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The cover illustration shows the historic expedition hut built by the late Captain Robert F. Scott on Ross Island, Antarctica, in 1911. Over the years, the wood of this hut in contact with the ground has become colonized with unusual soft rot fungi such as *Cadophora luteo-olivacea* (bottom left-hand photograph). This fungus can cause extensive wood decay by attacking the secondary cell wall layers, as shown in the SEM image in the lower middle panel, and it produces several new compounds including colomitide C (bottom right-hand panel). The structure of this compound has been proposed in a patent submission (Salomon, C. E.; Kawakami, Y.; Bagchi, A.; Rusman, Y.; Blanchette, B.; Held, B.; Spike, A. (inventors). Therapeutic Compounds. International PCT application WO 2014018671 A1, Jan 30, 2014).

This work is being done in collaboration with Professor Christine Salomon, Center for Drug Design, University of Minnesota.