

Greece

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Please provide a paragraph describing the general impact of the COVID19 pandemic on the scientific community in your country

While 2020 was a peculiar year with a lot of obstacles and restrictions due to COVID19 pandemic, the research activity in Greece remained active.

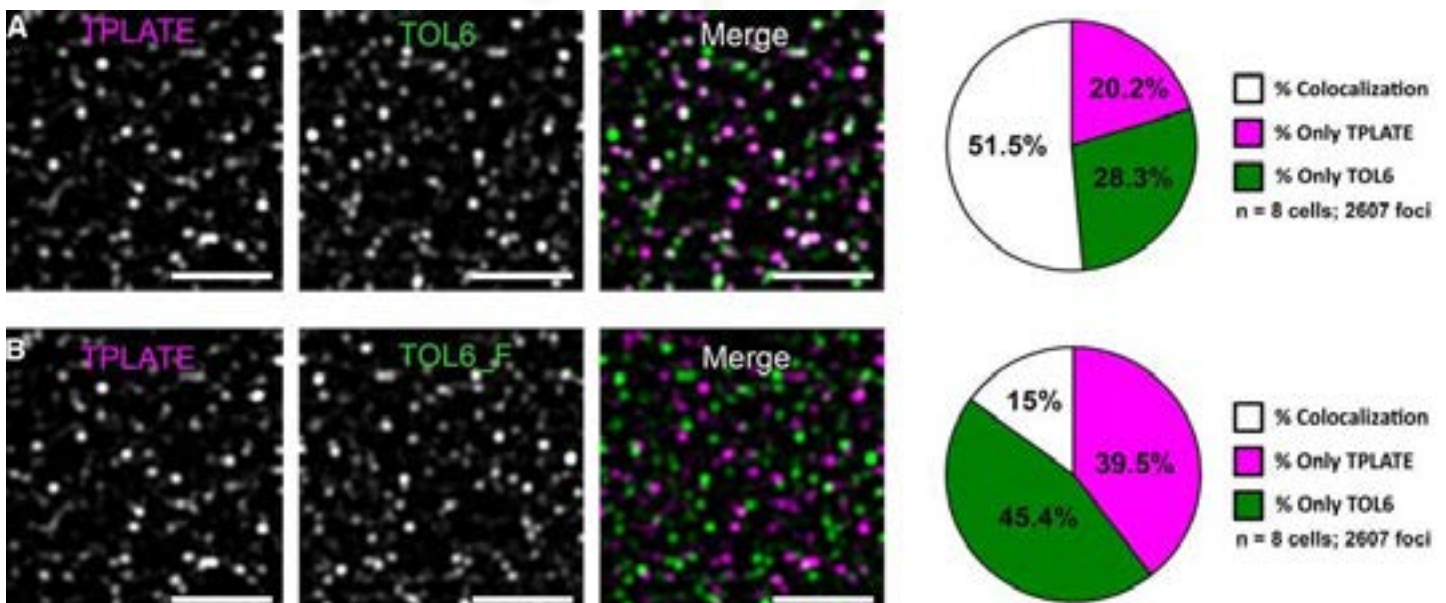
Selected Publications

[1] Arora D, Abel NB, Liu C, Van Damme P, Yperman K, Eeckhout D, Vu LD, Wang J, Tornkvist A, Impens F, Korbei B, Van Leene J, Goossens A, De Jaeger G*, Ott T*, Moschou PN*, Van Damme D* (2020) Establishment of Proximity-dependent Biotinylation Approaches in Different Plant Model Systems. *Plant Cell* 32:3388-3407. (*equal senior)

Approaches for in vivo interactome mining were established using abortive biotin ligases. These approaches were applied in different plant systems including tomato, tobacco, and Arabidopsis.

[2] Samakovli D, Roka L, Plitsi PK, Kaltsa I, Daras G, Milioni D, Hatzopoulos P (2020) Active BR signalling adjusts the subcellular localisation of BES1/HSP90 complex formation. *Plant Biol (Stuttg)* 22:12 9-133

The formation of a complex between BES1 and HSP90 under control conditions and active BR signaling was studied. The interaction of HSP90 with BES1 regulates BR-dependent gene expression.



TOL6, TOL9, and SCAMP5 Can Be Confirmed as Novel TPC Interactors.

(A) and (B) Representative spinning-disk dual-color images and corresponding quantification of colocalization (%) between TPLATE and TOL6. TPLATE-TagRFP endocytic foci at the plasma membrane were compared with TOL6-Venus foci (A) as well as horizontally flipped TOL6-Venus (TOL6_F) channel images as a control (B). Eight movies from three individual plants, and in total 2607 foci, were analyzed.

[3] Samakovli D, Tichá T, Vavrdová T, Ovečka M, Luptovíak I, Zapletalová V, Kuchařová A, Konek P, Krasylenko Y, Margaritopoulou T, Roka L, Milioni D, Komis G, Hatzopoulos P, Namaj J (2020) YODA-HSP90 Module Regulates Phosphorylation-Dependent Inactivation of SPEECHLESS to Control Stomatal Development under Acute Heat Stress in Arabidopsis. *Molecular Plant* 13:612-633.

HSP90s play a crucial role in transducing heat-stress response through the YODA cascade regulating stomata formation.

Major Funding Sources

-General Secretariat for Research & Innovation, GSRI: <http://www.gsrt.gr>

-Hellenic Foundation for Research & Innovation, HFRI: <https://www.elidek.gr>

-Ministry of Development & Investments: <https://www.espa.gr/>

