

Title (en)  
METHODS AND COMPOSITIONS FOR EXTENDING THE LIFE SPAN AND INCREASING THE STRESS RESISTANCE OF CELLS AND ORGANISMS

Title (de)  
VERFAHREN UND ZUSAMMENSETZUNGEN ZUR VERLÄNGERUNG DER LEBENSDAUER UND ERHÖHUNG DER STRESSRESISTENZ VON ZELLEN UND ORGANISMEN

Title (fr)  
METHODES ET COMPOSITIONS POUVANT PROLONGER LA DURÉE DE VIE ET AUGMENTER LA RÉSISTANCE AU STRESS DE CELLULES ET D'ORGANISMES

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Application  
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Abstract (en)  
[origin: WO2004016726A2] The invention provides methods and compositions for modulating the life span of eukaryotic and prokaryotic cells and for protecting cells against certain stresses, e.g., heatshock. One method comprises modulating the flux of the NAD<sup>+</sup> salvage pathway in the cell, e.g., by modulating the level or activity of one or more proteins selected from the group consisting of NPT1, PNC1, NMA1 and NMA2. Another method comprises modulating the level of nicotinamide in the cell.

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