

**Direct evidence of the cyclooxygenase pathway of prostaglandin synthesis in arthropods : genetic and biochemical characterization of two crustacean cyclooxygenases**

**Varvas, Külliki; Kurg, Reet; Hansen, Kristella; Järving, Reet; Järving, Ivar; Valmsen, Karin; Lõhela, Helike; Samel, Nigulas** Insect biochemistry and molecular biology 2009 / 12, p. 851-860 <https://www.sciencedirect.com/science/article/pii/S0965174809001490>

**Identification of a functional allene oxide synthase-lipoxygenase fusion protein in the soft coral *Gersemia fruticosa* suggests the generality of this pathway in octocorals**

**Lõhela, Helike; Järving, Reet; Valmsen, Karin; Varvas, Külliki; Kreen, Malle; Järving, Ivar; Samel, Nigulas** Biochimica et biophysica acta 2008 / 2, p. 315-321 <https://www.sciencedirect.com/science/article/abs/pii/S030441650700253X>

**Isolation and characterization of the cDNA for prostaglandin endoperoxide synthase from the white sea soft coral *Gersemia fruticosa***

**Koljak, Reet; Varvas, Külliki; Järving, Ivar; Samel, Nigulas** 24th Estonian Chemistry Days : abstracts of scientific conference 1998 / p. 29

**Purification and characterization of the recombinant human prostaglandin H synthase-2 expressed in *Pichia pastoris***

**Kukk, Kaia; Järving, Reet; Samel, Nigulas** FEBS journal 2012 / p. 555  
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**Purification and characterization of the recombinant human prostaglandin H synthase-2 expressed in *Pichia pastoris***

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**Structural and catalytic aspects of the catalase-related fatty acid hydroperoxide lyase = Katalaasilaadse hüdroperoksiidlüaasi struktuursed ja katalüütilised omadused**

**Teder, Tarvi** 2019 <https://digikogu.taltech.ee/et/Item/8a4b253d-68e4-41e5-bcc4-273e9f2fa3d2>

**Structural and catalytic insights into the algal prostaglandin H synthase reveal atypical features of the first non-animal cyclooxygenase**

**Varvas, Külliki; Kasvandik, Sergio; Hansen, Kristella; Järving, Ivar; Morell, Indrek; Samel, Nigulas** Biochimica et biophysica acta : molecular and cell biology of lipids 2013 / p. 863-871 : ill <https://doi.org/10.1016/j.bbalip.2012.11.010> [Journal metrics at Scopus](#)  
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