

Arachidonic acid metabolism in marine invertebrates

Lõhelaid, Helike; Teder, Tarvi; Samel, Nigulas Invertebrate survival journal - ISJ 2018 / p. 110

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A catalase-related hemoprotein in coral is specialized for synthesis of short-chain aldehydes : discovery of P450-type hydroperoxide lyase activity in a catalase

Teder, Tarvi; Lõhelaid, Helike; Boeglin, William E.; Calcutt, Wade M.; Brash, Alan R.; Samel, Nigulas Journal of biological chemistry 2015 / p. 19823-19832 : ill <http://dx.doi.org/10.1074/jbc.M115.660282>

Cross-talk between bioactive lipid mediators and the unfolded protein response in ischemic stroke

Teder, Tarvi; Haeggström, Jesper Z.; Airavaara, Mikko; Lõhelaid, Helike Prostaglandins & other lipid mediators 2023 / art. 106760

<https://doi.org/10.1016/j.prostaglandins.2023.106760>

Differences in the substrate binding between highly identical catalase-related fatty acid hydroperoxide-metabolizing enzymes [Online resource]

Teder, Tarvi; Lõhelaid, Helike; Samel, Nigulas XVth International Conference of the Lithuanian Biochemical Society : the programme and abstract book : Dubingiai, June 26-29, 2018 2018 / p. 67-68 <https://www.docdroid.net/tVouRrC/abstract-book.pdf>

Distinct characteristics of the substrate binding between highly homologous catalase-related allene oxide synthase and hydroperoxide lyase

Teder, Tarvi; Samel, Nigulas; Lõhelaid, Helike Archives of biochemistry and biophysics 2019 / art. 108126, 10 p. : ill
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A fungal catalase reacts selectively with the 13S fatty acid hydroperoxide products of the adjacent lipoxygenase gene and exhibits 13S-hydroperoxide-dependent peroxidase activity

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Modulation of the 5-lipoxygenase pathway by chalcogen-containing inhibitors of leukotriene A4 hydrolase

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Oxidation of C18 hydroxylpolyunsaturated fatty acids to epoxide or ketone by catalase-related hemoproteins activated with iodosylbenzene

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Oxylipins : role in stem cell biology

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Structural and catalytic aspects of the catalase-related fatty acid hydroperoxide lyase = Katalaasilaadse hüdroperoksiidlüasi struktuurs ja katalüütilised omadused

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The IRE1 α inhibitor KIRA6 blocks Leukotriene Biosynthesis in human phagocytes

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