



2021 Election

American Society of Plant Biologists

Enid MacRobbie Corresponding Membership Award

Naomi Or

Hebrew University of Jerusalem

Naomi Ori is a professor at The Robert H. Smith Institute of Plant Sciences and Genetics in the Agriculture Faculty of the Hebrew University of Jerusalem in Israel. Ori investigates the mechanisms underlying the plasticity of plant development and patterning, and how plasticity is balanced with developmental stability. Most of her research is dedicated to leaf development and morphogenesis in plants. Naomi's research contributed some of the first examples of the cross talk among transcription factors and hormones in plant development. Her group identified several factors that affect the balance between morphogenesis and differentiation and showed that transcription factors and hormones such as auxin, cytokinin and gibberellin interact

in coordinating development in both processes. In this regard, Naomi has made a substantial contribution to the unravelling of the role of different hormones in shaping leaf morphology.

Naomi's elegant work uncovered that TCP- and MYB-type transcription factors, along with the plant hormone gibberellin, promote differentiation, whereas KNOX transcription factors and the hormone cytokinin promote morphogenesis and delay differentiation. More recently, the Ori group has been engaged in the investigation of how similar principles are involved in the regulation of fruit development and fruit set. Naomi has been an ASPB member for a long period of years and she has attended many ASPB meetings. She contributed significantly as a Reviewing Editor and performed an impressive service to the international research community, doing a massive amount of editorial board work and manuscript reviewing. She served as Senior Editor of the ASPB journal *The Plant Cell*, and she is currently a guest editor for that journal. In addition, Naomi has authored insightful review articles for the ASPB journals.