عنوان فارسی مقاله:
کنترل الگو سازی، رشد و تغییر توسط زن های شناسایی در اندام های گل ها

عنوان انگلیسی مقاله:
Control of patterning, growth, and differentiation by floral organ identity genes

توجه!
این فایل تنها قسمتی از ترجمه میباشد. برای تهیه مقاله ترجمه شده کامل با فرمت ورد (قابل ویرایش) همراه با نسخه انگلیسی مقاله، اینجا کلیک نمایید.
Conclusions and perspectives

We now have a much better understanding of the genetic networks that control leaf development, and numerous direct molecular links between floral organ identity genes and key nodes in these networks. Rather than functioning as master genes at the top of a regulatory hierarchy that overrides the leaf developmental programme, MADS-domain proteins directly modify every step of organ development, from early patterning to growth to final differentiation (Fig. 3). The current picture suggests that the interaction between organ identity genes and general regulators of organ development may produce the overall structure of floral organs on which organ-specific cell types and structures are added or suppressed by interaction with more specialized gene expression programmes.