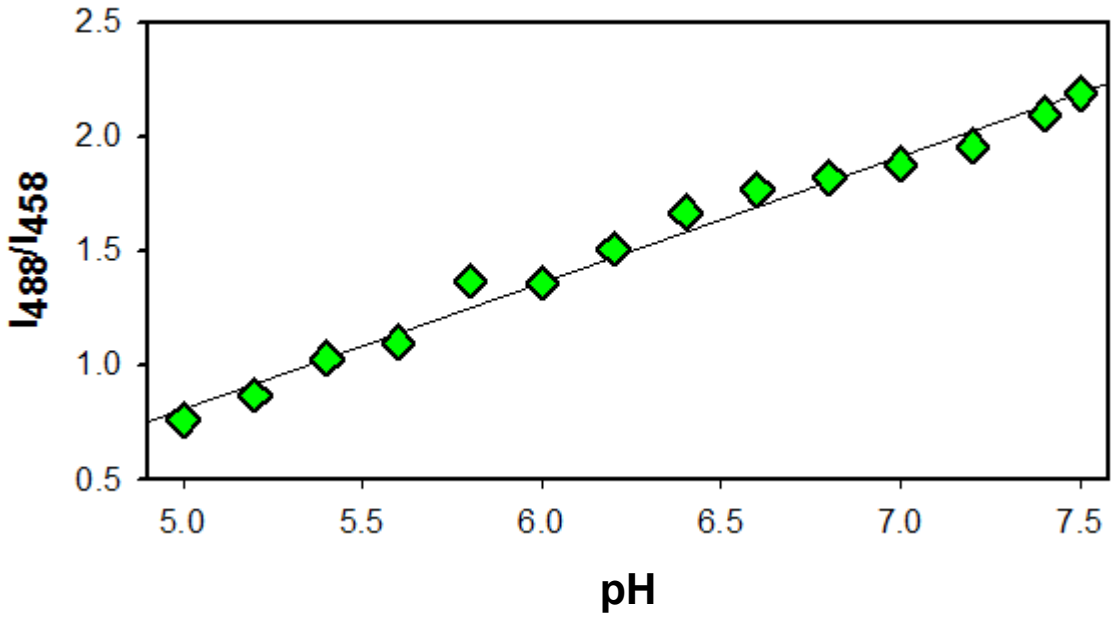
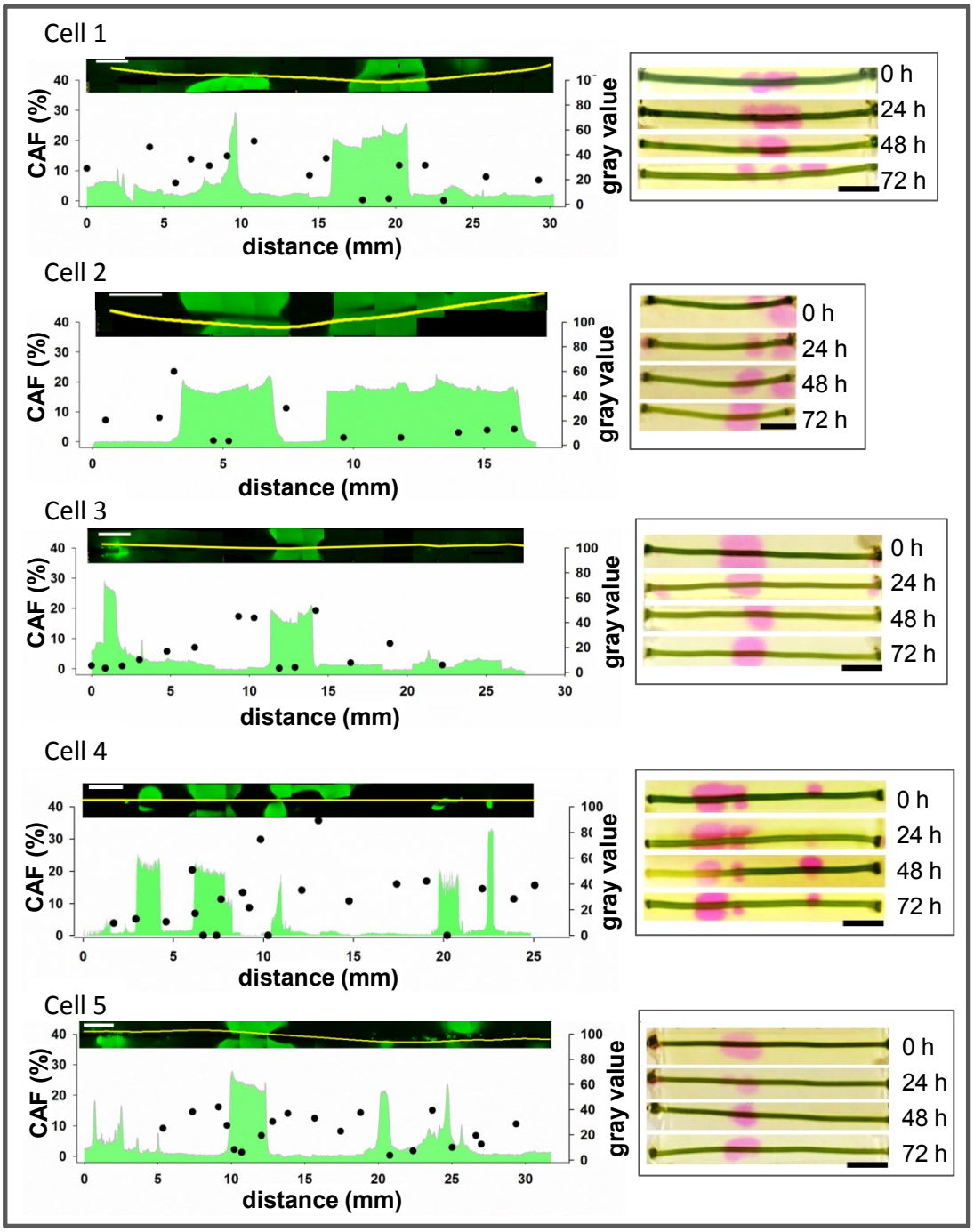


Supplementary Figure 1



Cell	1	2	3	4	5	6 (*)	7 (*)
Max. CAF (%)	19.76	23.48	19.26	35.7	16.14	22.2	27.57
Min CAF (%)	0.1	0.26	0.15	3.8	0.34	0.03	0.07

(*) These cells are illustrated in Fig. 4 and have changing (6) and, respectively, stable (7) pH pattern.

Supplementary Figure 2