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(54) Title: **SELENOPROTEIN P IN HEART FAILURE**

(57) **Abstract:** Subject matter of the present invention is a method for assessing a risk in a subject having heart failure that is (i) the risk for getting a cardiovascular event and/or (ii) the risk of worsening heart failure condition and/or (iii) assessing the risk for mortality, in particular cardiovascular mortality, and/or (iv) assessing the risk of hospitalisation or re-hospitalisation due to having heart failure, comprising a) determining the level and/or the amount of Selenoprotein P and/or fragments thereof in a sample of said subject, b) correlating the determined level and/or the amount of Selenoprotein P and/or fragments thereof in a subject having heart failure with (i) the risk for getting a cardiovascular event and/or (ii) with the risk of worsening heart failure condition and/or (iii) with the risk for mortality, in particular cardiovascular mortality, and/or (iv) with the risk of hospitalisation or re-hospitalisation due to heart failure. Subject matter of the present invention includes stratification of patients and treatment methods for heart failure patients at high risk (i) for getting a cardiovascular event and/or (ii) of worsening heart failure condition and/or (iii) for mortality, in particular cardiovascular mortality, and/or (iv) of hospitalisation or re-hospitalisation due to heart failure.

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