Tables

Table 1S. Effect of the cold and hot concentrations on the decay rate constants (k_{obs1} and k_{obs2}), the rise rate constant (k_{obs3}) and the relative light intensity integrals (I_{total})[a]

Hot extract[b]					Cold extract[c]				
Volume (μL)	$k_{obs1} \times 10^{-3}$ (s^{-1})	$k_{obs2} \times 10^{-3}$ (s^{-1})	$k_{obs3} \times 10^{-2}$ (s^{-1})	I_{total}	Volume (μL)	$k_{obs1} \times 10^{-3}$ (s^{-1})	$k_{obs2} \times 10^{-3}$ (s^{-1})	$k_{obs3} \times 10^{-3}$ (s^{-1})	I_{total}
2.5	4.9 ± 0.5	0.8 ± 0.2	4.6 ± 0.2	1.0	25	2.3 ± 0.3	-	8.5 ± 0.5	1.0
5.0	5.5 ± 0.4	1.4 ± 0.2	4.2 ± 0.1	1.9	50	2.5 ± 0.1	-	14.9 ± 0.4	1.5
10	4.9 ± 0.3	1.2 ± 0.3	4.0 ± 0.1	2.8	100	4.0 ± 0.7	1.6 ± 0.5	26.1 ± 0.5	1.3
25	5.6 ± 0.3	2.0 ± 0.2	3.8 ± 0.1	5.3	200	6.4 ± 0.3	2.6 ± 0.2	32.5 ± 0.4	1.6
50	5.3 ± 0.2	1.8 ± 0.3	3.1 ± 0.1	8.2					

[a] Curves were fitted using the expression $I = \left(a_1 e^{-k_{obs1}t} + a_2 e^{-k_{obs2}t}\right) - a_3 e^{-k_{obs3}t}$ as implemented in software Microcal Origin® 6.0.

[b] Obtained from 20 mg of *G. viridilucens* dried mycelium in 1.5 mL of boiling extraction buffer. [NADPH] = 100 μM, [BSA] = 143 mgL^{-1}, cold extract: 200 μL.

[c] Obtained from 80 mg of *G. viridilucens* dried mycelium in 4.0 mL of cold extraction buffer. [NADPH] = 100 μM, [BSA] = 140 mgL^{-1}, hot extract: 50 μL.

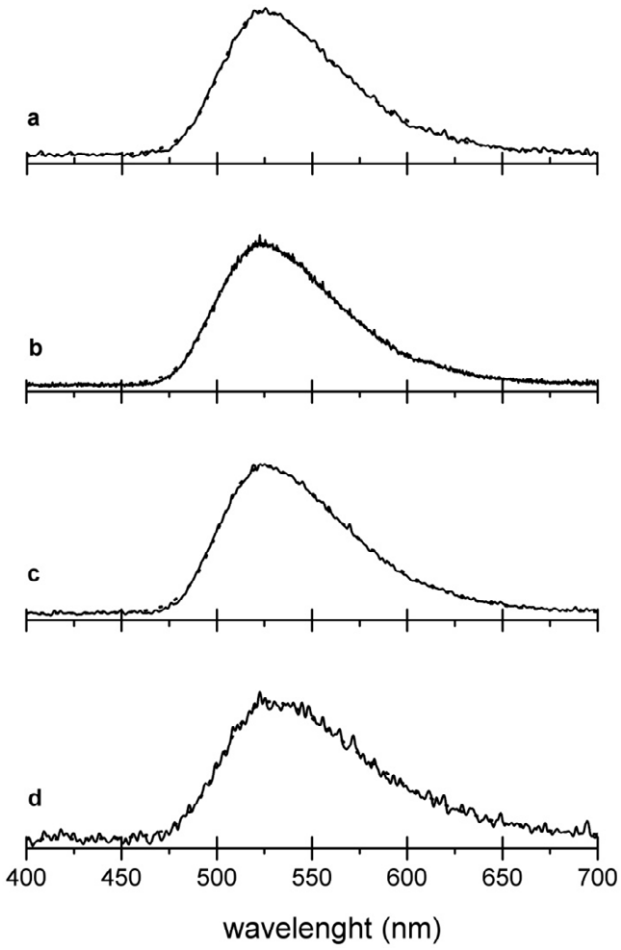

Fig. 1S. *In vivo* BL spectra obtained from *M. fera* (a), *M. asterina* (b), *M. lucentipes* (c), and *G. viridilucens* (d) fruiting bodies.

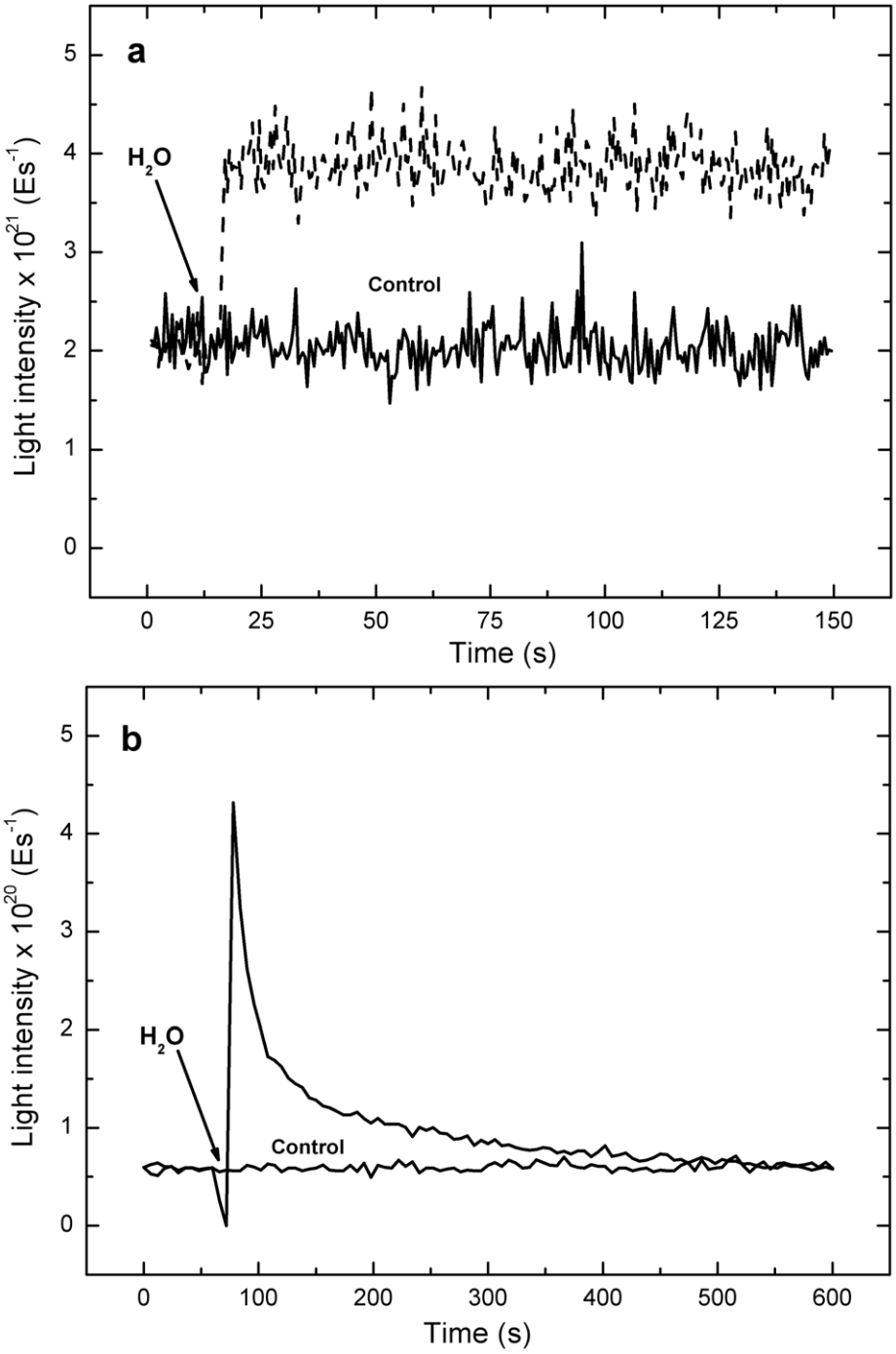

Fig. 2S. BL emission recorded in the tube luminometer from 20 mg of *G. viridilucens* dried cultivated mycelium in the absence (dotted line) and in the presence of water (a), and 20 mg of powdered dried mycelium of the same species in water (b). Controls: (a) 20 mg of *G. viridilucens* integer dried mycelium, (b) 20 mg of *G. viridilucens* powdered dried mycelium.