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(71) Applicant *(for all designated States except US)*: **THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS** [US/US]; 352 Henry Administration Building, 506 Wright Street, Urbana, Illinois 61801 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **CHAKRABARTY, Ananda** [US/US]; 206 Julia Drive, Villa Park, Illinois 60181 (US). **GUPTA, Tapas Das** [US/US]; 1317 Jackson Avenue, River Forest, Illinois 60305 (US). **YAMADA, Tohru** [JP/US]; 903 South Cuyler Avenue, Apt. 2, Oak Park, Illinois 60304 (US). **CHAUDHARI, Anita** [US/US]; 23c Coachman Square, Clifton Park, New York 12065 (US). **FIALHO, Arsenio** [PT/PT]; Praceta Maestro Ivo Cruz, Lote 23 3 Esq, P-1500-401 Lisbon (PT). **HONG, Chang Soo** [KR/US]; 901 South Ashland Avenue, Apt. 704, Chicago, Illinois 60607 (US).

(74) Agents: **PELTO, Don** et al.; Preston Gates Ellis & Rouvelas Meeds LLP, 1735 New York Avenue, Nw, Suite 500, Washington, District Of Columbia 20006 (US).

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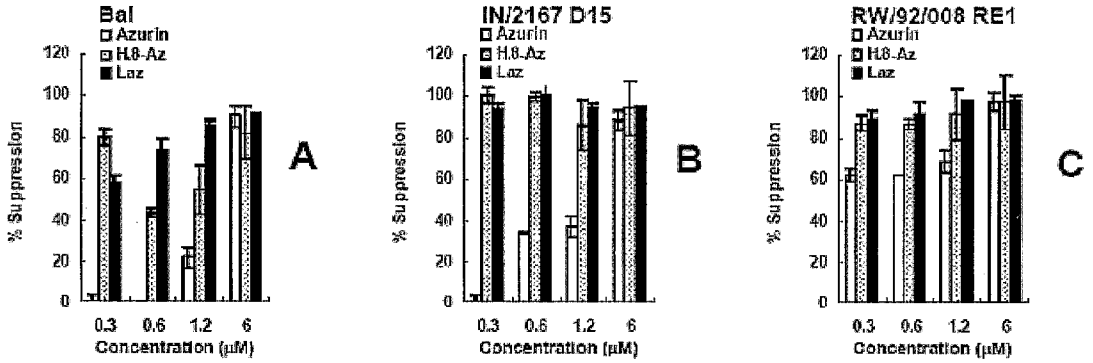
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(54) Title: COMPOSITIONS AND METHODS FOR TREATING HIV INFECTION WITH CUPREDOXIN AND CYTOCHROME C



(57) Abstract: The present invention relates to cupredoxin, specifically Pseudomonas aeruginosa azurin, and/or Pseudomonas aeruginosa cytochrome c551 and their use in inhibiting of viral infection, and in particular infection of mammalian cells by the Human Immunodeficiency Virus (HIV). The invention also relates to variants and derivatives of cupredoxin and cytochrome c that retain the ability to inhibit viral infection, and in particular infection by the Human Immunodeficiency Virus (HIV). The invention also relates to research methods for studying viral and bacterial infection in mammalian cells.

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