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Genetic dependencies in hereditary and sporadic melanoma

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List of publications

Christodoulou, E., Visser, M., Potjer, T., van der Stoep, N., Rodríguez-Girondo, M., van Doorn, R. and Gruis, N., 2019. Assessing a single SNP located at TERT/CLPTM1L multi-cancer risk region as a genetic modifier for risk of pancreatic cancer and melanoma in Dutch CDKN2A mutation carriers. *Familial Cancer*, **18**(4), pp.439-444.

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Christodoulou, E., Rashid, M., Pacini, C., Droop, A., Robertson, H., Groningen van, T.J.B., Teunisse, A.F.A.S., Iorio, F., J, Jochemsen, A.G., Adams, D.J. and Doorn van, R., Analysis of CRISPR-Cas9 screens identify genetic dependencies in melanoma (under review).

Curriculum Vitae

Eirini Christodoulou has a Greek-Cypriot nationality and was born in 1993. She has always been eager to learn, participate in academic and social activities and always with one motive: her passion for science. Her journey in science and scientific research began with her entry at Swansea University (UK) in 2011 as an undergraduate in biosciences. A significant lifetime experience was her election as a president of Swansea University's dance society with more than 400 members during her final year in Swansea in 2014. Her aim was to organize as many charity events as possible and this was achieved by participating in the Children in Need week, whereby the society offered donations to the Children Charity of Wales as well as the end of year show which was dedicated to the Cyprus Anticancer Society, a charity organization dear to Eirini and her mother.

Her enthusiasm and passion for cancer research was then taken to the next level by completing a postgraduate master's in cancer research and molecular biomedicine in 2015 at the University of Manchester (UK). As a high-achieving individual, intrigued by academia, she has always been willing to challenge herself further. The opportunity introduced itself by being selected for the European Horizon 2020 grant of Marie Skłodowska Curie Early Training Network (ETN) in 2016, which enabled her to then pursue a PhD. She was selected among hundreds of applicants around the world to be a PhD candidate based in Leiden University Medical Centre (LUMC) in the Netherlands as a Marie Skłodowska Curie fellow of the MelGen training network, focusing on genetic dependencies in hereditary and sporadic melanoma. Through this intense program, she had the opportunity to undertake her secondment at the Wellcome Trust Sanger Institute in Cambridge (UK) whereby she focused on exploring genetic vulnerabilities in melanoma.

Eirini is now accepted as a post-doctoral research fellow in the division of genomic medicine in the department of pathology & laboratory medicine at the Children's Hospital of Los Angeles (CHLA), a position funded by the Keck School of medicine of the University of Southern California (USC). Her research will be focused on the identification of genes responsible for the development of pediatric solid tumors.

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