

# Curriculum vitae – Carla Rohrer Bley

## Personal Information

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Work address: Division of Radiation Oncology  
Vetsuisse Faculty, University of Zürich  
Winterthurerstrasse 260  
CH-8057 Zürich, Switzerland  
[onkologie@vetclinics.uzh.ch](mailto:onkologie@vetclinics.uzh.ch)

- Radiation Oncology Consulting -  
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## Education and Degrees

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1992-1997 School of Veterinary Medicine, University of Bern, Switzerland  
2000 Dissertation thesis at the Small Animal Clinic Bern, Division of Anesthesia; Dr. med. vet.  
2000-2003 Residency in Veterinary Radiation Oncology (ACVR-RO), University of Zurich; Diploma of the American College of Veterinary Radiology, sub-specialty Radiation Oncology (DACVR-RO)  
2007-2011 PostDoc, Laboratory of Molecular Radiobiology, Radiation Oncology, UniversitätsSpital Zürich  
2011 Diploma of the European College of Diagnostic Imaging (*de facto recognition*), (DipECVDI add Rad Oncol)  
2012 Habilitation (Dr. med. vet. habil.), *Venia legendi* in Oncology  
2013-2015 Master of Applied Ethics, ASAE  
2015 Professor for Radiation Oncology, Vetsuisse Faculty, University of Zurich

## Profession, Academic Qualifications and Training

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1998-1999 Clinical assistant in small and large animal anesthesiology University of Bern, Switzerland  
2000-2003 Internship + residency in radiation oncology, Vetsuisse faculty, University of Zürich  
09/2003 Diploma of the American College of Veterinary Radiology, (DACVR (Radiation Oncology))  
Since 2006 Oberassistent in Radiation Oncology, Vetsuisse-faculties, University of Zurich and Bern  
2003-2007 Staff Radiation Oncologist in the Section of Diagnostic Imaging and Radio Oncology  
2007-2011 PostDoc Laboratory of Molecular Radiobiology, Radiation Oncology, UniversitätsSpital Zürich  
Since 2008 Consulting Radiation Oncologist (Centro Oncologico Veterinario, Sasso Marconi, I-Bologna)  
2011 Diploma of the European College of Diagnostic Imaging (*de facto*), (DipECVDI add Rad Oncol)  
Since 03/2007 Head Division of Radiation Oncology Vetsuisse Faculty, University of Zürich (Leitende Ärztin)  
Since 08/2015 Professor for Radiation Oncology, Vetsuisse Faculty, University of Zurich

**Publications (>60 Publications)**

(selected papers; full list at [www.researcherid.com](http://www.researcherid.com) - ID: G-1192-2013)

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1. *A complication probability planning study to predict the safety of a new protocol for intracranial tumour radiotherapy in dogs.*  
**Rohrer Bley C**, Meier V, Schwarz P, Roos M, Besserer J  
Vet Comp Oncol. 2016 Aug 31. doi: 10.1111/vco.12265. [Epub ahead of print]
2. *Outcome in dogs with advanced (stage 3b) anal sac gland carcinoma treated with surgery or hypofractionated radiation therapy.* Meier V., Polton G., Cancedda S., Roos M., Laganga P., Emmerson T., **Rohrer Bley C**.  
Vet Comp Oncol. 2016 Jun 9. doi: 10.1111/vco.12248. [Epub ahead of print]
3. *Hypoxia-Related Marker GLUT-1, CAIX, Proliferative Index and Microvessel Density in Canine Oral Malignant Neoplasia.* Meier V, Guscetti F, Roos M, Ohlerth S, Pruschy M, **Rohrer Bley C**.  
PLoS One. 2016 Feb 23;11(2):e0149993. doi: 10.1371/journal.pone.0149993. eCollection 2016.
4. *Hypofractionated Radiotherapy for Macroscopic Canine Soft Tissue Sarcoma: A Retrospective Study of 50 Cases Treated with a 5x6 Gy Protocol with or without Metronomic Chemotherapy.* Cancedda S, Marconato L, Laganga P, Roos M, Leone VF, Rossi F, Meier V, **Rohrer Bley C**.  
Vet Radiol Ultrasound. 2016 Jan;57(1):75-83. doi: 10.1111/vru.12308. Epub 2015 Nov 9.
5. *Efficacy and side effects of radiation therapy in comparison with radiation therapy and temozolomide in the treatment of measurable canine malignant melanoma.* Cancedda S, **Rohrer Bley C**, Aresu L, Dacasto M, Leone VF, Pizzoni S, Gracis M, Marconato L.  
Vet Comp Oncol. 2014 Nov 10. doi: 10.1111/vco.12122. [Epub ahead of print]
6. *DNA damage response and DNA repair – dog as a model? – Debate.* Grosse N, Van Loon B, **Rohrer Bley C**.  
*BMC Cancer*, 2014;Mar 19;14:203. doi: 10.1186/1471-2407-14-203.
7. *Microtubule Stabilising Agents and Ionising Radiation: Multiple Exploitable Mechanisms for Combined Treatment.* **Rohrer Bley C**, Furmanova P, Orlowski K, Grosse N, Broggin-Tenzer A, McSheehy PMJ, Pruschy M.  
*European Journal of Cancer*, online 2012; DOI 10.1016/j.ejca.2012.05.008
8. *Regulation of VEGF-expression by patupilone and ionizing radiation in lung adenocarcinoma cells.*  
**Rohrer Bley C**, Orlowski K, Furmanova P, McSheehy P, Pruschy M.  
*Lung Cancer*, 2011 Sep;73(3):294-301. Epub 2011 Feb 17.
9. *Role of the microenvironment for radiosensitization by epothilone B.* **Rohrer Bley C**, Jochum W, Orlowski K, Furmanova P, Vuong V, McSheehy P, Pruschy M.  
*Clinical Cancer Research*, 2009;15(4):1335-1342
10. *Correlation of pre-treatment polarographically measured oxygen pressures with quantified contrast-enhanced power Doppler ultrasonography in spontaneous canine tumours and their impact on outcome after radiation therapy.* **Rohrer Bley C\***, Lalahova D, Roos M, Kaser-Hotz B, Ohlerth S\*.  
*Strahlentherapie und Onkologie*, 2009;185:756-762