Academic career

10/2016 FMH Board certification in Dermatology & Venereology
Venia Docendi (Habilitation) in Dermatology & Venereology
02/2016 – present Peter Hans Hofschneider Professorship for Molecular Medicine
Assistant professor, Department of Dermatology, Inselspital / University of Bern
10/2012 – 01/2016 Resident in Dermatology, Department of Dermatology, Inselspital / University of Bern.
11/2008 – 03/2012 MD-PhD student in immunology at the graduate school of the University of Bern.
Graduation *summa cum laude* as Doctor of Medicine and Philosophy
08/2002 – 11/2008 Study of medicine at the University of Bern, Switzerland
Graduation as Doctor of Medicine
08/2000 – 07/2002 Academic high school at the BME Bern (extra-occupational education)
08/1995 – 07/1999 Professional training as architectural draftsman at Steiner + Partner Architekten, Switzerland
08/1986 – 07/1995 Primary & Secondary School in Steffisburg, Switzerland

Work experience

03/2016 – present Senior physician, Department of Dermatology, University of Bern, Switzerland
10/2012 – 02/2016 Resident in Dermatology, Department of Dermatology, University of Bern, Switzerland
03/2011 – 10/2012 Postdoctoral research fellowship at the Department of Dermatology, Harvard Medical School, Boston, USA
02/2011 – 03/2011 Research fellowship at the laboratory of Dr. Federica Sallusto, Institute for Research in Biomedicine, Bellinzona, Switzerland
11/2008 – 03/2011 MD-PhD position at the Department of Dermatology, Inselspital Bern
08/2005 – 06/2007 Course instructor in physiology and anatomy at the Migros Klubschule.
01/2002 – 12/2002 Internship at the Swiss Federal Office of Sport
01/2000 – 07/2002 Position as architectural draftsman at Steiner + Partner Architekten, Steffisburg, CH

Publications

Original articles:

CA = corresponding author

1. 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
2. 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
3. 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
4. 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
5. 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
6. 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
7. 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
8. 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
9. 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.
ABC5 Identifies Immunoregulatory Dermal Cells
Cell Reports, 2015
10. 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
11. 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
12. 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.
13. 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.

14. **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.
15. A.L. Gerber, A. Münst, **C. Schlapbach**, M. Shafighi, D. Kiermeir, R. Hüsler, R.E. Hunger
High expression of FoxP3 in primary melanoma is associated with tumor progression
British Journal of Dermatology, 2013.
16. E. Guenova, R. Watanabe, J. Desimone, J. Teague, Y. Jiang, M. Dowlatshahi, 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.
17. 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.
18. 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.
19. **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.
20. **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.
21. **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.
22. **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.
23. **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.

Concise Communications/Brief reports:

CA = corresponding author, EC = equally contributed

1. 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
2. M. Kakeda^{EC}, **C. Schlapbach**^{EC,CA}, G. Danelon^{EC}, MM. Tang, V. Cecchinato, N. Yawalkar, and M. Uguccioni
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 / Observations / Brief reports / Case reports:

- 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
- Bürgler C, **Schlapbach C**, Feldmeyer L, Haneke E.
Multiple acantholytic dyskeratotic acanthomas in an organ transplant recipient.
JAAD Case Reports, 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
- **C. Schlapbach**, P. Sendi
The Serrated Marine Nose. (Images in Clinical Medicine)
New England Journal of Medicine, 2017
- 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. (Observation)
JAMA Dermatology, 2014
- 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

Review articles

- L. von Meyenn, N.L. Bertschi, **C. Schlapbach**
Targeting T cell metabolism in inflammatory skin disease
Frontiers in Immunology, in press
- 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), in press
- 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

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:
 - o *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*.
 - o *NKp46+ cells express granulysin in multiple cutaneous adverse drug reactions*, *Allergy*, 2011 – Luigi Naldi, *recommendation: Good*
 - o *Human beta-defensin-2 and psoriasin are overexpressed in lesions of acne inversa*, *JAAD*, 2009 Ralf Paus et al., *recommendation: Good*

Invited lectures C. Schlapbach (selection)

- Gordon Research Conference, Ventura, USA; 01/2020: *PPAR γ + T_H2 cells*.
- Annual congress of the ESDR, Bordeaux, 09/2019: *PPAR γ regulates skin-tropic T_H2 cells*.
- Annual congress of the SSAI, Lugano, 09/2019: *Subsets of Th2 cells*.
- Annual congress of the German Assoc. of Dermatologists (DDG), Berlin, 04/2017: *Clinical importance of skin-resident T cells*.
- Annual meeting of the ESDR, Munich, 09/2016: *Neutrophil skin inflammation in health and disease*.
- Annual meeting of the ESDR, Munich, 09/2016: *The definition of T helper cell subsets – an object lesson in philosophy of science*.
- 6th Drug Hypersensitivity Meeting, Bern, April 2014: *Skin resident T cells: Evidence in mice and men*
- Annual meeting of the Swiss Society of Dermatology (SGDV); Basel, Switzerland, 2014: *Skin resident T cells: Why they matter to us dermatologists*.
- Joint CME event of the Universities Basel, Bern, Zürich; Bern: 06/2014, 05/2017, 02/2019: Selected Topics in clinical and translational dermatology.

Oral presentations (selection):

- **C. Schlapbach**: *IL-9 expression is an activation-dependent and transient condition of T_H2 cells*
Annual meeting of the ESDR, Munich, 09/2016
- C. Micossé, **C. Schlapbach**: *Human T_H9 cells: A subset of skin-tropic T_H cells with proinflammatory capacity*
World Immune Regulation Meeting, Davos, 03/2015
- C. Micossé, **C. Schlapbach**: *Human Th9 cells – a unique and stable population of skin-homing T cells*
Research seminar at the Dept. of Dermatology, Kyoto University, Kyoto, Japan. 10/2014
- **C. Schlapbach**:
EADV scientific meeting at the IRB; Bellinzona, Switzerland. 11/2012
 - 11/2012: *Human Th9 cells – a unique population of skin-homing and skin-resident T cells*
 - 12/2014: *Skin resident T cells – What dermatologists need to know*
- **C. Schlapbach**, E. Guenova, A. Gehad, R. Watanabe, J. Teague, T. S. Kupper, R. A. Clark.
The majority of human peripheral blood Th9 cells are tropic for the skin.
Annual meeting of the Society of Investigative Dermatology; Raleigh, USA. 05/2012
- **C. Schlapbach**, A. Zawodniak, G. Porebski D. Yerly, N. Irla, W. J. Pichler, N. Yawalkar.
NK cells and cytotoxic T cells express granulysin in multiple cutaneous drug reactions.
Annual meeting of the Swiss Society of Dermatology (SGDV); Basel, Switzerland. 09/2010

Posters (selection):

- L. von Meyenn, C. Micossé, C. Adam, B. Homey, D. Simon, B. Snijder, M. Schmidt, C. Schlapbach
IL-9-producing T helper cells are a subpopulation of PPAR γ ⁺ T_H2 cells
Annual meeting of the ADF, München, 03/2019
- C. Micossé, L. von Meyenn, S.M. Seyed Jafari, L. Borradori, B. Homey, B. Snijder & **C. Schlapbach**
TGF- β - and IL-4-induced PPAR- γ promotes IL-9 expression in human T_H2 cells
International Investigative Dermatology, Orlando, 05/2018
- C. Micossé, A.P. Frei, L. von Meyenn, C. Simillion, E. Guenova, L. Borradori, D. Simon, D. Yerly, **C. Schlapbach**
The "T_H9" phenotype is an activation-dependent and transient condition of T_H2 cells
World Immune Regulation Meeting, Davos, 03/2017

- A. Gehad, J. O'Malley, **C. Schlapbach**, T. Matos, J. Teague, V. Huang, E. Lowry, J. Krueger, T.S. Kupper, R.A. Clark. *A pathogenic role for IL-9 in psoriasis: IL-9 producing T cells are frequent in human psoriasis and IL-9 enhances dermatitis in two IL-17 dependent mouse models of psoriasiform dermatitis*. Annual meeting of the Society of Investigative Society, Atlanta, 05/2015
- A.A. Navarini, N. Yawalkar, **C. Schlapbach**. *Homozygous missense mutation in IL36RN in generalized pustular dermatosis compatible with both AGEF and generalized pustular psoriasis*. Annual meeting of the European Society for Dermatological Research (ESDR), Copenhagen, 09/2014
- J. Adam, N. Wuillemin, D. Yerly, K. Schnyder, W.J. Pichler, N. Yawalkar, **C. Schlapbach**. *Possible involvement of Ambroxol as trigger of an EEM/SJS overlap*. Annual meeting of the Swiss Society of Dermatology & Venerology (SGDV); Montreux, 09/2013
- **C. Schlapbach**, C. Yang, R. Watanabe, A. Gehad, E. Guenova, J. Teague, N. Yawalkar, T.S. Kupper, and R.A. Clark. *Human Th9 cells: a novel skin homing T cell subset with potent autocrine and paracrine proinflammatory properties*. Meeting of the International Societies of Investigative Dermatology IID, Edinburgh, 05/2013. Selected for poster walk.
- J. Adam, N. Wuillemin, D. Yerly, K. Schnyder, W.J. Pichler, N. Yawalkar, **C. Schlapbach**. *CD8⁺ T cells and NK cells from blister fluid of an EEM/SJS overlap highly express Fas ligand and Granulysin*. Annual meeting of the Swiss Society for Allergology and Immunology (SSAI); Bern, 04/2013
- A.L. Gerber, A. Müntz, D. Kiermeier, M. Shafiqhi, **C. Schlapbach**, R. Hüsler, R.E. Hunger. *High expression of FoxP3 in primary Melanoma is associated with tumor progression*. 8th congress of the European Association of Dermato Oncology (EADO); Barcelona, 11/2012
- **C. Schlapbach**, T.S. Kupper, R.A. Clark. *Tissue specific homing and T cell antigen specificity*. Cell Symposia – Human immunity; Lisbon, Portugal, 10/2012
- **C. Schlapbach**, A. Zawodniak, D. Yerly, W.J. Pichler, and N. Yawalkar. *Expression of granulysin in various cutaneous drug reactions by NK cell and T cells*. Annual meeting of the Swiss Society for Allergology and Immunology (SSAI); St. Gallen, Switzerland, 04/2010

Prizes & Awards

- **Haller Medal of the University of Bern 2017**

The Haller Medal is awarded since 1809 to Bernese personalities who have distinguished themselves most through their performance, diligence and talents

- **Peter Hans Hofschneider Endowed Professorship for Molecular Medicine 2016**

- **LEO Research Foundation Silver Award 2017**

For excellent research in the field of dermatology

Prize: DKK 500'000.- (=CHF 74'000.-)

- **European Center for Allergy Research Foundation (ECARF) Award 2019**

For our work on human interleukin 9-producing T helper cells and their role in skin allergy

Prize: € 2'500.-

- **Pierre Fabre Skin Cancer Award 2014**

Human interleukin 9-producing T helper cells and their role in anti-tumor immune response in melanoma

Prize: CHF 10'000.-

- **Poster Prize of Nature Immunology at the World Immune Regulation Meeting, Davos, 03/2017:**

C. Micossé, ..., C. Schlapbach: The "T_H9" phenotype is an activation-dependent and transient condition of T_H2 cells

- **Poster Prize for best poster in experimental dermatology:**

C. Schlapbach et al.: *In vivo differentiated human Th9 cells are enriched in skin-homing and skin-resident T cells*. Annual meeting of the SGDVG; Montreux, Switzerland, 2013.

Prize: CHF 1'500.-

- **Poster Prize for best poster in allergology:**

C. Schlapbach et al.: *Expression of granulysin in various cutaneous drug reactions by NK cell and T cells*. Annual meeting of the SSAI; St. Gallen, Switzerland, 2010.

Prize: CHF 500.-

- Selected for the **2014 Academy for Future Leaders in Dermatology** by the European Society of Dermatological Research (ESDR). 6.-8. November 2014, Madrid, Spain

Scientific activities & memberships

- Editorial Reviewer of the Journal of Investigative Dermatology

- Reviewer for journals (selection):

- *New England Journal of Medicine*
- *Science Translational Medicine*
- *Science Immunology*
- *Journal of Allergy and Clinical Immunology*
- *Allergy*
- *The Lancet*
- *Scientific Reports*
- *Biochemistry and Cell Biology*
- *Journal of the American Academy of Dermatology*
- *British Journal of Dermatology*
- *Cell Death and Disease*
- *Journal of the European Academy of Dermatology and Venereology*
- *European Journal of Dermatology*

- Reviewer of project grants (selection):

- *Swiss Cancer League*
- *Swiss National Science Foundation (SNF)*
- *Vienna Science and Technology Fund*
- *Fund for Scientific Research-FNRS – Belgium*

- Reviewer of book proposals:

- *Elsevier/Academic Press: Microbiology and Immunology*

- Memberships

- European Society of Dermatological Research (ESDR)
- Swiss Society for Allergology and Immunology (SSAI-SGAI)
- Arbeitsgemeinschaft Dermatologische Forschung (ADF)
- Swiss Society of Dermatology and Venereology (SGDV)
- Member of the Scientific Committee of the La Roche-Posay Foundation

- Regular activity as abstract reviewer & poster walk leader for the ESDR, ADF, and SGDVG

Funding

Career Funding:

- **Peter Hans Hofschneider Endowed Professorship for Molecular Medicine 2016**

Financing for 5 years (equaling a total value of CHF 1.2 Mio) for:

- o Personal salary, level assistant professor
- o One graduate student position
- o Running costs

- Swiss National Science Foundation: Fellowship for prospective researchers: 68'800 USD / November 2010

- Fondation Rene Touraine: Fellowship for long exchange period: 18'000 € / November 2010

Project Funding as Principal Investigator:

- Bern Center for Precision Medicine Pilot Project Grant: CHF 98'000; 2019-2020

- Promedica Stiftung: Investigating the existence and function of a human T_H9 cell subset. CHF 165'000; 2016-2019

- W. & H. Berger-Janser Stiftung: The role of human T_H9 cells in the anti-tumor immune response in melanoma. CHF 60'000; 2016

- Krummenacher Foundation: The role of TH9 cells in the anti-tumor immune response in melanoma. € 5'000; 2016

- Olga Mayenfisch Stiftung: Role of T_H9 cells in initiation of cutaneous inflammation. CHF 60'000; 2015

- Novartis Foundation for biomedical research: Characterizing human interleukin 9-producing T helper memory cells. CHF 60'000; 2013

- Bernese League against Cancer: Characterizing human interleukin 9-producing T helper memory cells and their role in anti-tumor immune response in malignant melanoma. CHF 50'000; 2013

- Inselspital-Research grant: Characterizing human interleukin 9 -producing T helper memory cells and their role in anti-tumor immune response in malignant melanoma. CHF 80'000; 2013

- Fondation Louis Widmer-Grant for study of cytokine expression in Hidradenitis suppurativa: CHF 3'300, 2009

Project Funding as Co-Investigator:

- Swiss Personalized Health Network (SPHN) grant for driver project:

PRECISE: Identification of biomarkers and therapeutic targets in inflammatory disease immunotherapy by high-dimensional single cell analysis and cluster proteomics

Total CHF 1.4 Mio., Budget for CS: CHF 250'000; 2018

Teaching

Problem Based Learning (PBL) Tutorials, Faculty of Medicine, University of Bern:

- Training for PBL Tutors, Faculty of Medicine, University of Bern, 05 + 11/2009
- Tutor PBL Curriculum, Semester 2008/2009, First year students.

Design of Clinical Skills Cases for Examination, Faculty of Medicine, University of Bern:

- OSCE Exam, 5th year students: 2016

Lectures University of Bern:

- Oral manifestations of auto-immune bullous disease
School of dental medicine, University of Bern, 5th year students: 12/2015
- Auto-immune bullous disease.
Faculty of Medicine, University of Bern, 5th year students: 2015-2017 (SK1 SJ5)
- Immunopathogenesis of psoriasis & autoimmune bullous disease
Master course in Clinical Immunology, University of Bern: yearly, since 2013 (ongoing)
- Courses in clinical dermatology for 5th/6th year medical students, University of Bern: yearly, since 2015 (ongoing)
- Seminar in Clinical Immunology for 3rd year medical students, University of Bern: yearly, since 2016 (ongoing)

Supervision of PhD students:

- Principal supervisor (PhD Program in Cellular and Biomedical Sciences, University of Bern)
 - o Cecilia Bazzini: *Characterization of anti-alpha 2 macroglobulin-like 1 and anti-desmocollin 3 autoantibodies in Paraneoplastic pemphigus*. In progress
 - o Leonhard von Meyenn: *Cell fate and functional targets of human interleukin 9-producing T helper memory cells*. 03/2016 – 10/2019. Graduation *insigni cum laude*
 - o Claire Micossé: *Characterizing human interleukin 9-producing T helper memory cells and their role in anti-tumor immune response in malignant melanoma*. 03/2014 – 02/2018. Graduation *insigni cum laude*

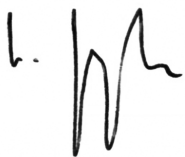
Supervision of medical doctor theses:

- Co-supervisor:
 - o Thomas Schreiber, M.D.: *Immunohistochemical analysis of LCs in psoriasis*; University of Bern, 2011
 - o Anja Muenst, M.D.: *Dendritic cell subsets in melanoma metastasis*; University of Bern, 2011
 - o Anna Gerber, M.D.: *T cell subsets in melanoma metastasis*; University of Bern, 2011
 - o Tanja Hänni, M.D.: *Expression of the IL-23/Th17 pathway in lesions of hidradenitis suppurativa*, University of Bern, 2010

Supervision of medical master theses:

- Stefano Scanzio, 06/2017: Immunotherapy of advanced basal cell and squamous cell carcinoma - a literature review
- Martino Bianchi, 12/2018: PD-1/PD-L1 Checkpoint Inhibition as possible Immunotherapy in Merkel cell carcinoma

Bern, 13.02.2020



Christoph Schlapbach