

Special issue: Jean-Marie Delwart symposium “Chemical communication within, among, and around plants”

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The following collection of papers was presented during a Symposium, organized at the initiative of the Jean-Marie Delwart Foundation. The aim was to generate brain storming on chemical communication *sensu lato* among renowned experts coming from different horizons, plant biology being their common link. The Symposium was multidisciplinary and included research in organic chemistry, biochemistry, molecular biology, neurobiology, ethology, ecology, and social aspects. Basic and applied research, including industrial activities, were covered, and organisms as diverse as microorganisms, nematodes, insects, and mammals including human beings were considered in their connection with plants.

Most of the papers are mini reviews; some include original research. Full papers are followed by a couple of summaries suggesting further readings.

As typical for a Delwart Symposium, the highly convivial and friendly atmosphere stimulated open, vivid, and fruitful discussions. On behalf of all participants, we would like to express our warm thanks to Raphaëlle Holender, General Secretary of the Jean-Marie Delwart Foundation, for having taken care of the intendance of the Symposium with grace and competence, and ensuring full comfort of the participants. Our deepest gratitude goes to Jean-Marie Delwart, President of the Foundation, for his generous hospitality, financial support, and active interest in our research.