

## Retraction

### **The Pathogen-Inducible Nitric Oxide Synthase (iNOS) in Plants Is a Variant of the P Protein of the Glycine Decarboxylase Complex**

Chandok, M.R., Ytterberg, A.J., van Wijk, K.J., and Klessig, D.F. (2003). *Cell* 113, 469–482.

The above paper describes the purification and characterization of a pathogen-inducible NOS-like activity from tobacco plants and its identification as a variant form of the P subunit of the glycine decarboxylase complex. The demonstration that recombinant *Arabidopsis* variant P protein has NO-synthesizing activity was a critical piece of evidence leading to the above conclusion. Further experiments by other members of the Klessig laboratory reveal difficulties in reproducing the data with recombinant variant P and in addition suggest that the data on recombinant variant P presented in Tables 1 and 2 and in Figures 5B and 5C of this paper are unreliable. Since we cannot substantiate the major conclusion presented in this paper, we wish to retract the entire paper and its conclusions in order to avoid wasted efforts by other investigators whose studies might be influenced by the results and conclusions reported. The first author, M.R. Chandok, has not approved this retraction. We deeply regret that this serious incident occurred and sincerely apologize to our colleagues.

**Daniel F. Klessig,<sup>1</sup> A. Jimmy Ytterberg,<sup>2</sup> and Klaas J. van Wijk<sup>2</sup>**

<sup>1</sup>Boyce Thompson Institute for Plant Research

Tower Road

Ithaca, New York 14853

<sup>2</sup>Department of Plant Biology

Cornell University

Tower Road

Ithaca, New York 14853