
BIOGRAPHICAL SKETCH

NAME Emma (Emmy) W. Verschuren	POSITION TITLE FIMM-EMBL International Group Leader Institute for Molecular Medicine Finland (FIMM) P.O. Box 20, FI-00014 University of Helsinki, Finland +358-50-4154703
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EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE	YEARS	FIELD OF STUDY
University of Groningen, The Netherlands	B.S.	1993-1997	Medical Biology
University of College London (UCL)	Ph.D. (UCL)	1997-1999	Tumour Cell Biology
University of California, San Francisco, Stanford University, Stanford, CA	Ph.D. (UCL) Postdoc	1999-2003 2003-2005	Tumour Cell Biology Biochemistry
Genentech Inc., South San Francisco, CA	Postdoc	2005-2009	Biochemistry, HTS

A. Positions and Honors

- 2012 - European Association of Cancer Research (EACR) Executive Committee member, Representative for Young Researchers
- 2012 - European Association of Cancer Research (EACR) Education Committee member
- 2012 - Affiliate member of the University of Helsinki Faculty of Medicine Translational Cancer Biology Research Program Unit
- 2011 - 2016 Academic Coordinator of Innovative Medicines Initiative (IMI) PREDECT consortium (www.prepect.eu)
- 2010 - 2011 Vice-Chair of LentiGEMM, a Biocenter Finland Emerging Technology Platform
- 2009 - FIMM-EMBL International Group Leader at the Institute for Molecular Medicine Finland
- 2006 - 2009 Genentech Postdoc Committee member
- 2004 - 2006 Damon Runyon postdoctoral fellowship
- 1997 - 1999 Student scholarship, Imperial Cancer Research Fund, London
- 1997 Distinction "Cum Laude", BS., University of Groningen
- 1996 - 1997 Erasmus Scholarship, lab of Dr. C. Dean, Institute of Cancer Research, Sutton, Surrey
- 1993 - 1994 Treasurer, Biology Student Society, Groningen
- 1993 Distinction "Cum Laude", Propaedeuse Biology, University of Groningen

B. Peer-Reviewed Publications

1. Kakkola L, Denisova O.V., Tynell J., Viiliäinen J., Ysenbaert T., Matos R.C., Nagaraj A., Ohman T., Kuivanen S., Paavilainen H., Feng L., Yadav B., Julkunen I., Vapalahti O., Hukkanen V., Stenman J., Aittokallio T., **Verschuren E.W.**, Ojala P.M., Nyman T., Saelens X., Dzeyk K., Kainov D.E. (2013). Anticancer compound ABT-263 accelerates apoptosis in virus-infected cells and imbalances cytokine production and lowers survival rates of infected mice. *Cell Death Dis.* 4:e742.
2. Lahtela J., Corson L B., Hemmes, A., Brauer, M.J., Koopal, S., Lee, J., Hunsaker, T. L., Jackson, P.K. and **Verschuren, E.W.** (2013). A High-Content cellular senescence screen identifies candidate tumor suppressors including EPHA3. *Cell Cycle.* 12: 625-34.
3. Peart, M.J., Pyurovsky, M.V., Urist M., **Verschuren, E.W.**, Jackson, P.K. and Prives, C. (2010). APC/C^{Cdc20} targets E2F1 for degradation in prometaphase. *Cell Cycle.* 9: 3956-64.
4. **Verschuren, E.W.**, Ban, K.H., Masek, M.A., Lehman, N.L. and Jackson, P.K. (2007). Loss of Emi1-dependent APC/C inhibition deregulates E2F target expression and elicits DNA damage-induced senescence. *Mol. Cell. Biol.* 27: 7955-65.
5. **Verschuren E.W.** and Jackson, P.K. (2007). Putting transcription repression and protein destruction in pRb's pocket. Review. *Dev. Cell.* 12: 169-70.
6. Marangos P., **Verschuren E.W.**, Chen, R., Jackson P.K. and Carroll, J. (2007). Emi1-mediated regulation of the APC controls timing of progression through meiosis in mouse oocytes. *J. Cell. Biol.* 176: 65-75.
7. Lehman, N.L., **Verschuren, E.W.**, Hsu, J.Y., Cherry, A.M. and Jackson, P.K. (2006).

- Overexpression of the anaphase promoting complex/cyclosome inhibitor Emi1 leads to tetraploidy and genomic instability of p53-deficient cells. *Cell Cycle*. 5: 1569-73.
8. Eldridge, A.G., Loktev, A.V., Hansen, D.V., **Verschuren, E.W.**, Reimann, J.D. and Jackson, P.K. (2006). The evi5 oncogene regulated cyclin accumulation by stabilizing the anaphase-promoting complex inhibitor Emi1. *Cell*. 124: 367-380.
 9. Christophorou, M.A., Martin-Zanca, D., Soucek, L., Lawlor, E.R., Brown-Swigart, L., **Verschuren, E.W.** and Evan, G.I. (2005). Temporal dissection of p53 function *in vitro* and *in vivo*. *Nat. Genet.* 37: 718-26.
 10. **Verschuren, E.W.**, Jones, N. and Evan, G.I. (2004). The cell cycle and how it is steered by KSHV cyclin. Review. *J. Gen. Virol.*, 85: 1347-1361.
 11. **Verschuren, E.W.**, Hodgson, J.G., Gray, J.W., Kogan, S., Jones, N. and Evan, G.I. (2004). The role of p53 in suppression of KSHV cyclin-induced lymphomagenesis. *Cancer Res.*, 64: 581-589.
 12. Klefstrom, J., **Verschuren, E.W.** and Evan, G. (2002). c-Myc augments the apoptotic activity of cytosolic death receptor signaling proteins by engaging the mitochondrial apoptotic pathway. *J. Biol. Chem.*, 277: 43224-43232.
 13. **Verschuren, E.W.**, Klefstrom, J., Evan, G.I. and Jones, N. (2002). The oncogenic potential of Kaposi's sarcoma-associated herpesvirus cyclin is exposed by p53 loss *in vitro* and *in vivo*. *Cancer Cell*, 2:229-241.
 14. Gringhuis, S.I., de Leij, L.F.M.H., **Verschuren, E.W.**, Borger, P. and Vellenga, E. (1997). Interleukin-7 upregulates the Interleukin-2-gene expression in activated human T lymphocytes at the transcriptional level by enhancing the DNA binding activities of both Nuclear Factor of Activated T cells and Activator Protein-1. *Blood*, 90: 2690-2700.

C. Research Grants

2011 - 2016	Innovative Medicines Initiative Joint Undertaking (IMI-JU) PREDECT project; 853k€
2011	CIMO India Fellowship (8 months); 10,100€
2010	Tekes preparatory funds to prepare IMI-JU proposal (IMIFIMM); 25,200k€
2010-2014	Marie Curie EU-FP7 International Reintegration Grant (IRG); 100k€
2009-2013	FCT (Portuguese Science Foundation) graduate student scholarship; 98k€
2010-2012	Biocenter Finland Emerging Technology platform fund (LentiGEMM); 186k€
2009	Sigrid Juselius Foundation research project funding; 20k€

D. Invited Seminars

2012	Perspectives in Translational Medicine meeting, CRG, Barcelona, Spain
2012	ISREC Seminar, Lausanne, Switzerland
2012	5th Finnish Cell Biology symposium, Lammi, Finland
2011	VTT Turku Medical Biotechnology Lecture, Turku, Finland
2011	Karolinska Institutet Research Seminar, Stockholm, Sweden
2011	HealthBIO 2011 Pharma and Diagnostics Drivers Symposium, Turku, Finland
2011	Sixth International HBGS Student Council Symposium, Helsinki, Finland
2009	Nordic EMBL Partnership meeting, Heidelberg, Germany
2009	Tampere Graduate School in Biomedicine and Biotechnology retreat, Finland
2009	Helsinki Biomedical Graduate School-FIMM seminar, Helsinki, Finland
2007	Biomedicum Helsinki Seminar, Helsinki, Finland
2001	Paterson Institute for Cancer Research, Manchester, UK

