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(54) **Title:** IDENTIFICATION AND ENGINEERING OF ANTIBODIES WITH VARIANT FC REGIONS AND METHODS OF USING THE SAME



(57) **Abstract:** The present invention relates to molecules, particularly polypeptides, more particularly immunoglobins (*e.g.*, antibodies), comprising a variant Fc region, wherein said variant Fc region comprises at least one amino acid modification relative to a wild-type Fc region, which variant Fc region binds FcγRIIIA and/or FcγRIIA with a greater affinity, relative to a comparable molecule comprising the wild-type Fc region. The molecules of the invention are particularly useful in preventing, treating, or ameliorating one or more symptoms associated with a disease, disorder, or infection. The molecules of the invention are particularly useful for the treatment or prevention of a disease or disorder where an enhanced efficacy of effector cell function (*e.g.*, ADCC) mediated by FcγR is desired, *e.g.*, cancer, infectious disease, and in enhancing the therapeutic efficacy of therapeutic antibodies the effect of which is mediated by ADCC.

WO 2006/088494 A2