

Publications

| LIST OF SCIENTIFIC PUBLICATIONS, STARTING WITH THE MOST IMPORTANT ONES | | | | | | | | | |
|--|---|---|---------------------------------------|----------------------------------|-------------------------------------|----------------------|-------------------------|------------------|--|
| No. | Title / DOI | Main author COMREC ESRs & PIs | Title of the periodical or the series | Number, date or fre quency | Publisher | Place of publication | Date of pub lication | Relevant pages | Is open ac cess provided to this public |
| 1. | Natural variation and dosage of the HEI10 meiotic E3 ligase control Arabidopsis crossover recombination. doi: 10.1101/gad.295501. | Henderson (PI) Martinez-Garcia (ESR7) Franklin (PI) | Genes & Development | 31 (3) | Cold Spring Harbor Laboratory Press | USA | Feb 2017 | 306-317 | Yes |
| 2. | RETINOBLASTOMA RELATED1 mediates germline entry in Arabidopsis doi: 10.1126/science.aaf6532 | Schnittger (PI) Prusicki (ESR5) | Science | 28 | AAAS | USA | April 2017 | eaaf6532 p378 | Yes |
| 3. | Analysis of the impact of the absence of RAD51 strand exchange activity in Arabidopsis meiosis. doi: 10.1371/journal.pone.0183006 | Singh (ESR6) White (PI) | PLoS ONE | 12 | Public Library of Science | USA | August 2017 | e0183006– 16 | Yes |
| 4. | Distribution, position and genomic characteristics of crossovers in tomato recombinant inbred lines derived from an interspecific cross between <i>Solanum lycopersicum</i> and <i>Solanum pimpinellifolium</i> . doi: 10.1111/tpj.13406. | Demerci (ESR13) Peters (PI) de Ridder (PI) | The Plant Journal | 89 (3) | Wiley | UK | Feb 2017 | 554-564 | Yes |
| 5. | Similar Sister Chromatid Arrangement in Mono- and Holocentric Plant Chromosomes. doi: 10.1159/000447681 | Zelkowski (ESR8) Houben (PI) | Cytogenet Genome Res. | 148 | Karger | Germany | July 2016 | 218-225 | Yes |

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|----|---|---|---|--------|-----------------|-------------|-----------|------|-----|
| 6. | Observation of extensive chromosome axis remodelling during the “diffuse-phase” of meiosis in large genome cereals. doi: 10.3389/fpls.2017.01235. | Arrieta (ESR9) Colas (PI) Ramsay (PI) | Front. Plant Sci. | 8 | Frontiersin.org | Switzerland | July 2017 | 1235 | Yes |
| 7. | Massive crossover elevation via combination of HEI10 and recq4a recq4b during Arabidopsis meiosis. doi: https://doi.org/10.1101/159764 | Nageswaren (ESR1) Henderson (PI) | bioRxiv (nb Manuscript under revision for PNAS*) | 159764 | | | Dec 2017 | | Yes |
| 8. | Preparation of barley pollen mother cells for confocal and super resolution microscopy. (accepted manuscript). | Arrieta (ESR9) Colas (PI) Ramsay (PI) | Barley Methods and Protocols (in press) | | | | | | |