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(21) International Application Number: PCT/US98/21313 (22) International Filing Date: 9 October 1998 (09.10.98) (30) Priority Data: 60/062,947 9 October 1997 (09.10.97) US (71) Applicants: BAKER NORTON PHARMACEUTICALS, INC. [US/US]; 4400 Biscayne Boulevard, Miami, FL 33137 (US). THE UNITED STATES OF AMERICA, represented by THE SECRETARY DEPARTMENT OF HEALTH & HUMAN SERVICES [US/US]; Washington, DC 20231 (US). (72) Inventors: STRIKER, Gary, E.; Apartment No. 1204, 1581 Brickell Avenue, Miami, FL 33129 (US). STRIKER, Lilliane; Apartment No. 1204, 1581 Brickell Avenue, Miami, FL 33129 (US). KORTRIGHT, Kenneth, H.; 16435 S.W. 79th Street, Pembroke Pines, FL 33331 (US). (74) Agent: SCHIFFMILLER, Martin, W.; Kirschstein, Ottinger, Israel & Schiffmiller, P.C., 489 Fifth Avenue, New York, NY 10017-6105 (US).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>
(54) Title: METHOD OF PREVENTING NEPHROTOXICITY CAUSED BY CYCLOSPORINS AND TACROLIMUS		
(57) Abstract A method of preventing, reducing or reversing nephrotoxicity or renal dysfunction induced by administration of a cyclosporin or tacrolimus to a mammalian patient. The method comprises the co-administration to the patient, either before, together with or after cyclosporin or tacrolimus administration, of a pharmaceutical composition containing an effective amount of pentosan polysulfate (PPS) or a pharmaceutically acceptable salt thereof. The oral route of administration is preferred. The total daily dosage of PPS or PPS salt ranges from about 2 to about 50 mg/kg of patient body weight, or about 140 to about 3,500 mg per day in adult human patients. Also disclosed are a method of providing immunosuppressive therapy to a patient while avoiding cyclosporin or tacrolimus-induced nephrotoxicity, and combination pharmaceutical compositions to be used in such therapy.		