

[Improved regeneration of eggplant doubled haploids from microspore-derived calli through organogenesis](https://link.springer.com/article/10.1007/s11240-015-0791-6) | SpringerLink

The screenshot shows a web browser displaying a SpringerLink article. The browser's address bar shows the URL: <https://link.springer.com/article/10.1007/s11240-015-0791-6>. The page header includes the SpringerLink logo and a search bar. The article title is "Improved regeneration of eggplant doubled haploids from microspore-derived calli through organogenesis". Below the title, the authors are listed: Alba Rivas-Sendra, Patricia Corral-Martinez, Carolina Camacho-Fernandez & Jose M. Seguí-Simarro. The journal information is "Plant Cell, Tissue and Organ Culture (PCTOC) 122, 759–765 (2015)". The article has 859 accesses, 18 citations, and 1 altmetric. The abstract text is visible, starting with "Doubled haploid (DH) technology allows for the production of pure lines, useful for plant breeding, through a one-generation procedure that reduces considerably the time and resources needed to produce them. Despite the advantages of microspore culture to obtain DHs, this technique is still insufficiently developed in eggplant, where DHs are produced from microspore-derived calli through organogenesis. At present, very little is known on the best in vitro conditions to promote this process. This is why in this work we addressed the optimization of the process of regeneration of eggplant DH plants from microspore-derived calli. We evaluated the effect of different media compositions in the induction of organogenesis, in the promotion of shoot growth and elongation, and in root growth. According to our results, we propose the repeated subculture of the calli in MS medium with 0.2 mg/l IAA and 4 mg/l zeatin to produce shoots, and then the repeated subculture of the excised shoots in basal MS medium to promote their conversion into entire plantlets. This...". On the right side of the page, there is a "Buy article PDF" button for USD 39.95, with a note that the price includes VAT (Ecuador) and provides instant access to the full article PDF. There are also links for "Rent this article via DeepDyve" and "Learn more about institutional subscriptions". At the bottom of the page, there are sections for "Abstract", "Abbreviations", and "References". The Windows taskbar at the bottom shows the system clock as 03:21 p.m. on 03/04/2023.