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(71) Applicant (for all designated States except US): BIO-
GEN, INC. [US/US]; 14 Cambridge Center, Cambridge,
MA 02142 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): LYNE, Paul,
D. [IE/US]; 72 Allston Street #3, Allston, MA 02139
(US). GARBER, Ellen, A. [US/US]; 14 Donnell Street,
Cambridge, MA 02138 (US). SALDANHA, Jose, W.
[GB/GB]; 21 Fillebrook Avenue, Enfield, Middlesex EN1
3BD (GB). KARPUSAS, Michael [US/GR]; Platonos 7,
Agios Basilios, 26500 Patra (GR).

(74) Agents: PIERRI, Margaret, A. et al.; Fish & Neave, 1251
Avenue of the Americas, New York, NY 10020 (US).

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ACTION

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(54) Title: ANTIBODIES TO VLA-1

(57) Abstract: Antibodies that specifically bind to VLA-1 integrin and methods of using these antibodies to treat immunological disorders in a subject. Also included are crystal structures of complexes formed by VLA-1 antibodies and their ligands, and VLA-1 antagonists and agonists identified by using the structure coordinates of these structures.