Teresa Capell

Catedràtica contractada

Dades personals

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Àrea de coneixement: Producció Vegetal

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Formació Acadèmica

· Llicenciada en Farmàcia, Facultat de Farmàcia de la Universitat de Barcelona, 1990
· Doctorat en Farmàcia (Fisiologia Vegetal), Facultat de Farmàcia, Universitat de Barcelona, 1994

Experiència Professional

· 1995 - 1998, Becària post-doctoral al Departament de Genètica Aplicada i Unitat de Biotecnologia Molecular , John Innes Centre, Norwich, UK
· 1998 - 2001, Cap de grup, Unitat de Biotecnologia Molecular, John Innes Centre, UK
· 2002 - 2004, Cap de grup, Departament de Genètica de Cultius i Biotecnologia, Fraunhofer, IME, Germany
· 2004 - 2009, Cap de grup, Departament de Producció Vegetal i Ciència Forestal, ETSEA-UdL, Lleida, Spain.
· 2009-2011, Professora agregada, UdL
· 2011- actualitat, Catedràtica contractada, UdL

Recerca

Biotecnologia

Docència

· BIOTECNOLOGIA VEGETAL	Grau en Biotecnologia
· BIOTECNOLOGIA AGRÀRIA	Grau en Enginyeria Agrària i Alimer
· TECNOLOGIES GÈNIQUES, GENÒMIQUES I DE TRANSFORMACIÓ GENÈTICA	Màster Universitari en Millora Genè
· BIOTECNOLOGIA	Màster Universitari en Fructicultura

Publicacions Recents

Capell T, Twyman RM, Armario-Najera V, Ma JKC, Schillberg S, Christou P (2020) Potential applications of plant biotechnology against SARSCoV-2. Trends in Plant Science, *https://doi.org/10.1016/j.tplants.2020.04.009* [https://doi.org/10.1016/j.tplants.2020.04.009].

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Zanga D, Sanahuja G, Eizaguirre M, Albajes R, Christou P, **Capell T**, Fraser P, Gerrisch C, López C (2018) Carotenoids moderate the effectiveness of a Bt gene against the European corn borer, *Ostrinia nubilalis* PlosOne 13(7):e0199317. doi: 10.1371/journal.pone.0199317. eCollection 2018.

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Pérez L, E Soto, G. Villorbina, L Bassie, V Medina, P Muñoz, **T Capell**, C Zhu, P Christou, G Farré (2018) CRISPR/Cas9-induced monoallelic mutations in the cytosolic AGPase large subunit gene APL2 induce the ectopic expression of APL2 and the corresponding small subunit gene APS2b in rice leaves Transgenic Research 27: 423-439

Berman U, Zorrilla-Lopez U, Sandmann G, **Capell T**, Christou P, Zhu C (2017) The silencing of carotenoid B-hydroxylases by RNA interference in different maize genetic backgrounds increases the b-carotene content of the endosperm. International Journal of Molecular Sciences 18:2515

Díaz-GómeZ J, J.A. Moreno, E. Angulo, G. Sandmann, C. Zhu, AJ Ramos, **T. Capell**, P. Christou, Nogareda C (2017) High-carotenoid biofortified maize is an alternative to color additives in poultry feed Journal: Animal Feed Science and Technology 231:38-46

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Per mes informació (Consultes GREC [http://webgrec.udl.cat/cgi-bin/DADREC/crgen.cgi?FONT=3&IDI=CAT&PID=367567&IDNC=201210161350170])