

# CURRICULUM VITAE

## Philippe Bugnon

**Date of birth** March 20<sup>th</sup>, 1967  
**Place of birth** Fribourg, Switzerland  
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### EDUCATION

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1995-1999	Thesis	Swiss Rabies Center, Institute of Veterinary Virology University of Bern
1988-1995	Veterinary Medicine	Department of Veterinary Medicine University of Bern
1980-1988	High school	Collège Pierre Viret, Lausanne Collège St-Michel, Fribourg

### WORK EXPERIENCE

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2007 – present	Head of Education, Qualifying and Continuing Education in Laboratory Animal Science Institute for Laboratory Animal Science – VetSuisse Faculty University Zürich, Switzerland
1999 - 2007	Head of the Animal Facility, Laboratory Animal Experimentation Institute for Cell Biology, Swiss Federal Institute of Technology, Zürich
1998	Accreditation of the Swiss Rabies Center
1997	Direction of the Swiss Rabies Diagnosis Laboratory

### LANGUAGES

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French	Mother language
German	Good knowledge
English	Good knowledge

## ASSOCIATIONS – EXPERT WORKING GROUPS – COMMITTEES

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- 2003 – present Board of the Swiss Laboratory Animal Science Association SGV
- 2004 – present Governing board of the Federation of the European Laboratory Animal Science Associations FELASA
- 2005 – present Education Committee of the Swiss Laboratory Animal Science Association
- 2010 – present Swiss Federal Committee on Animal Experimentation  
member : 2010-2014 / president : 2015
- 2010 – present Comité d'Organisation de la Formation du Diplôme d'Etudes Vétérinaires Supérieures (orientation "Sciences de l'Animal de Laboratoire") et du "Francophone ECLAM Training Programme" des 4 Ecoles Vétérinaires Françaises
- 2013 - present member of the administrative board of the 3R Research Foundation Switzerland
- 2010 -2013 Working group on rodent identification of the Federation of the European Laboratory Animal Science Associations FELASA
- 2008 – 2009 Education Committee of the German Laboratory Animal Science Association GV-SOLAS

## PUBLICATIONS

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*Report of the Federation of European Laboratory Animal Science Associations Working Group on animal identification.*

Dahlborn K, **Bugnon P**, Nevalainen T, Raspa M, Verbost P, Spangenberg E.  
Lab Anim. 2013 Jan;47(1):2-11

*Editorial ethical guidelines: what about the evaluation of the benefits to humans?*

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SGV Board.  
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*Walking the dog and moving the cat: rabies serology in the context of international pet travel schemes.*

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*Schweiz Arch Tierheilkd.* 2010 Dec; 152(12):561-8.

*The Nrf2 transcription factor protects from toxin-induced liver injury and fibrosis.*

W. Xu, C. Hellerbrand, U. A. Köhler, **P. Bugnon**, Y.-W. Kan, S. Werner and T.A. Beyer.  
Laboratory Investigation, 2008.

*Impaired liver regeneration in Nrf2 knockout mice: role of ROS-mediated insulin/IGF-1 resistance.*

T. A. Beyer, W. Xu, D. Teupser, U. auf dem Keller, **P. Bugnon**, E. Hildt, J. Thiery, Y. W. Kan, S. Werner.

The EMBO journal, 2008, vol. 27 (1) pp. 212-23

*Betacellulin regulates hair follicle development and hair cycle induction and enhances angiogenesis in wounded skin.*

M. R. Schneider, M. Antsiferova, L. Feldmeyer, M. Dahlhoff, **P. Bugnon**, S. Hasse, R. Paus, E. Wolf, S. Werner.

The Journal of investigative dermatology, 2008, vol. 128 (5) pp. 1256-65

*Accelerated wound closure in mice deficient for interleukin-10.*

S. A. Eming, S. Werner, **P. Bugnon**, C. Wickenhauser, L. Siewe, O. Utermöhlen, J. M. Davidson, T. Krieg, A. Roers

The American journal of pathology, 2007, vol. 170 (1) pp. 188-202

*Peroxiredoxin 6 is required for blood vessel integrity in wounded skin.*

A. Kümin, M. Schäfer, N. Epp, **P. Bugnon**, C. Born-Berclaz, A. Oxenius, A. Klippel, W. Bloch, S. Werner

The Journal of cell biology, 2007, vol. 179 (4) pp. 747-60

*Nrf transcription factors in keratinocytes are essential for skin tumor prevention but not for wound healing.*

U. auf dem Keller, M. Huber, TA Beyer, A. Kumin, C. Siemes, S. Braun, **P. Bugnon**, V. Mitropoulos, DA Johnson, JA Johnson, D. Hohl, S. Werner.

Molecular and Cellular Biology, 2006, vol. 26 (10) pp. 3773-84

*Activities of the matrix metalloproteinase stromelysin-2 (MMP-10) in matrix degradation and keratinocyte organization in wounded skin.*

M. Krampert, W. Bloch, T. Sasaki, **P. Bugnon**, T. Rulicke, E. Wolf, M. Aumailley, WC. Parks, S. Werner.

Molecular Biology of the Cell, 2004, vol. 15 (12) pp. 5242-54

*The Chemokine receptor CCR1 is strongly up-regulated after skin injury but dispensable for wound healing.*

S. Kaesler, **P. Bugnon**, J.-L. Gao, P. M. Murphy, A. Goppelt, S. Werner.

Wound Rep. 2004, vol. 12 (2) pp. 193-204

*Transgenic mice reveal novel activities of growth hormone in wound repair, angiogenesis, and myofibroblast differentiation.*

IS. Thorey, B. Hinz, A. Hoeflich, S. Kaesler, **P. Bugnon**, M. Elmlinger, R. Wanke, E. Wolf, S. Werner.

The Journal of Biological Chemistry, 2004, vol. 279 (25) pp. 26674-84

*Efficacy of oral vaccination in the final stage of fox rabies elimination in Switzerland.*

**P. Bugnon**, U. Breitenmoser, E. Peterhans, R. Zanoni.

Journal of Veterinary Medicine Series B, 2004.

*Fibroblast growth factor receptor signalling is crucial for liver homeostasis and regeneration.*

H. Steiling, T. Wustefeld, **P. Bugnon**, M. Brauchle, R. Fassler, D. Teupser, J. Thiery, JL. Gordon, C. Trautwein, S. Werner.

Oncogene. 2003, vol. 22 (28) pp. 4380-8

*The Ca<sup>2+</sup>-binding proteins S100A8 and S100A9 are encoded by novel injury-regulated genes*

IS. Thorey, J. Roth, J. Regenbogen, J.-P. Halle, M. Bittner, T. Vogl, S. Kaesler, **P. Bugnon**, B. Reitmaier, S. Durka, A. Graf, M. Wöckner, N. Rieger, A. Konstantinow, E. Wolf, A. Goppelt and S. Werner.

The Journal of Biological Chemistry, 2001, vol. 276 (38) pp. 35818-25

*The angiogenesis inhibitor endostatin impairs blood vessel maturation during wound healing*

W. Bloch, K Huggel, T Sasaki, R. Grose, **P. Bugnon**, K. Addicks, R. Timpl and S. Werner

The FASEB Journal, 2000, vol. 14 (15) pp. 2373-6