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(71) Applicant *(for all designated States except US)*: **PHARMEXA A/S** [DK/DK]; Kogle Allé 6, DK-2970 Hørsholm (DK).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **KLYSNER, Steen** [DK/DK]; c/o Pharmexa A/S, Kogle Allé 6, DK-2970 Hørsholm (DK). **VON HOEGEN, Paul** [DE/DK]; c/o Pharmexa A/S, Kogle Allé 6, DK-2970 Hørsholm (DK). **VOLDBORG, Bjørn** [DK/DK]; c/o Pharmexa A/S, Kogle Allé 6, DK-2970 Hørsholm (DK). **GAUTAM, Anand** [GB/DK]; c/o Pharmexa A/S, Kogle Allé 6, DK-2970 Hørsholm (DK).

(74) Agent: **KOEFOED, Peter**; c/o Pharmexa A/S, Kogle Allé 6, DK-2970 Hørsholm (DK).

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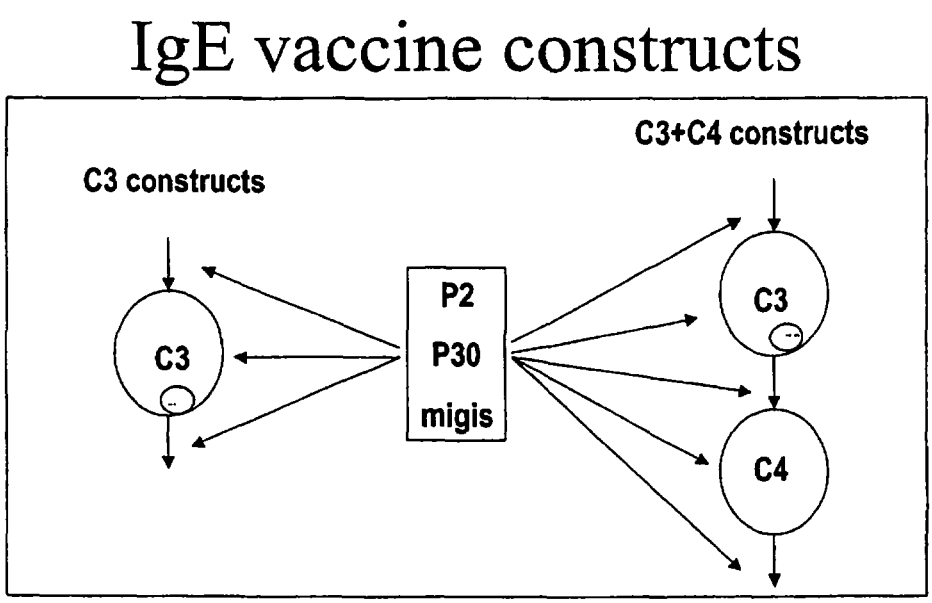
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(54) Title: METHOD FOR DOWN-REGULATING IGE

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(57) Abstract: The present invention discloses methods for immunizing against autologous (self) Immunoglobulin E (IgE). In particular, the invention discloses methods for inducing cytotoxic T-lymphocytes that will specifically down-regulate B-cells producing autologous IgE, notably by means of nucleic acid vaccination or live vaccination. Also disclosed are methods for inducing antibodies reactive with autologous IgE as well as methods for inducing a combined antibody and CTK response specific for IgE. The invention also discloses specific immunogenic protein constructs, nucleic acids encoding these as well as various formulations and tools for preparing the vaccines, including vectors and transformed host cells.

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