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## Targeted therapy for triple-negative breast cancer

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## List of Publications

**Molecular targeted therapy for triple-negative breast cancer. Ronan P. McLaughlin,** John A. Foekens, John W.M. Martens, Yinghui Zhang, Bob van de Water (Manuscript in preparation).

**A cell cycle-related gene signature is associated with resistance to MEK and Akt inhibitors in triple-negative breast cancer. Vera E. van der Noord<sup>1</sup>, Ronan P. McLaughlin<sup>1</sup>,** Marcel Smid, John A. Foekens, John W.M. Martens, Yinghui Zhang, Bob van de Water (Manuscript submitted). <sup>1</sup>Both authors contributed equally.

**Blockage of cdc7/CDK9 signalling sensitises triple-negative breast cancer to EGFR-targeted therapy. Ronan P. McLaughlin,** Jichao He, Vera van der Noord, Jevin Redel, Marcel Smid, John A. Foekens, John W.M. Martens, Yinghui Zhang, Bob van de Water (Manuscript submitted).

**Targeting the P-TEFb complex through CDK9 inhibition to combat triple-negative breast cancer. Ronan P. McLaughlin<sup>1</sup>,** Jichao He<sup>1</sup>, Jessica Karuntu<sup>1</sup>, Vera van der Noord<sup>1</sup>, Marcel Smid<sup>2</sup>, Annemieke M. Timmermans, Anita M.A.C. Trapman-Jansen, Renée Foekens, Yi Long, Sarah Al Haj Diab, John W.M. Martens, John A. Foekens, Shudong Wang, Yinghui Zhang, Bob van de Water (Manuscript in preparation).

**The synergistic effect of combined P-TEFb and EGFR inhibition on triple-negative breast cancer. Ronan P. McLaughlin,** Jichao He, Jessica Karuntu, Vera van der Noord, John W.M. Martens, Marcel Smid, John A. Foekens, Yi Long, Sarah Al Haj Diab, Yinghui Zhang, Bob van de Water, Shudong Wang (Manuscript in preparation).

## Curriculum Vitae

Ronan Patrick McLaughlin was born on the 11<sup>th</sup> July 1990 in Edinburgh, Scotland. He attended Holy Rood RC High School from 2002-2008. He subsequently studied Biological Sciences at the University of Edinburgh, ultimately specialising in Reproductive Biology and graduating with a 1<sup>st</sup> class BSc degree.

Ronan then moved westwards to Glasgow where he began his MRes studies in Molecular Medicine at the University of Glasgow, undertaking a research placement at the Paul O’Gorman Leukaemia Research Centre where he investigated the role of polo-like kinases in acute myeloid leukaemia under the supervision of Prof. Mhairi Copland and Dr. Ross Kinstrie. Ronan subsequently explored the epigenetic signature of glioblastoma stem cells in a collaborative project between the Beatson Institute for Cancer Research and the University of Glasgow, under the supervision of Prof. Anthony Chalmers, Dr. Nati Gomez and Dr. Katherine West.

After receiving an MRes degree in Molecular Medicine with merit, Ronan’s desire to forge a career within cancer research prompted him to seek a PhD position within Professor Bob van de Water’s lab at the Leiden Academic Centre for Drug Research in Leiden, The Netherlands. This project revolved around the identification of novel drug targets and combination therapies for triple-negative breast cancer, funded by the European Research Council (ERC).

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To my family, thank you for your seemingly endless disposition to listen to my rants (Mum and Dad), your far superior experience with word processing (Hannah), and for your continual love and support (Granny and Aodhán). I thank my friends for always lending an ear (or a glass...) whenever I needed to let off steam. David, no habría llegado a este momento si no te hubiera conocido. Siempre estuve apoyándome a pesar de lo que fuera, incluso en momentos en los que toda esperanza parecía haberse desvanecido. Gracias desde lo más profundo de mi corazón por tu apoyo y amor, porque estos han sido imprescindibles en

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