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Critical Role of Peroxiredoxin 6 in the Repair of Peroxidized Cell Membranes Following Oxidative Stress

Haitao Li, Bavneet Benipal, Suiping Zhou, Chandra Dodia, Shampa Chatterjee, Jian-Qin Tao, Elena M. Sorokina, Tobias Raabe, Sheldon I. Feinstein, Aron B. Fisher



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## **Following Oxidative Stress**

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**Running Title**: Peroxiredoxin 6 and repair of cell membranes

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#### **Graphical Abstract**

PC 
$$\xrightarrow{t\text{-BOOH}}$$
 PCOOH  $\xrightarrow{Prd_{\chi_6}GP_{\chi_4}}$  PCOH  $\longrightarrow$  PC

 $\xrightarrow{Prd_{\chi_6}P_{\chi_4}}$  LPC + FAOOH  $\xrightarrow{+\text{ FA}}$  PC

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