

**Excellent Science:** Out of a total of 17 Horizon 2020 awards received by the Centre, 12 awards were granted for applications made to calls under the Excellent Science pillar totaling €6.2M and 10 of these awards were within the MSCA programme, one was a European Research Council grant and the other was a Future and Emerging Technologies grant.

**European Research Council (ERC):** In 2013, Martin Albrecht (UCD) was successful in his ERC Consolidator Grant (grant no. 615653) and was awarded a total of €2,111,111 in funding. Following this success, SSPC submitted five European Research Council (ERC) Advanced grant proposals and one ERC Consolidator proposal in 2014/15. The Advanced category is particularly competitive, and while the applications were not successful, two in particular have been identified for resubmission in 2017/18. Potential candidates for the 2018 ERC Starter Grant call have also been identified and proposals are in preparation.

**MSCA:** Over half (43) of the total SSPC Horizon 2020 proposal applications for the past four years have been submitted under the MSCA programme. The Centre's current success rate in this programme is 23% which is significantly higher than the 6-10% EU average. This programme is of particular interest to SSPC research community as it affords awardees the opportunity to build on current research areas without the constraint of complying with a defined call topic. The Centre has also been granted funding for five MSCA Individual Fellowships, enabling the addition of five high calibre Marie Curie research fellows to the Centre. The MSCA call most subscribed to by far is the Innovative Training Network (ITN) call. These calls focus on the development of early career researchers and often involve large consortia across Europe. SSPC researchers are currently coordinating the 'Click Gene' ITN (2014) and partnering in three other ITN awards (see table 9.1 for details). The MSCA RISE staff exchange call has also led to success for the centre.

**Future and Emerging Technologies:** SSPC collaborator and Bernal Chair of Microscopy and Imaging, Ursel Bangert, is currently partnering in a FET-OPEN grant awarded in 2016. This elusive award, which supports radically new and future technologies, is one of only four awarded in Ireland.