

## List of Publications

Last updated 25 April 2017

Project Leader	Title of publication	Authors	Published in	Year	DOI	Repository (open access)
Dr. Stefano Di Santo	Endothelial Progenitor Cells Induce a Phenotype Shift in Differentiated Endothelial Cells towards PDGF/PDGFR $\beta$ Axis-Mediated Angiogenesis	Wyler von Ballmoos, Moritz, Yang, Zijiang, Völmann, Jan, Baumgartner, Iris, Kalka, Christoph, Di Santo, Stefano	PLoS ONE, 5(11), 1	2010	<a href="http://dx.doi.org/10.1371/journal.pone.0014107">http://dx.doi.org/10.1371/journal.pone.0014107</a>	<a href="http://boris.unibe.ch/id/eprint/515">http://boris.unibe.ch/id/eprint/515</a>
Dr. Stefano Di Santo	Current developments in the use of stem cell for therapeutic neovascularisation: is the future therapy "cell-free"?	Yang, Zijiang, Di Santo, Stefano, Kalka, Christoph	Swiss Med Wkly. 2010;140:w13130	2010	<a href="http://dx.doi.org/10.4414/smw.2010.13130">http://dx.doi.org/10.4414/smw.2010.13130</a>	<a href="http://boris.unibe.ch/70239/">http://boris.unibe.ch/70239/</a>
Dr. Stefano Di Santo	The Secretome of Endothelial Progenitor Cells Promotes Brain Endothelial Cell Activity through PI3-Kinase and MAP-Kinase	Di Santo, Stefano, Seiler, Stefanie, Fuchs, Anna-Lena, Widmer, Hans Rudolf	PLoS ONE, 9(4), 1-9	2014	<a href="http://dx.doi.org/10.1371/journal.pone.0095731">http://dx.doi.org/10.1371/journal.pone.0095731</a>	<a href="http://boris.unibe.ch/id/eprint/65149">http://boris.unibe.ch/id/eprint/65149</a>
Dr. Stefano Di Santo	The Cytoprotective Effects of Human Endothelial Progenitor Cell-Conditioned Medium Against an Ischemic Insult Are Not Dependent on VEGF and IL-8.	Di Santo S, Fuchs AL, Periasamy R, Seiler S, Widmer HR	Cell Transplant. 2016;25(4):735-47	2016	<a href="http://dx.doi.org/10.3727/096368916x690458">http://dx.doi.org/10.3727/096368916x690458</a>	
Dr. Stefano Di Santo	Paracrine factors for neurodegenerative disorders: special emphasis on Parkinson's disease.	Di Santo S, Widmer HR.	Neural Regen Res. 11(4):570-1	2016	<a href="http://dx.doi.org/10.4103/1673-5374.180739">http://dx.doi.org/10.4103/1673-5374.180739</a>	
Dr. Rebecca Elsässer /Dr. Irene Knüsel/Prof. Jean-Marc Fritschy	Novel role of cystic fibrosis transmembrane conductance regulator in maintaining adult mouse olfactory neuronal homeostasis	Pfister, Sandra, Weber, Tamara, Härtig, Wolfgang, Schwerdel, Cornelia, Elsaesser, Rebecca, Knuesel, Irene, Fritschy, Jean-Marc	The Journal of comparative neurology, 523(3), 406-30	2015	<a href="http://dx.doi.org/10.1002/cne.23686">http://dx.doi.org/10.1002/cne.23686</a>	<a href="http://www.zora.uzh.ch/105503/">http://www.zora.uzh.ch/105503/</a>
Dr. Rebecca Elsässer /Dr. Irene Knüsel/Prof. Jean-Marc Fritschy	Characterization and turnover of CD73/IP(3)R3-positive microvillar cells in the adult mouse olfactory epithelium	Pfister, Sandra, Dietrich, Maren G, Sidler, Corinne, Fritschy, Jean-Marc, Knuesel, Irene, Elsaesser, Rebecca	Chemical senses, 37(9), 859-68	2012	<a href="http://dx.doi.org/10.1093/chemse/bis069">http://dx.doi.org/10.1093/chemse/bis069</a>	<a href="http://www.zora.uzh.ch/74254/">http://www.zora.uzh.ch/74254/</a>
Prof. Jörg Halter	Considérations éthiques et juridiques sur les modalités du don dans la transplantation	Romagnoli, Simone, Bart, Thomas, Bürkli, Peter, Halter, Jörg	Jusletter, (29. August 2011),11-17	2011		<a href="http://edoc.unibas.ch/41083/">http://edoc.unibas.ch/41083/</a>
Prof. Jörg Halter	Ethical issues in HSCT and regenerative medicine	Sugarman, Jeremy	Bioethica Forum , 5(3), 88-91	2012	<a href="http://www.bioethica-forum.ch/docs/12_3/03_Sugarman.pdf">http://www.bioethica-forum.ch/docs/12_3/03_Sugarman.pdf</a>	
Prof. Jörg Halter	Ethical ways to increase donation of haematopoietic stem cells	Elger, Bernice, Cabrera, Laura	Bioethica Forum, 5(3), 92-99	2012	<a href="http://www.bioethica-forum.ch/docs/12_3/04_Elger.pdf">http://www.bioethica-forum.ch/docs/12_3/04_Elger.pdf</a>	
Prof. Jörg Halter	Histocompatibility testing for haematopoietic stem cell transplantation: at the frontier between clinical services and genetic research	Tiercy JM	Bioethica Forum, 5(3), 100-102	2012	<a href="http://www.bioethica-forum.ch/docs/12_3/05_Tiercy.pdf">http://www.bioethica-forum.ch/docs/12_3/05_Tiercy.pdf</a>	
Prof. Jörg Halter	Le don de cellules souches du sang	Halter, Jörg, Romagnoli, Simone	Bioethica Forum, 5(3), 87-87	2012	<a href="http://www.bioethica-forum.ch/docs/12_3/02_Editorial.pdf">http://www.bioethica-forum.ch/docs/12_3/02_Editorial.pdf</a>	
Prof. Jörg Halter	Règles de consentement pour l'utilisation d'échantillons biologique à des fins de recherche dans le cadre de la HSCT en Suisse	Romagnoli S, Bürkli P, Halter J	Bioethica Forum, 5(3), 103- 104	2012	<a href="http://www.bioethica-forum.ch/docs/12_3/06_Romagnoli.pdf">http://www.bioethica-forum.ch/docs/12_3/06_Romagnoli.pdf</a>	
Prof. Jörg Halter	Use of human embryonic stem cells and umbilical cord blood stem cells for research and therapy: a prospective survey among health care professionals and patients in Switzerland	Wagner AM, Krenger W, Holzgreve W, Bürkli P, Surbek D	Transfusion, 53(11), 2681-2689	2013	<a href="http://dx.doi.org/10.1111/trf.12137">http://dx.doi.org/10.1111/trf.12137</a>	<a href="http://edoc.unibas.ch/31490/">http://edoc.unibas.ch/31490/</a>
Prof. Jörg Halter	Allogeneic hematopoietic stem cell donation-standardized assessment of donor outcome data: a consensus statement from the Worldwide Network for Blood and Marrow Transplantation	Halter, JP, van Walraven, SM, Worel, N, Bengtsson M, Hägglund H, Nicoloso de Faveri G, Shaw BE, Schmidt AH, Fechter M, Madrigal A, Szer J, Aljurf MD, Weisdorf D, Horowitz MM, Greinix H, Niederwieser D, Gratwohl A, Kadera Y, Confer D	Bone Marrow Transplantation, 48(2), 220-225	2013	<a href="http://dx.doi.org/10.1038/bmt.2012.119">http://dx.doi.org/10.1038/bmt.2012.119</a>	<a href="http://edoc.unibas.ch/42246/">http://edoc.unibas.ch/42246/</a>
Prof. Jörg Halter	Quantitative and qualitative differences in use and trends of hematopoietic stem cell transplantation: a Global Observational Study	Gratwohl A, Baldomero H, Gratwohl M, Aljurf M, Bouzas LF, Horowitz MM, Kadera Y, Lipton J, Iida M, Pasquini MC, Passweg JR, Szer J, Madrigal A, Frauendorfer K, Niederwieser D	Haematologica, 98(8), 1282-1290	2013	<a href="http://dx.doi.org/10.3324/haematol.2012.076349">http://dx.doi.org/10.3324/haematol.2012.076349</a>	
Prof. Pedro Herrera	Normal glucagon signaling and $\beta$ -cell function after near-total $\alpha$ -cell ablation in adult mice	Fabrizio Thorel, Nicolas Damond, Simona Chera, Andreas Wiederkehr, Bernard Thorens, Paolo Meda, Claes B. Wollheim, Pedro L. Herrera	Diabetes, vol. 60 no. 11 2872-2882	2011	<a href="http://dx.doi.org/10.2337/db11-0876">http://dx.doi.org/10.2337/db11-0876</a>	<a href="https://archive-ouverte.unige.ch/unige:24821">https://archive-ouverte.unige.ch/unige:24821</a>
Prof. Pedro Herrera	$\beta$ -Cell regeneration: the pancreatic intrinsic faculty	Renaud Desgraza, Claire Bonala, Pedro L. Herrera	Trends in Endocrinology and Metabolism. 2011, vol. 22, no. 1, p. 34-43	2011	<a href="http://dx.doi.org/10.1016/j.tem.2010.09.004">http://dx.doi.org/10.1016/j.tem.2010.09.004</a>	<a href="http://archive-ouverte.unige.ch/unige:25186">http://archive-ouverte.unige.ch/unige:25186</a>
Prof. Pedro Herrera	Progenitor cell domains in the developing and adult pancreas	Kopp, JL, Dubois CL, Hao E, Thorel F, Herrera PL, Sander M	Cell Cycle, 10, 1921-1927	2011	<a href="http://dx.doi.org/10.4161/cc.10.12.16010">http://dx.doi.org/10.4161/cc.10.12.16010</a>	<a href="http://archive-ouverte.unige.ch/unige:25632">http://archive-ouverte.unige.ch/unige:25632</a>
Prof. Pedro Herrera	Multimodal image co-registration and inducible selective cell ablation to evaluate imaging ligands	Virostko J, Henske J, Vinet L, Lamprinou S, Dai C, Radhika A, Baldwin R, Ansari M, Hefti F, Skovron	Proceedings of the National Academy of Sciences. 2011, vol. 108, no. 51, 20719-24	2011	<a href="http://dx.doi.org/10.1073/pnas.1109480108">http://dx.doi.org/10.1073/pnas.1109480108</a>	<a href="http://archive-ouverte.unige.ch/unige:25165">http://archive-ouverte.unige.ch/unige:25165</a>
Prof. Pedro Herrera	The zinc finger protein ZBTB20 regulates transcription of fructose-1,6-bisphosphatase 1 and $\beta$ -cell function in mice	Zhang Y, Xie ZF, Zhou LT, Li L, Zhang H, Zhou GD, Ma XH, Herrera PL, Liu ZM, Grusby MJ, and Zhang WP	GASTROENTEROLOGY, 142, 1571-1580	2012	<a href="http://dx.doi.org/10.1053/j.gastro.2012.02.043">http://dx.doi.org/10.1053/j.gastro.2012.02.043</a>	<a href="http://archive-ouverte.unige.ch/unige:32136">http://archive-ouverte.unige.ch/unige:32136</a>

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Prof. Pedro Herrera	PPAR $\beta$ / $\delta$ affects pancreatic $\beta$ -cell mass and insulin secretion in mice	Iglesias J, Barg S, Vallois D, Lahiri S, Roger C, Yessoufou A, Pradervand S, Mc Donald A, Bonal C, D	The Journal of Clinical Investigation, 122 (11), 4105-4117	2012	<a href="http://dx.doi.org/10.1172/JCI42127">http://dx.doi.org/10.1172/JCI42127</a>	<a href="http://archive-ouverte.unige.ch/unige:32137">http://archive-ouverte.unige.ch/unige:32137</a>
Prof. Pedro Herrera	Nogo-A Downregulation Improves Insulin Secretion in Mice	Bonal CB, Baronnier DE, Pot C, Benkhoucha N, Schwab ME, Lalive PH, and Herrera PL	Diabetes, 62, 1443-1452	2013	<a href="http://dx.doi.org/10.2337/db12-0949">http://dx.doi.org/10.2337/db12-0949</a>	<a href="http://archive-ouverte.unige.ch/unige:32140">http://archive-ouverte.unige.ch/unige:32140</a>
Prof. Pedro Herrera	Diabetes recovery by age-dependent conversion of pancreatic $\delta$ -cells into insulin producers	Chera S, Baronnier D, Ghila L, Cigliola V, Jensen JN, Gu G, Furuyama K, Thorel F, Gribble FM, Reiman	Nature, 514(7523), 503-507	2014	<a href="http://dx.doi.org/10.1038/nature13633">http://dx.doi.org/10.1038/nature13633</a>	<a href="http://archive-ouverte.unige.ch/unige:55456">http://archive-ouverte.unige.ch/unige:55456</a>
Prof. Pedro Herrera	A Standardized Method for In Vivo Mouse Pancreas Imaging and Semiquantitative $\beta$ Cell Mass Measurement by Dual Isotope	Mathijs I, Xavier C, Peleman C, Cavelliers V, Brom M, Gotthardt M, Herrera PL, Lahoutte T, Bouwens L	Spect. Mol. Imaging Biol., 2015; 17(1): 58-66	2015	<a href="http://dx.doi.org/10.1007/s11307-014-0771-y">http://dx.doi.org/10.1007/s11307-014-0771-y</a>	<a href="http://archive-ouverte.unige.ch/unige:55461">http://archive-ouverte.unige.ch/unige:55461</a>
Prof. Pedro Herrera	CTGF modulates adult $\beta$ -cell maturity and proliferation to promote $\beta$ -cell regeneration in mice.	Riley KG, Pasek RC, Maulis MF, Peek J, Thorel F, Brigstock DR, Herrera PL, and Gannon M	Diabetes, 2015; 64:1284-98	2015	<a href="http://dx.doi.org/10.2337/db14-1195">http://dx.doi.org/10.2337/db14-1195</a>	<a href="http://archive-ouverte.unige.ch/unige:55457">http://archive-ouverte.unige.ch/unige:55457</a>
Prof. Pedro Herrera	Targeting GLP-1 receptors for repeated magnetic resonance imaging differentiates graded losses of pancreatic beta cells in mice	Vinet L, Lamprianou S, Babič A, Lange N, Thorel F, Herrera PL, Montet X, Meda P	Diabetologia, 2015; 58(2):304-12	2015	<a href="http://dx.doi.org/10.1007/s00125-014-3442-2">http://dx.doi.org/10.1007/s00125-014-3442-2</a>	<a href="http://archive-ouverte.unige.ch/unige:55458">http://archive-ouverte.unige.ch/unige:55458</a>
Prof. Pedro Herrera	The Zinc Transporter Slc30a8/ZnT8 Is Required in a Subpopulation of Pancreatic $\alpha$ -Cells for Hypoglycemia-induced Glucagon Secretion.	Solomou A, Meur G, Bellomo E, Hodson DJ, Tomas A, Migrenne Li S, Philippe E, Herrera PL, Magnan C and Rutter GA	J. Biol. Chem. 2015; 290(35):21432-42	2015	<a href="http://dx.doi.org/10.1074/jbc.M115.645291">http://dx.doi.org/10.1074/jbc.M115.645291</a>	<a href="http://archive-ouverte.unige.ch/unige:78241">http://archive-ouverte.unige.ch/unige:78241</a>
Prof. Pedro Herrera	LKB1 and AMPK $\alpha$ 1 are required in pancreatic alpha cells for the normal regulation of glucagon secretion and responses to hypoglycemia.	Sun G, da Silva Xavier G, Gorman T, Priest C, Solomou A, Hodson DJ, Foretz M, Viollet B, Herrera PL, Parker H, Reimann F, Gribble FM, Migrenne S, Magnan C, Marley A, and Rutter GA	Molecular Metabolism, 2015; 4(4):277-86	2015	<a href="http://dx.doi.org/10.1016/j.molmet.2015.01.006">http://dx.doi.org/10.1016/j.molmet.2015.01.006</a>	<a href="http://pure-oai.bham.ac.uk/ws/files/22604113/1_s2.0_S212877815000198_main.pdf">http://pure-oai.bham.ac.uk/ws/files/22604113/1_s2.0_S212877815000198_main.pdf</a>
Prof. Pedro Herrera	Lixisenatide accelerates restoration of normoglycemia and improves human beta-cell function and survival in diabetic immunodeficient NOD-scid IL-2rnull RIP-DTR mice engrafted with human islets.	Yang C, Loehn M, Jurczyk A, Przewozniak N, Leehy L, Herrera PL, Shultz LD, Greiner DL, Harlan DM, and Bortell R	Diabetes Metab Syndr Obes. 2015; 8:387-98	2015	<a href="http://dx.doi.org/10.2147/DMSO.S87253">http://dx.doi.org/10.2147/DMSO.S87253</a>	<a href="http://archive-ouverte.unige.ch/unige:80783">http://archive-ouverte.unige.ch/unige:80783</a>
Prof. Pedro Herrera	Lack of Prox1 Downregulation Disrupts the Expansion and Maturation of Postnatal Murine $\beta$ -cells.	Paul L, Walker EM, Drosos Y, Cyphert HA, Neale G, Stein R, South J, Grosveld G, Herrera PL, and Sosa-Pineda B	Diabetes 2016 Mar; 65(3): 687-698	2016	<a href="http://dx.doi.org/10.2337/db15-0713">http://dx.doi.org/10.2337/db15-0713</a>	<a href="http://archive-ouverte.unige.ch/unige:84015">http://archive-ouverte.unige.ch/unige:84015</a>
Prof. Pedro Herrera	A Variant of GJD2, Encoding for Connexin 36, Alters the Function of Insulin Producing $\beta$ -Cells.	Cigliola V, Populaire C, Pierri CL, Deutsch S, Haefliger JA, Fadista J, Lyssenko V, Groop L, Ruedi R, Thorel F, Herrera PL*, and Meda P* (* Equal senior authorship)	PLoS ONE. 2016 Mar 9;11(3):e0150880	2016	<a href="http://dx.doi.org/10.1371/journal.pone.0150880">http://dx.doi.org/10.1371/journal.pone.0150880</a>	<a href="http://archive-ouverte.unige.ch/unige:84016">http://archive-ouverte.unige.ch/unige:84016</a>
Prof. Pedro Herrera	Stress-impaired transcription factor expression and insulin secretion in transplanted human islets	Dai C, Kayton NS, Shostak A, Poffenberger G, Cyphert HA, Aramandla R, Thompson C, Papagiannis IG, Emfinger C, Shiota M, Stafford JM, Greiner DL, Herrera PL, Shultz LD, Stein R, and Powers AC	J Clin Invest. 2016; 126(5): 1857–1870	2016	<a href="http://dx.doi.org/10.1172/JCI83657">http://dx.doi.org/10.1172/JCI83657</a>	<a href="http://archive-ouverte.unige.ch/unige:84017">http://archive-ouverte.unige.ch/unige:84017</a>
Prof. Pedro Herrera	Blockade of glucagon signaling prevents or reverses diabetes onset only if residual $\beta$ -cells persist	Damond N, Thorel F, Moyers JS, Charron MJ, Vuguin PM, Powers AC, and Herrera PL	eLife 2016;5:e13828	2016	<a href="http://dx.doi.org/10.7554/eLife.13828">http://dx.doi.org/10.7554/eLife.13828</a>	<a href="http://archive-ouverte.unige.ch/unige:84018">http://archive-ouverte.unige.ch/unige:84018</a>
Prof. Pedro Herrera	Regeneration of Pancreatic Insulin-Producing Cells by In Situ Adaptive Cell Conversion.	Chera S, and Herrera PL	Current Opinion Genetics & Development 40: 1-10	2016	<a href="http://dx.doi.org/10.1016/j.gde.2016.05.010">http://dx.doi.org/10.1016/j.gde.2016.05.010</a>	
Prof. Pedro Herrera	Stress-Induced Adaptive Islet Cell Identity Changes.	Cigliola V, Thorel F, Chera S, and Herrera PL	Diabetes, obesity and metabolism	2016	(in press)	(in press)
Prof. Georg Holländer	Population and single-cell genomics reveal the Aire dependency, relief from Polycomb silencing, and distribution of self-antigen expression in thymic epithelia	Stephen N. Sansom, Noriko Shikama-Dorn, Saule Zhanybekova, Gretel Nusspaumer, Iain C. Macaulay, Mary E. Deadman, Andreas Heger, Chris P. Ponting, Georg A. Holländer	Genome Research, 24, 1918-1931	2014	<a href="http://dx.doi.org/10.1101/gr.171645.113">http://dx.doi.org/10.1101/gr.171645.113</a>	<a href="http://edoc.unibas.ch/dok/A6438741">http://edoc.unibas.ch/dok/A6438741</a>
Prof. Georg Holländer	Foxn1 choreographs thymic lymphostromal cross-talk	Zuklys S, Handel A, Zhanybekova S, Govani F, Keller M, Maio S, Mayer CE, The HY, Hafen K, Gallone G, Barthlott T, Ponting CP, Holländer GA.	Nature Immunology (accepted)	2016	(accepted)	(accepted)
Prof. Ralph Müller	Mechanical stimulation of fibroblasts in micro-channeled bacterial cellulose scaffolds enhances production of oriented collagen fibers	Martinez, H., Brackmann, C., Enejder, A., Gatenholm, P	Journal of Biomedical Materials Research: Part A, 100, 4, 948– 957	2012	<a href="http://dx.doi.org/10.1002/jbm.a.34035">http://dx.doi.org/10.1002/jbm.a.34035</a>	
Prof. Ralph Müller	Description of a novel approach to engineer cartilage with porous bacterial nanocellulose for reconstruction of a human auricle	Eva-Maria Feldmann, JF Sundberg, B Bobbili, S Schwarz, P Gatenholm and N Rotter	Journal of Biomaterials Applications Nov;28(4):626-40	2013	<a href="http://dx.doi.org/10.1177/0885328212472547">http://dx.doi.org/10.1177/0885328212472547</a>	
Prof. Ralph Müller	Mechanical evaluation of bacterial nanocellulose as an implant material for ear cartilage replacement	L. Nimeskern, H. Martinez, J. Sundberg, P. Gatenholm, R. Müller and K. S. Stok	Journal of the Mechanical Behavior of Biomedical Materials, Volume 22, June 2013, Pages 12–21	2013	<a href="http://dx.doi.org/10.1016/j.jmbbm.2013.03.005">http://dx.doi.org/10.1016/j.jmbbm.2013.03.005</a>	<a href="http://e-collection.library.ethz.ch/view/eth:48436">http://e-collection.library.ethz.ch/view/eth:48436</a>
Prof. Ralph Müller	Quantitative Evaluation of Mechanical Properties in Tissue-Engineered Auricular Cartilage	L. Nimeskern, R. Müller and K. S. Stok	Tissue Engineering Part B: Reviews, February 2014, 20(1): 17-27	2013	<a href="http://dx.doi.org/10.1089/ten.TEB.2013.0117">http://dx.doi.org/10.1089/ten.TEB.2013.0117</a>	<a href="http://e-collection.library.ethz.ch/view/eth:48443">http://e-collection.library.ethz.ch/view/eth:48443</a>

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Prof. Ralph Müller	Biocompatibility evaluation of densified bacterial nanocellulose hydrogel as an implant material for auricular cartilage regeneration	Martínez Ávila H1, Schwarz S, Feldmann EM, Mantas A, von Bomhard A, Gatenholm P, Rotter N.	Appl Microbiol Biotechnol. 2014 Sep;98(17):7423-35	2014	<a href="http://dx.doi.org/10.1007/s00253-014-5819-z">http://dx.doi.org/10.1007/s00253-014-5819-z</a>	
Prof. Ralph Müller	Magnetic Resonance Imaging of the Ear for Patient-Specific Reconstructive Surgery	Luc Nimeskern, Eva-Maria Feldmann, Willy Kuo, Silke Schwarz, Eva Goldberg-Bockhorn, Susanne Dürr, Ralph Müller, Nicole Rotter, Kathryn S. Stok	PLoS ONE 9(8): e10497	2014	<a href="http://dx.doi.org/10.1371/journal.pone.0104975">http://dx.doi.org/10.1371/journal.pone.0104975</a>	<a href="http://e-collection.library.ethz.ch/view/eth:47852">http://e-collection.library.ethz.ch/view/eth:47852</a>
Prof. Ralph Müller	The in vitro and in vivo capacity of culture-expanded human cells from several sources encapsulated in alginate to form cartilage	M.M. Pleumeekers, L. Nimeskern, W.L.M. Koevoet, N. Kops, R.M.L. Poublon, K. S. Stok, G.J.V.M. van Osch	Eur. Cells. Mater, 27:265-280	2014	<a href="http://dx.doi.org/10.3929/ethz-a-010471470">http://dx.doi.org/10.3929/ethz-a-010471470</a>	<a href="http://e-collection.library.ethz.ch/view/eth:47853">http://e-collection.library.ethz.ch/view/eth:47853</a>
Prof. Ralph Müller	Response to Letter to the Editor Concerning, "Quantitative evaluation of mechanical properties in tissue-engineered auricular cartilage"	L. Nimeskern, N. Rotter, G.J.V.M van Osch, R. Müller and K.S. Stok	Tissue Eng Part B Rev. 21(2): 244-245	2015	<a href="http://dx.doi.org/10.1089/ten.teb.2014.0517">http://dx.doi.org/10.1089/ten.teb.2014.0517</a>	
Prof. Ralph Müller	Novel bilayer bacterial nanocellulose scaffold supports neocartilage formation in vitro and in vivo	H. Martínez Ávila, E. Feldmann, M.M. Pleumeekers, L. Nimeskern, W. Kuo, W.C. de Jong, S. Schwarz, R. Müller, J. Hendriks, N. Rotter, G.J.V.M. van Osch, K.S. Stok and P. Gatenholm	Biomaterials, 44:122-133	2015	<a href="http://dx.doi.org/10.1016/j.biomaterials.2014.12.025">http://dx.doi.org/10.1016/j.biomaterials.2014.12.025</a>	<a href="http://e-collection.library.ethz.ch/view/eth:48442">http://e-collection.library.ethz.ch/view/eth:48442</a>
Prof. Ralph Müller	Cartilage regeneration in the head and neck area: Combination of ear or nasal chondrocytes and mesenchymal stem cells improves cartilage production	M.M. Pleumeekers, L. Nimeskern, W.L.M. Koevoet, M.Karperien, K.S. Stok and G.J.V.M. van Osch	Plast Reconstr Surg. 2015 Dec;136(6):762e-74e	2015	<a href="http://dx.doi.org/10.1097/PRS.0000000000001812">http://dx.doi.org/10.1097/PRS.0000000000001812</a>	
Prof. Ralph Müller	Mechanical and biochemical mapping of human auricular cartilage for reliable assessment of tissue-engineered constructs	L. Nimeskern, M.M. Pleumeekers, D.J. Pawson, W.L.M. Koevoet, I. Lehtoviita, M.B. Soyka, C. Röööli, D. Holzmann, G.J.V.M. van Osch, R. Müller and K.S. Stok	J Biomech. 2015 Jul 16;48(10):1721-9	2015	<a href="http://dx.doi.org/10.1016/j.jbiomech.2015.05.019">http://dx.doi.org/10.1016/j.jbiomech.2015.05.019</a>	
Prof. Ralph Müller	Tissue composition regulates distinct viscoelastic responses in auricular and articular cartilage	L. Nimeskern, L. Utomo, I. Lehtoviita, G. Fessel, J. G. Snedeker, G. J. V. M. Van Osch, R. Müller and K.S. Stok	J. Biomech, 49(3):344-352, 2016.	2016	<a href="http://dx.doi.org/10.1016/j.jbiomech.2015.12.032">http://dx.doi.org/10.1016/j.jbiomech.2015.12.032</a>	
Prof. Ralph Müller	The trophic effect of mesenchymal stem cells on chondrocytes	M.M. Pleumeekers, L. Nimeskern, W.L.M. Koevoet, N. Kops, M. Karperien, K.S. Stok, G.J.V.M. van Osch	prepared for submission			
Prof. Thierry Pedrazzini	Small and long non-coding RNAs in cardiac homeostasis and regeneration	Samir Ounzain, Stefania Crippa, Thierry Pedrazzini	Biochim Biophys Acta, 1833, 923-933	2013	<a href="http://dx.doi.org/10.1016/j.bbamcr.2012.08.010">http://dx.doi.org/10.1016/j.bbamcr.2012.08.010</a>	<a href="http://serval.unil.ch/?id=serval:BIB_5E27F4E20950">http://serval.unil.ch/?id=serval:BIB_5E27F4E20950</a>
Prof. Thierry Pedrazzini	The promise of enhancer-associated long noncoding RNAs in cardiac regeneration	Ounzain, Samir, Pedrazzini, Thierry	Trends in Cardiovascular Medicine	2014	<a href="http://dx.doi.org/10.1016/j.tcm.2015.01.014">http://dx.doi.org/10.1016/j.tcm.2015.01.014</a>	
Prof. Thierry Pedrazzini	Functional importance of cardiac enhancer-associated noncoding RNAs in heart development and disease	Ounzain, Samir, Pezzuto, Iole, Micheletti, Rudi, Burdet, Frédéric, Sheta, Razan, Nemir, Mohamed, Gonzales, Christine I., Sarre, Alexandre, Alexanian, Michael, Blow, Matthew J., May, Dalit, Johnson, Rory A., Dauvillier, Jérôme, Pennacchio, Len A., Pedrazzini, Thierry	Journal of Molecular and Cellular Cardiology, 76 (2014), 55-70	2014	<a href="http://dx.doi.org/10.1016/j.yjmcc.2014.08.009">http://dx.doi.org/10.1016/j.yjmcc.2014.08.009</a>	<a href="http://serval.unil.ch/?id=serval:BIB_12D4EA4E6C03">http://serval.unil.ch/?id=serval:BIB_12D4EA4E6C03</a>
Prof. Thierry Pedrazzini	The Notch pathway controls fibrotic and regenerative repair in the adult heart	Nemir, Mohamed, Metrich, Mélanie, Plaisance, Isabelle, Lepore, Mario, Cruchet, Steeve, Berthonneche, Corinne, Sarre, Alexandre, Radtke, Freddy, Pedrazzini, Thierry	European heart journal, 35(32), 2174-85	2014	<a href="http://dx.doi.org/10.1093/eurheartj/ehs269">http://dx.doi.org/10.1093/eurheartj/ehs269</a>	<a href="http://serval.unil.ch/?id=serval:BIB_B76C065F585">http://serval.unil.ch/?id=serval:BIB_B76C065F585</a>
Prof. Thierry Pedrazzini	In the heart of noncoding RNA: a long way to go	Pedrazzini, Thierry	Médecine sciences : M/S, 31(3), 261-7	2015	<a href="http://dx.doi.org/10.1051/medsci/20153103011">http://dx.doi.org/10.1051/medsci/20153103011</a>	<a href="http://serval.unil.ch/?id=serval:BIB_B2CD2BE286E3">http://serval.unil.ch/?id=serval:BIB_B2CD2BE286E3</a>
Prof. Thierry Pedrazzini	Long noncoding RNAs in cardiac development and ageing	Devaux, Yvan, Zangrando, Jennifer, Schroen, Blanche, Creemers, Esther E, Pedrazzini, Thierry, Chang, Ching-Pin, Dorn, Gerald W, Thum, Thomas, Heymans, Stephane, Cardiolinc network	Nature reviews. Cardiology	2015	<a href="http://dx.doi.org/10.1038/nrcardio.2015.55">http://dx.doi.org/10.1038/nrcardio.2015.55</a>	<a href="http://serval.unil.ch/?id=serval:BIB_87CD8900F409">http://serval.unil.ch/?id=serval:BIB_87CD8900F409</a>
Prof. Thierry Pedrazzini	Super-enhancer Lncs to cardiovascular development and disease	Samir Ounzain, Thierry Pedrazzini	Biochim Biophys Acta. 2016 Jul;1863(7 Pt B):1953-60.	2016	<a href="http://dx.doi.org/10.1016/j.bbamcr.2015.11.026">http://dx.doi.org/10.1016/j.bbamcr.2015.11.026</a>	
Dr. Antoine Peters	Polycomb function during oogenesis is required for mouse embryonic development	Posfai, Eszter, Kunzmann, Rico, Brochard, Vincent, Salvaing, Juliette, Cabuy, Erik, Roloff, Tim C, Liu, Zichuan, Tardat, Mathieu, van Lohuizen, Maarten, Vidal, Miguel, Beaujean, Nathalie, Peters, Antoine H F M	Genes & development, 26(9), 920-32	2012	<a href="http://dx.doi.org/10.1101/gad.188094.112">http://dx.doi.org/10.1101/gad.188094.112</a>	<a href="http://edoc.unibas.ch/40113/">http://edoc.unibas.ch/40113/</a>
Dr. Antoine Peters	Parental epigenetic control of embryogenesis: a balance between inheritance and reprogramming?	Gill, Mark E, Erkek, Serap, Peters, Antoine H F M	Current opinion in cell biology, 24(3), 387-96	2012	<a href="http://dx.doi.org/10.1016/j.ceb.2012.03.002">http://dx.doi.org/10.1016/j.ceb.2012.03.002</a>	<a href="http://edoc.unibas.ch/40457/">http://edoc.unibas.ch/40457/</a>
Dr. Antoine Peters	Crucial role of Polycomb proteins from maternal origin in mouse early embryonic development	Salvaing, Juliette, Posfai, Eszter, Peters, Antoine H F M, Beaujean, Nathalie	Médecine sciences : M/S, 28(12), 1047-9	2012	<a href="http://dx.doi.org/10.1051/medsci/20122812009">http://dx.doi.org/10.1051/medsci/20122812009</a>	

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Project Leader	Title of publication	Authors	Published in	Year	DOI	Repository (open access)
Dr. Antoine Peters	Molecular determinants of nucleosome retention at CpG-rich sequences in mouse spermatozoa	Erkek, Serap, Hisano, Mizue, Liang, Ching-Yeu, Gill, Mark, Murr, Rabih, Dieker, Jürgen, Schübeler, Dirk, van der Vlag, Johan, Stadler, Michael B, Peters, Antoine H F M	Nature structural & molecular biology, 20(7), 868-75	2013	<a href="http://dx.doi.org/10.1038/nsmb.2599">http://dx.doi.org/10.1038/nsmb.2599</a>	<a href="http://edoc.unibas.ch/40111/">http://edoc.unibas.ch/40111/</a>
Dr. Antoine Peters	Genome-wide chromatin analysis in mature mouse and human spermatozoa	Hisano, Mizue, Erkek, Serap, Dessus-Babus, Sophie, Ramos, Liliana, Stadler, Michael B, Peters, Antoine H F M	Nature protocols, 8(12), 2449-70	2013	<a href="http://dx.doi.org/10.1038/nprot.2013.145">http://dx.doi.org/10.1038/nprot.2013.145</a>	
Dr. Antoine Peters	PRC1 coordinates timing of sexual differentiation of female primordial germ cells	Yokobayashi, Shihori, Liang, Ching-Yeu, Kohler, Hubertus, Nestorov, Peter, Liu, Zichuan, Vidal, Miguel, van Lohuizen, Maarten, Roloff, Tim C, Peters, Antoine H F M	Nature, 495(7440), 236-40	2013	<a href="http://dx.doi.org/10.1038/nature11918">http://dx.doi.org/10.1038/nature11918</a>	<a href="http://edoc.unibas.ch/40112/">http://edoc.unibas.ch/40112/</a>
Dr. Antoine Peters	H3K9/HP1 and Polycomb: two key epigenetic silencing pathways for gene regulation and embryo development	Nestorov, Peter, Tardat, Mathieu, Peters, Antoine H F M	Current topics in developmental biology, 104, 243-91	2013	<a href="http://dx.doi.org/10.1016/B978-0-12-416027-9.00008-5">http://dx.doi.org/10.1016/B978-0-12-416027-9.00008-5</a>	
Dr. Antoine Peters	Cbx2 Targets PRC1 to Constitutive Heterochromatin in Mouse Zygotes in a Parent-of-Origin-Dependent Manner	Tardat, Mathieu, Albert, Mareike, Kunzmann, Rico, Liu, Zichuan, Kaustov, Lilia, Thierry, Raphael, Duan, Shili, Brykczynska, Urszula, Arrowsmith, Cheryl H, Peters, Antoine H F M	Molecular cell, 58(1), 157-71	2015	<a href="http://dx.doi.org/10.1016/j.molcel.2015.02.013">http://dx.doi.org/10.1016/j.molcel.2015.02.013</a>	<a href="http://edoc.unibas.ch/40114/">http://edoc.unibas.ch/40114/</a>
Dr. Antoine Peters	Dynamic expression of chromatin modifiers during developmental transitions in mouse preimplantation embryos	Peter Nestorov, Hans-Rudolf Hotz, Zichuan Liu, Antoine H.F.M. Peters	Scientific Reports 5, Article number: 14347 (2015)	2015	<a href="http://dx.doi.org/10.1038/srep14347">http://dx.doi.org/10.1038/srep14347</a>	<a href="http://edoc.unibas.ch/40458/">http://edoc.unibas.ch/40458/</a>
Dr. Olivier Raineteau	Sequential generation of olfactory bulb glutamatergic neurons by Neurog2-expressing precursor cells	Winpenny E1, Lebel-Potter M, Fernandez ME, Brill MS, Götz M, Guillemot F, Raineteau O	Neural Development, 6(12), 1-18	2011	<a href="http://dx.doi.org/10.1186/1749-8104-6-12">http://dx.doi.org/10.1186/1749-8104-6-12</a>	
Dr. Olivier Raineteau	Targeted electroporation of defined lateral ventricular walls: a novel and rapid method to study fate specification during postnatal forebrain neurogenesis	Fernández, María E.; Croce Simona; Boutin, Camille; Cremer, Harold and Raineteau Olivier	Neural Development, 6(13), 1-12	2011	<a href="http://dx.doi.org/10.1186/1749-8104-6-13">http://dx.doi.org/10.1186/1749-8104-6-13</a>	
Dr. Olivier Raineteau	Intraventricular injection of FGF-2 promotes generation of oligodendrocyte-lineage cells in the postnatal and adult forebrain	Azim, Kasum, Raineteau, Olivier, Butt, Arthur M	Glia, 60(12), 1977- 90	2012	<a href="http://dx.doi.org/10.1002/glia.22413">http://dx.doi.org/10.1002/glia.22413</a>	
Dr. Olivier Raineteau	3-dimensional examination of the adult mouse subventricular zone reveals lineage-specific microdomains	Azim, Kasum, Fiorelli, Roberto, Zweifel, Stefan, Hurtado-Chong, Anahi, Yoshikawa, Kazuaki, Slomianka, Lutz, Raineteau, Olivier	PloS one, 7(11), 49087-49087	2012	<a href="http://dx.doi.org/10.1371/journal.pone.0049087">http://dx.doi.org/10.1371/journal.pone.0049087</a>	<a href="http://www.zora.uzh.ch/73556/">http://www.zora.uzh.ch/73556/</a>
Dr. Olivier Raineteau	Early Decline in Progenitor Diversity in the Marmoset Lateral Ventricle	Azim, Kasum, Zweifel, Stefan, Klaus, Fabienne, Yoshikawa, Kazuaki, Amrein, Irmgard, Raineteau, Olivier	Cereb. Cortex (2013) 23 (4): 922-931	2013	<a href="http://dx.doi.org/10.1093/cercor/bhs085">http://dx.doi.org/10.1093/cercor/bhs085</a>	<a href="http://www.zora.uzh.ch/73558/">http://www.zora.uzh.ch/73558/</a>
Dr. Olivier Raineteau	GSK3β regulates oligodendrogenesis in the dorsal microdomain of the subventricular zone via Wnt-β-catenin signaling	Azim, Kasum, Rivera, Andrea, Raineteau, Olivier, Butt, Arthur M	Glia, 62(5), 778-9	2014	<a href="http://dx.doi.org/10.1002/glia.22641">http://dx.doi.org/10.1002/glia.22641</a>	
Dr. Olivier Raineteau	Persistent Wnt/β-Catenin Signaling Determines Dorsalization of the Postnatal Subventricular Zone and Neural Stem Cell Specification into Oligodendrocytes and Glutamatergic Neurons	Azim, Kasum, Fischer, Bruno, Hurtado-Chong, Anahi, Draganova, Kalina, Cantù, Claudio, Zemke, Martina, Sommer, Lukas, Butt, Arthur, Raineteau, Olivier	Stem cells (Dayton, Ohio), 32(5), 1301-12	2014	<a href="http://dx.doi.org/10.1002/stem.1639">http://dx.doi.org/10.1002/stem.1639</a>	<a href="http://www.zora.uzh.ch/100774/">http://www.zora.uzh.ch/100774/</a>
Dr. Olivier Raineteau	Transcriptional Hallmarks of Heterogeneous Neural Stem Cell Niches of the Subventricular Zone	Azim, Kasum, Hurtado-Chong, Anahi, Fischer, Bruno, Kumar, Nitin, Zweifel, Stefan, Taylor, Verdon, Raineteau, Olivier	Stem cells (Dayton, Ohio), Epub ahead of print	2015	<a href="http://dx.doi.org/10.1002/stem.2017">http://dx.doi.org/10.1002/stem.2017</a>	
Dr. Olivier Raineteau	Adding a spatial dimension to postnatal ventricular-subventricular zone neurogenesis	Fiorelli, Roberto, Azim, Kasum, Fischer, Bruno, Raineteau, Olivier	Development 2015 142: 2109-2120	2015	<a href="http://dx.doi.org/10.1242/dev.119966">http://dx.doi.org/10.1242/dev.119966</a>	
Dr. Olivier Raineteau	Septo-temporal distribution and lineage progression of hippocampal neurogenesis in a primate (Callithrix jacchus) in comparison to mice	Irmgard Amrein, Michael Nosswitz, Lutz Slomianka, R. Maarten van Dijk, Stefanie Engler, Fabienne Klaus, Olivier Raineteau and Kasum Azim	Frontiers in Neuroanatomy (9)85	2015	<a href="http://dx.doi.org/10.3389/fnana.2015.00085">http://dx.doi.org/10.3389/fnana.2015.00085</a>	<a href="http://www.zora.uzh.ch/122503/">http://www.zora.uzh.ch/122503/</a>
Dr. Olivier Raineteau	Mosaic Subventricular Origins of Forebrain Oligodendrogenesis	Kasum Azim 1*, Benedikt Berninger 1 and Olivier Raineteau 2	Frontiers in neuroscience 10(365)	2016	<a href="http://dx.doi.org/10.3389/fnins.2016.00107">http://dx.doi.org/10.3389/fnins.2016.00107</a>	
Dr. Olivier Raineteau	Pharmacogenomic identification of small molecules for lineage specific manipulation of subventricular zone germinal activity	Kasum Azim, Diane Angonin , Guillaume Marcy, Francesca Pieropan, Andrea Rivera, Vanessa Donega, Claudio Cantù, Gareth Williams, Benedikt Berninger, Arthur M. Butt, Olivier Raineteau	PloS Biol 15(3): e2000698	2017	<a href="https://doi.org/10.1371/journal.pbio.2000698">https://doi.org/10.1371/journal.pbio.2000698</a>	
Prof. Heinrich Reichert	Drosophila neural stem cells: cell cycle control of self-renewal, differentiation and termination in brain development	Reichert H.	Cell Cycle in Development, Results Probl Cell Differ 53:529-546	2011	<a href="http://dx.doi.org/10.1007/978-3-642-19065-0_21">http://dx.doi.org/10.1007/978-3-642-19065-0_21</a>	<a href="http://edoc.unibas.ch/dok/A5844177">http://edoc.unibas.ch/dok/A5844177</a>
Prof. Heinrich Reichert	Genome-wide analysis of self-renewal in Drosophila neural stem cells by transgenic RNAi	Neumüller, Ralph A, Richter, Constance, Fischer, Anja, Novatchkova, Maria, Neumüller, Klaus G, Knoblich, Juergen A	Cell stem cell, 8(5), 580-93	2011	<a href="http://dx.doi.org/10.1016/j.stem.2011.02.022">http://dx.doi.org/10.1016/j.stem.2011.02.022</a>	

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Prof. Heinrich Reichert	Mechanisms for complexity in the brain: generating the insect central complex	Boyan, George S, Reichert, Heinrich	Trends in neurosciences, 34(5), 247-57	2011	<a href="http://dx.doi.org/10.1016/j.tins.2011.02.002">http://dx.doi.org/10.1016/j.tins.2011.02.002</a>	<a href="http://edoc.unibas.ch/dok/A5844180">http://edoc.unibas.ch/dok/A5844180</a>
Prof. Heinrich Reichert	Multipotent neural stem cells generate glial cells of the central complex through transit amplifying intermediate progenitors in <i>Drosophila</i> brain development	Viktorin, Gudrun, Riebli, Nadia, Popkova, Anna, Giangrande, Angela, Reichert, Heinrich	Developmental biology, 356(2), 553-65	2011	<a href="http://dx.doi.org/10.1016/j.ydbio.2011.06.013">http://dx.doi.org/10.1016/j.ydbio.2011.06.013</a>	<a href="http://edoc.unibas.ch/dok/A5844176">http://edoc.unibas.ch/dok/A5844176</a>
Prof. Heinrich Reichert	FACS purification and transcriptome analysis of <i>Drosophila</i> neural stem cells reveals a role for Klumpfuss in self-renewal	Berger C, Harzer H, Burkhard T, Steinmann J, van der Horst S, Laurenson AS, Novatchkova M, Reichert H, Knoblich J	Cell Reports 2:1-12	2012	<a href="http://dx.doi.org/10.1016/j.celrep.2012.07.008">http://dx.doi.org/10.1016/j.celrep.2012.07.008</a>	<a href="http://edoc.unibas.ch/dok/A6008478">http://edoc.unibas.ch/dok/A6008478</a>
Prof. Heinrich Reichert	Targeted transgenic RNAi knockdown of cell fate determinants induces neoplastic tumor growth and metastasis in a <i>Drosophila</i> transplantation model of neural stem cell derived cancer	Laurenson, Anne-Sophie; Saini, Nidhi; Jiang, Yanrui; Reichert, Heinrich	Stem Cell Research & Therapy, S12, 1-8	2012	<a href="http://dx.doi.org/10.4172/2157-7633.S12-002">http://dx.doi.org/10.4172/2157-7633.S12-002</a>	<a href="http://edoc.unibas.ch/dok/A6002542">http://edoc.unibas.ch/dok/A6002542</a>
Prof. Heinrich Reichert	Neural stem cells in <i>Drosophila</i> : Molecular genetic mechanisms underlying normal neural proliferation and abnormal brain tumor formation	Saini, Nidhi; Reichert, Heinrich	Stem Cells International, 2012, 1-10	2012	<a href="http://dx.doi.org/10.1155/2012/486169">http://dx.doi.org/10.1155/2012/486169</a>	<a href="http://edoc.unibas.ch/dok/A6002789">http://edoc.unibas.ch/dok/A6002789</a>
Prof. Heinrich Reichert	Programmed cell death in type II neuroblast lineages is required for central complex development in the <i>Drosophila</i> brain	Jiang, Yanrui, Reichert, Heinrich	Neural development, 7, 3(1-14)	2012	<a href="http://dx.doi.org/10.1186/1749-8104-7-3">http://dx.doi.org/10.1186/1749-8104-7-3</a>	<a href="http://edoc.unibas.ch/dok/A6002537">http://edoc.unibas.ch/dok/A6002537</a>
Prof. Heinrich Reichert	A multipotent transit-amplifying neuroblast lineage in the central brain gives rise to optic lobe glial cells in <i>Drosophila</i>	Viktorin G, Riebli N, Reichert H	Developmental biology, 379(2), 182-94	2013	<a href="http://dx.doi.org/10.1016/j.ydbio.2013.04.020">http://dx.doi.org/10.1016/j.ydbio.2013.04.020</a>	<a href="http://edoc.unibas.ch/dok/A6146145">http://edoc.unibas.ch/dok/A6146145</a>
Prof. Heinrich Reichert	Analysis of neural stem cell self-renewal and differentiation by transgenic RNAi in <i>Drosophila</i>	Jiang, Yanrui, Reichert, Heinrich	Archives of biochemistry and biophysics, 534(1-2), 38-43	2013	<a href="http://dx.doi.org/10.1016/j.abb.2012.08.003">http://dx.doi.org/10.1016/j.abb.2012.08.003</a>	<a href="http://edoc.unibas.ch/dok/A6043865">http://edoc.unibas.ch/dok/A6043865</a>
Prof. Heinrich Reichert	Insights into brain development and disease from neurogenetic analyses in <i>Drosophila melanogaster</i>	Reichert H.	Journal of Biosciences 39:505-603	2014	<a href="http://dx.doi.org/10.1007/s12038-014-9444-x">http://dx.doi.org/10.1007/s12038-014-9444-x</a>	<a href="http://edoc.unibas.ch/dok/A6298939">http://edoc.unibas.ch/dok/A6298939</a>
Prof. Heinrich Reichert	A regulatory transcriptional loop controls proliferation and differentiation in <i>Drosophila</i> neural stem cells	Yasugi, Tetsuo, Fischer, Anja, Jiang, Yanrui, Reichert, Heinrich, Knoblich, Juergen A	PloS one, 9(5), 97034-97034	2014	<a href="http://dx.doi.org/10.1371/journal.pone.0097034">http://dx.doi.org/10.1371/journal.pone.0097034</a>	<a href="http://edoc.unibas.ch/dok/A6263197">http://edoc.unibas.ch/dok/A6263197</a>
Prof. Heinrich Reichert	SWI/SNF complex prevents lineage reversion and induces temporal patterning in neural stem cells.	Eroglu, Elif, Burkard, Thomas R, Jiang, Yanrui, Saini, Nidhi, Homem, Catarina C F, Reichert, Heinrich, Knoblich, Juergen A	Cell 156(6), 1259-73	2014	<a href="http://dx.doi.org/10.1016/j.cell.2014.01.053">http://dx.doi.org/10.1016/j.cell.2014.01.053</a>	<a href="http://edoc.unibas.ch/dok/A6243473">http://edoc.unibas.ch/dok/A6243473</a>
Prof. Heinrich Reichert	<i>Drosophila</i> neural stem cells in brain development and tumor formation	Jiang, Yanrui, Reichert, Heinrich	Journal of neurogenetics, 28(3-4), 181-9	2014	<a href="http://dx.doi.org/10.3109/01677063.2014.898639">http://dx.doi.org/10.3109/01677063.2014.898639</a>	<a href="http://edoc.unibas.ch/dok/A6271908">http://edoc.unibas.ch/dok/A6271908</a>
Prof. Heinrich Reichert	Neuroblasts: Maintaining neural stem cell identity in the brain	Yanrui Jiang, Heinrich Reichert	eLife 2014;3:e05000	2014	<a href="http://dx.doi.org/10.7554/eLife.05000">http://dx.doi.org/10.7554/eLife.05000</a>	
Prof. Heinrich Reichert	Control of neural stem cell self-renewal and differentiation in <i>Drosophila</i>	Kang, Kyung Hwa, Reichert, Heinrich	Cell and tissue research, 359(1), 33-45	2015	<a href="http://dx.doi.org/10.1007/s00441-014-1914-9">http://dx.doi.org/10.1007/s00441-014-1914-9</a>	<a href="http://edoc.unibas.ch/dok/A6348153">http://edoc.unibas.ch/dok/A6348153</a>
Prof. Lukas Sommer	Wnt1 and BMP2: two factors recruiting multipotent neural crest progenitors isolated from adult bone marrow	Glejzer, A, Laudet, E, Leprince, P, Hennuy, B, Poulet, C, Shakhova, O, Sommer, L, Rogister, B, Wislet-Gendebien, S	Cellular and molecular life sciences : CMLS, 68(12), 2101-14	2011	<a href="http://dx.doi.org/10.1007/s00018-010-0558-5">http://dx.doi.org/10.1007/s00018-010-0558-5</a>	<a href="http://www.zora.uzh.ch/115993/">http://www.zora.uzh.ch/115993/</a>
Prof. Lukas Sommer	In vivo tumorigenesis was observed after injection of in vitro expanded neural crest stem cells isolated from adult bone marrow	Wislet-Gendebien, Sabine, Poulet, Christophe, Neirinckx, Virginie, Hennuy, Benoit, Swingland, James T, Laudet, Emerence, Sommer, Lukas, Shakhova, Olga, Bours, Vincent, Rogister, Bernard	PloS one, 7(10), 46425-46425	2012	<a href="http://dx.doi.org/10.1371/journal.pone.0046425">http://dx.doi.org/10.1371/journal.pone.0046425</a>	<a href="http://www.zora.uzh.ch/75431/">http://www.zora.uzh.ch/75431/</a>
Prof. Lukas Sommer	Temporal control of neural crest lineage generation by Wnt/ $\beta$ -catenin signaling	Hari, Lissette, Miescher, Iris, Shakhova, Olga, Suter, Ueli, Chin, Lynda, Taketo, Makoto, Richardson, William D, Kessar, Nicoletta, Sommer, Lukas	Development (Cambridge, England), 139(12), 2107-17	2012	<a href="http://dx.doi.org/10.1242/dev.073064">http://dx.doi.org/10.1242/dev.073064</a>	<a href="http://www.zora.uzh.ch/75421/">http://www.zora.uzh.ch/75421/</a>
Prof. Lukas Sommer	Sox10 promotes the formation and maintenance of giant congenital naevi and melanoma	Shakhova, Olga, Zingg, Daniel, Schaefer, Simon M, Hari, Lissette, Civenni, Gianluca, Blunsch, Jacqueline, Claudinot, Stéphanie, Okoniewski, Michal, Beerermann, Friedrich, Mihic-Probst, Daniela, Moch, Holger, Wegner, Michael, Dummer, Reinhard, Barrandon, Yann, Cinelli, Paolo, Sommer, Lukas	Nature cell biology, 14(8), 882-90	2012	<a href="http://dx.doi.org/10.1038/ncb2535">http://dx.doi.org/10.1038/ncb2535</a>	<a href="http://www.zora.uzh.ch/64357/">http://www.zora.uzh.ch/64357/</a>
Prof. Lukas Sommer	Mesenchymal stem cells and neural crest stem cells from adult bone marrow: characterization of their surprising similarities and differences	Wislet-Gendebien, Sabine, Laudet, Emerence, Neirinckx, Virginie, Alix, Philippe, Leprince, Pierre, Glejzer, Aneta, Poulet, Christophe, Hennuy, Benoit, Sommer, Lukas, Shakhova, Olga, Rogister, Bernard	Cellular and molecular life sciences : CMLS, 69(15), 2593-608	2012	<a href="http://dx.doi.org/10.1007/s00018-012-0937-1">http://dx.doi.org/10.1007/s00018-012-0937-1</a>	<a href="http://www.zora.uzh.ch/75435/">http://www.zora.uzh.ch/75435/</a>
Prof. Lukas Sommer	Neural crest progenitors and stem cells: from early development to adulthood	Dupin, Elisabeth, Sommer, Lukas	Developmental biology, 366(1), 83-95	2012	<a href="http://dx.doi.org/10.1016/j.ydbio.2012.02.035">http://dx.doi.org/10.1016/j.ydbio.2012.02.035</a>	<a href="http://www.zora.uzh.ch/75427/">http://www.zora.uzh.ch/75427/</a>
Prof. Lukas Sommer	Testing the cancer stem cell hypothesis in melanoma: The clinics will tell	Shakhova, Olga, Sommer, Lukas	Cancer letters, 0304-3835	2012	<a href="http://dx.doi.org/10.1016/j.canlet.2012.10.009">http://dx.doi.org/10.1016/j.canlet.2012.10.009</a>	<a href="http://www.zora.uzh.ch/75392/">http://www.zora.uzh.ch/75392/</a>

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Prof. Lukas Sommer	A dual role for SOX10 in the maintenance of the postnatal melanocyte lineage and the differentiation of melanocyte stem cell progenitors	Harris, Melissa L, Buac, Kristina, Shakhova, Olga, Hakami, Ramin M, Wegner, Michael, Sommer, Lukas, Pavan, William J	PLoS genetics, 9(7), 1003644-1003644	2013	<a href="http://dx.doi.org/10.1371/journal.pgen.1003644">http://dx.doi.org/10.1371/journal.pgen.1003644</a>	<a href="http://www.zora.uzh.ch/80290/">http://www.zora.uzh.ch/80290/</a>
Prof. Lukas Sommer	Persistent Wnt/ $\beta$ -Catenin signaling determines dorsalization of the postnatal subventricular zone and neural stem cell specification into oligodendrocytes and glutamatergic neurons	Azim, Kasum, Fischer, Bruno, Hurtado-Chong, Anahi, Draganova, Kalina, Cantù, Claudio, Zemke, Martina, Sommer, Lukas, Butt, Arthur, Raineteau, Olivier	Stem cells (Dayton, Ohio), 1	2014	<a href="http://dx.doi.org/10.1002/stem.1639">http://dx.doi.org/10.1002/stem.1639</a>	<a href="http://www.zora.uzh.ch/100774/">http://www.zora.uzh.ch/100774/</a>
Prof. Lukas Sommer	Ezh2 is required for neural crest- derived cartilage and bone formation	Schwarz, Daniel, Varum, Sandra, Zemke, Martina, Schöler, Anne, Baggiolini, Arianna, Draganova, Kalina, Koseki, Haruhiko, Schübeler, Dirk, Sommer, Lukas	Development (Cambridge, England), 141(4), 867-77	2014	<a href="http://dx.doi.org/10.1242/dev.094342">http://dx.doi.org/10.1242/dev.094342</a>	<a href="http://www.zora.uzh.ch/100779/">http://www.zora.uzh.ch/100779/</a>
Prof. Lukas Sommer	Antagonistic Cross-Regulation between Sox9 and Sox10 Controls an Anti-tumorigenic Program in Melanoma	Shakhova, Olga, Cheng, Phil, Mishra, Pravin J., Zingg, Daniel, Schaefer, Simon M., Debbache, Julien, Haeusel, Jessica, Matter, Claudia, Guo, Theresa, Davis, Sean, Meltzer, Paul, Mihic-Probst, Daniela, Moch, Holger, Wegner, Michael, Merlino, Glenn, Levesque, Mitchell P., Dummer, Reinhard, Santoro, Raffaella, Cinelli, Paolo, Sommer, Lukas (2015)	PLOS GENETICS, 11(1), e1004877	2015	<a href="http://dx.doi.org/10.1371/journal.pgen.1004877">http://dx.doi.org/10.1371/journal.pgen.1004877</a>	<a href="http://www.zora.uzh.ch/109537/">http://www.zora.uzh.ch/109537/</a>
Prof. Lukas Sommer	The epigenetic modifier EZH2 controls melanoma growth and metastasis through silencing of distinct tumour suppressors	Zingg, Daniel, Debbache, Julien, Schaefer, Simon M., Tuncer, Eylul, Frommel, Sandra C., Cheng, Phil, Arenas-Ramirez, Natalia, Haeusel, Jessica, Zhang, Yudong, Bonalli, Mario, McCabe, Michael T., Creasy, Caretha L., Levesque, Mitchell P., Boyman, Onur, Santoro, Raffaella, Shakhova, Olga, Dummer, Reinhard, Sommer, Lukas	Nature Communications, 6, 6051	2015	<a href="http://dx.doi.org/10.1038/ncomms7051">http://dx.doi.org/10.1038/ncomms7051</a>	<a href="http://www.zora.uzh.ch/109536/">http://www.zora.uzh.ch/109536/</a>
Prof. Lukas Sommer	Premigratory and Migratory Neural Crest Cells Are Multipotent In Vivo	Baggiolini, Arianna, Varum, Sandra, Mateos, Jose Maria, Bettosini, Damiano, John, Nussy, Bonalli, Mario, Ziegler, Urs, Dimou, Leda, Clevers, Hans, Furrer, Reinhard, Sommer, Lukas	CELL STEM CELL, 16(3), 314-322	2015	<a href="http://dx.doi.org/10.1016/j.stem.2015.02.017">http://dx.doi.org/10.1016/j.stem.2015.02.017</a>	<a href="http://www.zora.uzh.ch/110035/">http://www.zora.uzh.ch/110035/</a>
Prof. Didier Trono	KAP1 controls endogenousretroviruses in embryonic stem cells	Rowe, H.M., Jakobsson, J., Mesnard, D., Rougemont, J., Reynard, S., Aktas, T., Maillard, P.V., Layard-Liesching, H., Verp, S., Marquis, J., Spitz, F., Constam, D.B. & Trono, D	Nature 463, 237-40	2010	<a href="http://dx.doi.org/10.1038/nature08674">http://dx.doi.org/10.1038/nature08674</a>	<a href="http://infoscience.epfl.ch/record/143777?ln=en">http://infoscience.epfl.ch/record/143777?ln=en</a>
Prof. Didier Trono	A gene-rich, transcriptionallyactive environment and the predeposition of repressive marks are predictive of susceptibilityto KRAB/KAP1-mediated silencing	Meylan, S., Groner, A.C., Ambrosini, G., Malani, N., Quenneville, S., Zangger, N., Kapopoulou, A., Kauzlaric, A., Rougemont, J., Ciuffi, A., Bushman, F.D., Bucher, P. & Trono, D	BMC Genomics 12, 378	2011	<a href="http://dx.doi.org/10.1186/1471-2164-12-378">http://dx.doi.org/10.1186/1471-2164-12-378</a>	<a href="http://infoscience.epfl.ch/record/167764?ln=en">http://infoscience.epfl.ch/record/167764?ln=en</a>
Prof. Didier Trono	Profaning the ultimate sanctuary: HIV latency in hematopoietic stem cells	Trono, D. & Marzetta, F	Cell Host Microbe 9, 170-2	2011	<a href="http://dx.doi.org/10.1016/j.chom.2011.03.001">http://dx.doi.org/10.1016/j.chom.2011.03.001</a>	<a href="http://infoscience.epfl.ch/record/164387?ln=en">http://infoscience.epfl.ch/record/164387?ln=en</a>
Prof. Didier Trono	Dynamic control of endogenous retroviruses during development	Rowe, H.M. & Trono	Virology411, 273-87	2011	<a href="http://dx.doi.org/10.1016/j.virol.2010.12.007">http://dx.doi.org/10.1016/j.virol.2010.12.007</a>	<a href="http://infoscience.epfl.ch/record/162581">http://infoscience.epfl.ch/record/162581</a>
Prof. Didier Trono	In embryonic stem cells, ZFP57/KAP1 recognize amethylated hexanucleotide to affect chromatin and DNA methylation of imprinting control regions	Quenneville, S., Verde, G., Corsinotti, A., Kapopoulou, A., Jakobsson, J., Offner, S., Baglivo, I., Pedone, P.V., Grimaldi, G., Riccio, A. & Trono, D	MolCell 44, 361-72	2011	<a href="http://dx.doi.org/10.1016/j.molcel.2011.08.032">http://dx.doi.org/10.1016/j.molcel.2011.08.032</a>	<a href="http://infoscience.epfl.ch/record/170006?ln=en">http://infoscience.epfl.ch/record/170006?ln=en</a>
Prof. Didier Trono	Genomic instability in inducedstem cells	Pasi, C.E., Derelli-Oz, A., Negrini, S., Friedli, M., Fragola, G., Lombardo, A., Van Houwe, G., Naldini, L., Casola, S., Testa, G., Trono, D., Pelicci, P.G. & Halazonetis, T.D	Cell Death Differ 18, 745-53	2011	<a href="http://dx.doi.org/10.1038/cdd.2011.9">http://dx.doi.org/10.1038/cdd.2011.9</a>	<a href="http://infoscience.epfl.ch/record/163453?ln=en">http://infoscience.epfl.ch/record/163453?ln=en</a>
Prof. Didier Trono	Embryonic stem cell potency fluctuates with endogenous retrovirusactivity	Macfarlan, T.S., Gifford, W.D., Driscoll, S., Lettieri, K., Rowe, H.M., Bonanomi, D., Firth, A., Singer, O., Trono, D. & Pfaff, S.L	Blood 119, 1139-50	2012	<a href="http://dx.doi.org/10.1038/nature11244">http://dx.doi.org/10.1038/nature11244</a>	<a href="http://infoscience.epfl.ch/record/178709?ln=en">http://infoscience.epfl.ch/record/178709?ln=en</a>
Prof. Didier Trono	The KRAB-ZFP/KAP1 system contributes to the early embryonic establishment of site-specific DNAmethylation patterns maintained during development	Quenneville, S., Turelli, P., Bojkowska, K., Raclot, C., Offner, S., Kapopoulou, A. & Trono, D	Cell Rep 2, 766-73	2012	<a href="http://dx.doi.org/10.1016/j.celrep.2012.08.043">http://dx.doi.org/10.1016/j.celrep.2012.08.043</a>	<a href="http://infoscience.epfl.ch/record/181686?ln=en">http://infoscience.epfl.ch/record/181686?ln=en</a>
Prof. Didier Trono	MicroRNA-124 is a subventricular zone neuronal fate determinant	Akerblom, M., Sachdeva, R., Barde, I., Verp, S., Gentner, B., Trono, D. & Jakobsson, J	J Neurosci 32, 8879-89	2012	<a href="http://dx.doi.org/10.1523/JNEUROSCI.0558-12.2012">http://dx.doi.org/10.1523/JNEUROSCI.0558-12.2012</a>	<a href="http://infoscience.epfl.ch/record/178741?ln=en">http://infoscience.epfl.ch/record/178741?ln=en</a>
Prof. Didier Trono	Gene therapy: too much splice can spoil the dish	D. Trono	J Clin Invest 122, 1600-2	2012	<a href="http://dx.doi.org/10.1172/JCI63066">http://dx.doi.org/10.1172/JCI63066</a>	<a href="http://infoscience.epfl.ch/record/176492?ln=en">http://infoscience.epfl.ch/record/176492?ln=en</a>
Prof. Didier Trono	The ATM substrate KAP1 controls DNA repair in heterochromatin:regulation by HP1 proteins and serine 473/824 phosphorylation	White, D., Rafalska-Metcalf, I.U., Ivanov, A.V., Corsinotti, A., Peng, H., Lee, S.C., Trono, D., Janicki, S.M. & Rauscher, F.J., 3rd	Mol Cancer Res 10, 401-14	2012	<a href="http://dx.doi.org/10.1158/1541-7786.MCR-11-0134">http://dx.doi.org/10.1158/1541-7786.MCR-11-0134</a>	<a href="http://infoscience.epfl.ch/record/174544?ln=en">http://infoscience.epfl.ch/record/174544?ln=en</a>

## List of Publications

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Prof. Didier Trono	KAP1 regulates gene networks controlling mouse B-lymphoid cell differentiation and function	Santoni de Sio, F.R., Massacand, J., Barde, I., Offner, S., Corsinotti, A., Kapopoulou, A., Bojowska, K., Dagklis, A., Fernandez, M., Ghia, P., Thomas, J.H., Pinschewer, D., Harris, N. & Trono, D	Blood 119, 4675-85	2012	<a href="http://dx.doi.org/10.1182/blood-2011-12-401117">http://dx.doi.org/10.1182/blood-2011-12-401117</a>	<a href="http://infoscience.epfl.ch/record/175971?ln=en">http://infoscience.epfl.ch/record/175971?ln=en</a>
Prof. Didier Trono	KAP1 regulates gene networks controlling T-cell development and responsiveness	Santoni de Sio, F.R., Barde, I., Offner, S., Kapopoulou, A., Corsinotti, A., Bojowska, K., Genolet, R., Thomas, J.H., Luescher, I.F., Pinschewer, D., Harris, N. & Trono, D	FASEB J 26, 4561-75	2012	<a href="http://dx.doi.org/10.1096/fj.12-206177">http://dx.doi.org/10.1096/fj.12-206177</a>	<a href="http://infoscience.epfl.ch/record/180517?ln=en">http://infoscience.epfl.ch/record/180517?ln=en</a>
Prof. Didier Trono	A KRAB/KAP1-miRNA cascade regulates erythropoiesis through stage-specific control of mitophagy	Barde, Isabelle, Rauwel, Benjamin, Marin-Florez, Ray Marcel, Corsinotti, Andrea, Laurenti, Elisa, Verp, Sonia, Offner, Sandra, Marquis, Julien, Kapopoulou, Adamandia, Vanicek, Jiri, Trono, Didier	Science (New York, N.Y.), 340(6130), 350-3	2013	<a href="http://dx.doi.org/10.1126/science.1232398">http://dx.doi.org/10.1126/science.1232398</a>	<a href="http://infoscience.epfl.ch/record/185172?ln=en">http://infoscience.epfl.ch/record/185172?ln=en</a>
Prof. Didier Trono	Global and stage specific patterns of Krüppel-associated-box zinc finger protein gene expression in murine early embryonic cells	Corsinotti, Andrea, Kapopoulou, Adamandia, Gubelmann, Carine, Imbeault, Michael, Santoni de Sio, Francesca R, Rowe, Helen M, Mouscaz, Yoann, Deplancke, Bart, Trono, Didier	PloS one, 8(2), 56721-56721	2013	<a href="http://dx.doi.org/10.1371/journal.pone.0056721">http://dx.doi.org/10.1371/journal.pone.0056721</a>	<a href="http://infoscience.epfl.ch/record/184814?ln=en">http://infoscience.epfl.ch/record/184814?ln=en</a>
Prof. Didier Trono	DNA methylation of endogenous retroviruses is shaped by KRAB- ZFPs/KAP1 and ESET	Rowe, Helen M, Friedli, Marc, Offner, Sandra, Verp, Sonia, Mesnard, Daniel, Marquis, Julien, Aktas, Tugce, Trono, Didier	Development (Cambridge, England), 140(3), 519-29	2013	<a href="http://dx.doi.org/10.1242/dev.087585">http://dx.doi.org/10.1242/dev.087585</a>	<a href="http://infoscience.epfl.ch/record/183019?ln=en">http://infoscience.epfl.ch/record/183019?ln=en</a>
Prof. Didier Trono	TRIM28 repression of retrotransposon-based enhancers is necessary to preserve transcriptional dynamics in embryonic stem cells	Rowe, Helen M, Kapopoulou, Adamandia, Corsinotti, Andrea, Fasching, Liana, Macfarlan, Todd S, Tarabay, Yara, Viville, Stéphane, Jakobsson, Johan, Pfaff, Samuel L, Trono, Didier	Genome research, 23(3), 452-61	2013	<a href="http://dx.doi.org/10.1101/gr.147678.112">http://dx.doi.org/10.1101/gr.147678.112</a>	<a href="http://infoscience.epfl.ch/record/182992?ln=en">http://infoscience.epfl.ch/record/182992?ln=en</a>
Prof. Didier Trono	A KRAB/KAP1-miRNA cascade regulates erythropoiesis through stage-specific control of mitophagy	Barde, Isabelle, Rauwel, Benjamin, Marin-Florez, Ray Marcel, Corsinotti, Andrea, Laurenti, Elisa, Verp, Sonia, Offner, Sandra, Marquis, Julien, Kapopoulou, Adamandia, Vanicek, Jiri, Trono, Didier	Médecine sciences : M/S, 30(1), 12-5	2014	<a href="http://dx.doi.org/10.1051/medsci/20143001003">http://dx.doi.org/10.1051/medsci/20143001003</a>	<a href="http://infoscience.epfl.ch/record/185172">http://infoscience.epfl.ch/record/185172</a>
Prof. Didier Trono	As time goes by: KRABs evolve to KAP endogenous retroelements	Imbeault, Michael, Trono, Didier	Developmental cell, 31(3), 257-8	2014	<a href="http://dx.doi.org/10.1016/j.devcel.2014.10.019">http://dx.doi.org/10.1016/j.devcel.2014.10.019</a>	<a href="http://infoscience.epfl.ch/record/204044?ln=en">http://infoscience.epfl.ch/record/204044?ln=en</a>
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Prof. Didier Trono	Interplay of TRIM28 and DNA methylation in controlling human endogenous retroelements	Turelli, Priscilla, Castro-Diaz, Nathaly, Marzetta, Flavia, Kapopoulou, Adamandia, Raclot, Charlène, Duc, Julien, Tieng, Yannary, Quenneville, Simon, Trono, Didier	Genome research, 24(8), 1260-70	2014	<a href="http://dx.doi.org/10.1101/gr.172833.114">http://dx.doi.org/10.1101/gr.172833.114</a>	<a href="http://infoscience.epfl.ch/record/199540?ln=en">http://infoscience.epfl.ch/record/199540?ln=en</a>
Prof. Didier Trono	Loss of transcriptional control over endogenous retroelements during reprogramming to pluripotency	Friedli, Marc, Turelli, Priscilla, Kapopoulou, Adamandia, Rauwel, Benjamin, Castro-Diaz, Nathaly, Rowe, Helen M, Ecco, Gabriela, Unzu, Carmen, Planet, Evarist, Lombardo, Angelo, Mangeat, Bastien, Wildhaber, Barbara E, Naldini, Luigi, Trono, Didier	Genome research, 24(8), 1251-9	2014	<a href="http://dx.doi.org/10.1101/gr.172809.114">http://dx.doi.org/10.1101/gr.172809.114</a>	<a href="http://infoscience.epfl.ch/record/199539?ln=en">http://infoscience.epfl.ch/record/199539?ln=en</a>
Prof. Didier Trono	Drawing a fine line on endogenous retroelement activity	Castro-Diaz, N., Friedli, M. & Trono, D	Elements 5, 1-6	2015	<a href="http://dx.doi.org/10.1080/2159256X.2015.1006109">http://dx.doi.org/10.1080/2159256X.2015.1006109</a>	<a href="http://infoscience.epfl.ch/record/212970">http://infoscience.epfl.ch/record/212970</a>
Prof. Didier Trono	The developmental control of transposable elements and the evolution of higher species	Friedli Marc, Trono Didier	Annual Revue Cell Development Biology	2015	<a href="http://dx.doi.org/10.1146/annurev-cellbio-100814-125514">http://dx.doi.org/10.1146/annurev-cellbio-100814-125514</a>	<a href="https://infoscience.epfl.ch/record/212694?ln=en">https://infoscience.epfl.ch/record/212694?ln=en</a>
Prof. Didier Trono	TRIM28 represses transcription of endogenous retroviruses in neural progenitor cells	Fasching, Liana, Kapopoulou, Adamandia, Sachdeva, Rohit, Petri, Rebecca, Jönsson, Marie E, Männe, Christian, Turelli, Priscilla, Jern, Patric, Cammas, Florence, Trono, Didier, Jakobsson, Johan	Cell reports, 10(1), 20-8	2015	<a href="http://dx.doi.org/10.1016/j.celrep.2014.12.004">http://dx.doi.org/10.1016/j.celrep.2014.12.004</a>	<a href="http://infoscience.epfl.ch/record/204560?ln=en">http://infoscience.epfl.ch/record/204560?ln=en</a>
Prof. Didier Trono	A KAP1 phosphorylation switch controls MyoD function during skeletal muscle differentiation	Singh, Kulwant, Cassano, Marco, Planet, Evarist, Sebastian, Soji, Jang, Suk Min, Sohi, Gurjeev, Faralli, Hervé, Choi, Jinmi, Youn, Hong-Duk, Dilworth, F Jeffrey	Genes & development (ISSN: 1549-5477), vol. 29, num. 5, p. 513-25	2015	<a href="http://dx.doi.org/10.1101/gad.254532.114">http://dx.doi.org/10.1101/gad.254532.114</a>	<a href="https://infoscience.epfl.ch/record/206224?ln=en">https://infoscience.epfl.ch/record/206224?ln=en</a>
Prof. Didier Trono	Release of human cytomegalovirus from latency by a KAP1/TRIM28 phosphorylation switch	Rauwel, Benjamin, Jang, Suk Min, Cassano, Marco, Kapopoulou, Adamandia, Barde, Isabelle, Trono, Didier	eLife (ISSN: 2050-084X), vol. 4	2015	<a href="http://dx.doi.org/10.7554/eLife.06068">http://dx.doi.org/10.7554/eLife.06068</a>	<a href="https://infoscience.epfl.ch/record/207056?ln=en">https://infoscience.epfl.ch/record/207056?ln=en</a>
Prof. Didier Trono	The evolution of gene expression and binding specificity of the largest transcription factor family in primates	Kapopoulou, Adamandia, Mathew, Lisha, Wong, Alex, Trono, Didier, Jensen, Jeffrey D.	Evolution (ISSN: 0014-3820), vol. 70, num. 1, p. 167-180 Hoboken: Wiley-Blackwell,	2016	<a href="http://dx.doi.org/10.1111/evo.12819">http://dx.doi.org/10.1111/evo.12819</a>	<a href="https://infoscience.epfl.ch/record/216301?ln=en">https://infoscience.epfl.ch/record/216301?ln=en</a>