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Role of the phosphatase Ptc1 in stress responses mediated by CWI and HOG pathways in *Fusarium oxysporum*

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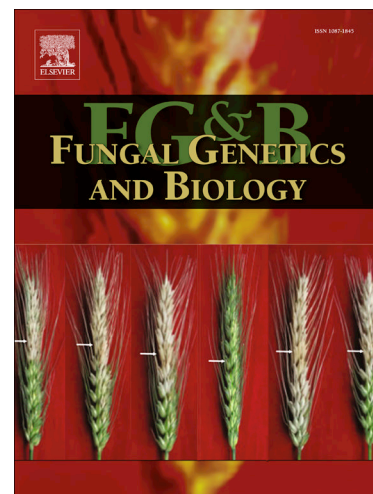
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**Role of the phosphatase Ptc1 in stress responses mediated by CWI and HOG pathways in *Fusarium oxysporum***

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*Keywords:* *Fusarium oxysporum*, PP2C phosphatases, MAPK, stress response.

*Highlights:*

- Ptc1 contributes to cell wall and membrane stress response
- Ptc1 is involved in tolerance to salt and osmotic stress
- Ptc1 regulates phosphorylation of Hog1
- Ptc1 is involved in gene expression
- Ptc1 participates in vacuolar dynamics

*Abbreviations:* CFW: calcofluor white; CWI: cell wall integrity; CR: congo red; HOG: High-osmolarity glycerol; SDS: sodium dodecyl sulphate

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