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(71) Applicant *(for all designated States except US)*: **SOCIETE DES PRODUITS NESTLE S.A.** [CH/CH]; P.O. Box 353, CH-1800 Vevey (CH).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **TURINI, Marco** [CH/CH]; Ch. du Bois-Murat 20, CH-1066 Epalinges (CH). **GERMAN, Bruce** [CA/CH]; Chemin du Bellingard 1, CH-1095 Lutry (CH). **PECQUET, Sophie** [FR/CH]; Chemin de Beau Val, 22, CH-1012 Lausanne (CH).

(74) Agent: **STRAUS, Alexander**; Bavariastr. 7, 80336 München (DE).

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ACTION

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(54) Title: INDUCTION OF TOLERANCE

(57) Abstract: The present invention pertains to a method for inducing tolerance to an antigenic material in an individual by administering a compound increasing the COX-2 (cyclo-oxygenase 2) activity in the individual's cells, in particular in cells involved in an immune reaction, and optionally also increasing the IFN-γ level, and a material or antigenic parts thereof, to which the individual develops adverse immune reactions. Specifically, the present invention pertains to a food or pharmaceutical composition containing such compounds and the antigenic material or parts thereof. In an alternative embodiment, the present invention also pertains to a novel ex vivo method for determining an individual's tendency to develop an allergic reaction to an particular material.