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(71) Applicants *(for all designated States except US)*: **CYTOS BIOTECHNOLOGY AG** [CH/CH]; Wagistrasse 25, CH-8952 Schlieren (CH). **NOVARTIS PHARMA AG** [CH/CH]; Lichtstrasse 35, CH-4002 Basel (CH).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **BACHMANN, Martin, F.** [CH/CH]; Goldackerweg 8, CH-8472 Seuzach (CH). **TISSOT, Alain** [CH/CH]; Segantinistr. 35, CH-8049 Zürich (CH). **ORTMANN, Rainer** [DE/FR]; 3, Rue de l'amitié, F-68300 Saint Louis (FR). **LÜÖND, Rainer** [CH/CH]; Felsplattenstrasse 33, CH-4106 Therwil (CH). **STAUFENBIEL, Matthias** [DE/DE]; Müllerweg 7, 79541 Lörrach (DE). **FREY, Peter** [CH/CH]; Sulgenauweg 45, CH-3007 Bern (CH).

(74) Agents: **WICHMANN, Hendrik** et al.; Isenbruck Bösl Hörschler Wichmann Huhn, Prinzregentenstr. 68, 81635 München (DE).

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WO 2004/016282 A1

(54) Title: VACCINE COMPOSITIONS CONTAINING AMYLOID BETA1-6 ANTIGEN ARRAYS

(57) Abstract: The present invention is related to the fields of molecular biology, virology, immunology and medicine. The invention provides a composition comprising an ordered and repetitive antigen or antigenic determinant array, and in particular an Aβ1-6 peptide-VLP-composition. More specifically, the invention provides a composition comprising a virus-like particle and at least one Aβ 1-6 peptide bound thereto. The invention also provides a process for producing the conjugates and the ordered and repetitive arrays, respectively. The compositions of the invention are useful in the production of vaccines for the treatment of Alzheimer's disease and as a pharmaccine to prevent or cure Alzheimer's disease and to efficiently induce immune responses, in particular antibody responses. Furthermore, the compositions of the invention are particularly useful to efficiently induce self-specific immune responses within the indicated context.