

COVER PICTURE

The cover picture shows a further chapter in the exciting Diels–Alder story around the natural product (–)-galiellalactone. This story started with Steglich's proposal on the Diels–Alder biosynthesis of galiellalactone, that was then experimentally confirmed by T. Anke, H. Anke, and Sterner. The producer of galiellalactone, the ascomycete *Galiella rufa*, is shown in the background (photo by Pamela Kaminski). Now a surprising intrinsic Diels–Alder reactivity of galiellalactone has been found. Remarkable Diels–Alder transformations are triggered by acylation of the natural product. In the presented case four quaternary carbon centers are generated under mild conditions, yielding a dimer of unprecedented architecture. Details are discussed in the article by F. von Nussbaum et al. on page 2783 ff.



MICROREVIEWS

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Recent Advances in the Mitsunobu Reaction:
 Modified Reagents and the Quest for Chromatog-
 raphy-Free Separation

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