

**Control of prostaglandin stereochemistry at the 15-carbon by cyclooxygenases-1 and -2. A critical role for serine 530 and valine 349**

Schneider, Claus; Boeglin, William E.; Prusakiewicz, J.J.; Rowlinson, S.W.; Marnett, L.J.; **Samel, Nigulas**; Brash, Alan R. Journal biological chemistry 2002 / p. 478-485

**A fungal catalase reacts selectively with the 13S fatty acid hydroperoxide products of the adjacent lipoxygenase gene and exhibits 13S-hydroperoxide-dependent peroxidase activity**

**Teder, Tarvi**; Boeglin, William E.; Schneider, Claus; Brash, Alan R. Biochimica et Biophysica Acta (BBA) - molecular and cell biology of lipids 2017 / p. 706-715 : ill <https://doi.org/10.1016/j.bbalip.2017.03.011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Structural and functional comparison of 15S- and 15R-specific cyclooxygenases from the coral Plexaura homomalla**

**Valmsen, Karin**; Boeglin, William E.; **Järving, Ivar**; Schneider, Claus; **Varvas, Külliki**; Brash, Alan R.; **Samel, Nigulas** Eur. J. Biochem. 2004 / p. 3533-3538 : ill <https://febs.onlinelibrary.wiley.com/doi/full/10.1111/j.0014-2956.2004.04289.x>