
Micropropagation Callogenesis Solanum Tuberosum

Khadija Gilani

curriculum vitae dr. humera afrasiab education - 3. micropropagation and callogenesis of carnation (*dianthus caryophyllus* l). (mamoona rauf, m., 2004). 4. in vitro micropropagation and callogenesis of mentha arvensis (japanese mint). (samina sarwar, m., 2004). 5. effect of sodium azide on in vitro regeneration potential in potato (*solanum tuberosum* l) cv. desiree and its biochemical ... **curriculum vitae - pu** - 4. micropropagation and callogenesis of carnation (*dianthus caryophyllus* l). (mamoona rauf, m., 2004). 5. in vitro micropropagation and callogenesis of mentha arvensis (japanese mint). (samina sarwar, m., 2004). 6. effect of sodium azide on in vitro regeneration potential in potato (*solanum tuberosum* l) cv. desiree and its biochemical ... **callus induction, shoot proliferation and root ...** - induction, shoot proliferation and root regeneration of three potato (*solanum tuberosum* l.) cultivars by using potato nodal and leaf explants under long-day conditions. the minimum days for callus induction (8.33 d), the maximum callus formation percentage (87.50%), the largest callus diameter (1.90 cm) and the maximum callus weight (2.04 g) were **establishment of an efficient and reproducible ...** - potato (*solanum tuberosum* l.) is one of the most important food crops grown world-wide. potato ... micropropagation or plant tissue culture (sahir et al., 2014). by using this technique, a single explant can be ... mg/l was most operative for callogenesis. these results **in vitro plant regeneration from leaf explants of ...** - in vitro plant regeneration from leaf explants of *artemisia vulgaris* ... (sujatha and dhingra, 1993); *jatropha curcus* (sujatha and mukta, 1996); *solanum tuberosum* (jayasree et al., 2001); *solanum torvum* (jaseela and nair ... effect of growth regulator on in vitro shoot induction from leaf explants of *artemisia vulgaris* l. growth regulator in ... **nakoupenĚ monografie a periodika v roce 2015 vĚzkumnĚ ...** - 18 micropropagation and callogenesis of *solanum tuberosum* 978 -38484 1933 19 potato and disease (early blight) 978 -3 659 49147 4 20 genetic studies in potato 978 -3 659 41920 1 21 genotype environment interaction in potato 978 -3 659 44302 2 22 potato resistance and late blight disease 978 -3 8433 7253 4 **syllabus: plant cell, tissue, and organ culture -practical ...** - 12.4.07 callus culture: callogenesis initiation, primary culture of cambial segments of carrot root (*daucus*). the effect of different auxin and cytokinin ratio on organogenesis of tobacco hypocotyl segments (*nicotiana tabacum*). 19.4.07 a. induction of microtuberization on the potato nodal cuttings (*solanum tuberosum*). b. **ollshment of in vitro sy** - aspects of in vitro techniques such as expression of totipotency, dedifferentiation ... i. classic micropropagation as an alternative means of plant vegetative ... culture conditions for callogenesis, suspension cultures, root cultures and whole **genetic transformation of potato with nptii-gus marker ...** - genetic transformation of potato with nptii-gusmarker genes enhances foliage consumption by colorado potato beetle larvae ... genetic transformation of potato cv. desir´ ee (*solanum tuberosum* l.) for measurement of food intake by the colorado potato beetle (*leptinotarsa decemlineata* s.). a. transformed explants developing calli on selective ... **curriculum vitae dr. safdar hussain shah** - profiles of callus cultures of potato (*solanum tuberosum*) ... 2008 rubina noor in vitro micropropagation of superior phenotypes of shishum ... callogenesis and plant regeneration in sugar cane. scientific khyber 15(2): 31-34. **prof. dr. safdar hussain shah - aup** - prof. dr. safdar hussain shah research publications (impact factor/foreign journals) ... co adaptation of licl tolerant *solanum tuberosum* illus cultures to nacl stress. african j. biotech 10(62) 13444-13452. ... callogenesis and plant regeneration in sugar cane. scientific khyber 15(2): 31-34. **nuclear genome stability in long-term cultivated callus ...** - place during the intermediate stages in a plant tissue culture such as callogenesis and plant regeneration [1, 2]. these include point mutations, structural and numerical chromosomal ... greatly reduce the effectiveness of treatments such as micropropagation or genetic transfor-mation [7]. somaclonal variation appears to be influenced by the ... **dr. ahmad moiieni - modares** - dr. ahmad moiieni faculty of agriculture department of plant breeding & biotechnology e-mail: moiieni_a@modares ... secondary embryogenesis and callogenesis in microspore culture of *brassica napus* ... (*solanum tuberosum* cv. desiree, agria and marfona) by human proinsolin **ctUà e establishment of in vitro system** - explants of the december and april batch of *solanum tuberosum* were highly tuberogenic (narayanaswamy, 1990). a rapid rate of propagation depends on the subculture of proliferating shoot cultures. subculture also decreases the effect of the competition of developing shoots for nutrients (rout et al., 2000). upadhyay et al. (1989) reported a ...

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