

SYNTHETIC PHYSIOLOGY: OPTICAL CONTROL OF CELLULAR SIGNALS

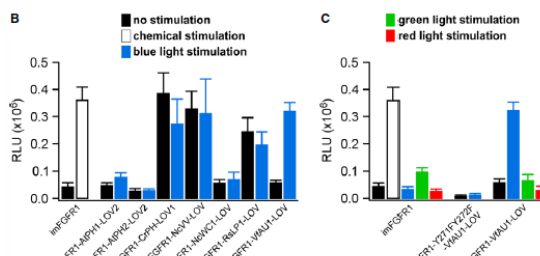
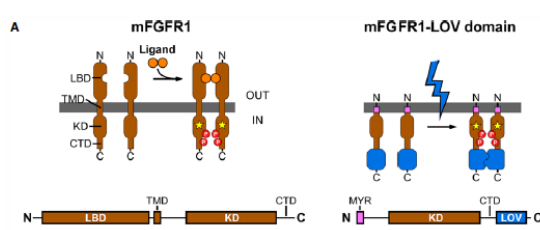
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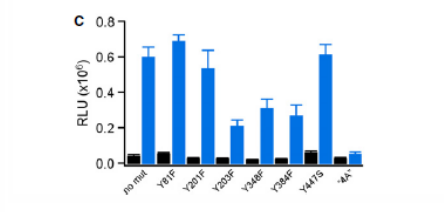
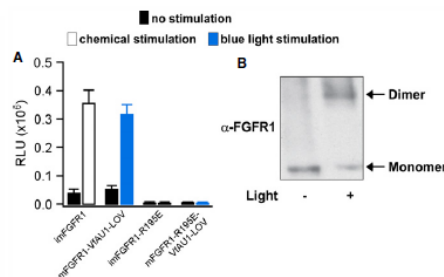
Harald Janovjak, PhD
Institute of Science and Technology
Austria (IST Austria)
Klosterneuburg / Austria

Tuesday, 03.03.2015
17:00

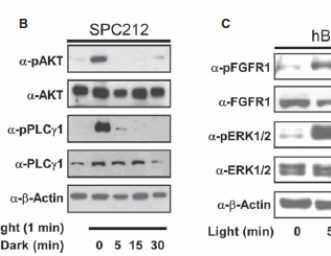
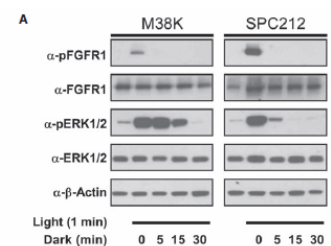
SR 07.13, Preclinics, MUG
(Harrachgasse 21 1st floor)



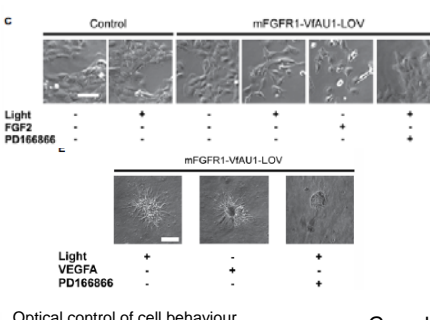
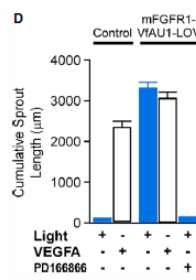
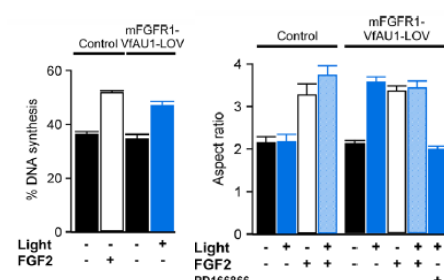
Design and function of mFGFR1-LOV domain chimeric receptors.



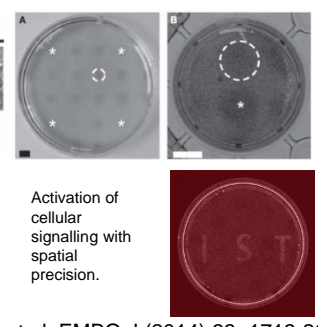
Analysis of Opto-mFGFR1 dimerization and sites required for MAPK/ERK pathway activation.



Activation of cellular signalling with temporal precision.



Optical control of cell behaviour.



Activation of cellular signalling with spatial precision.