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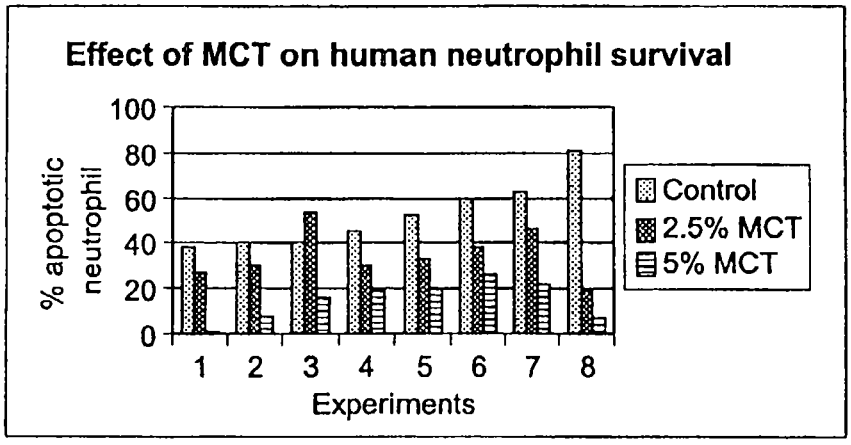
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[Continued on next page]

(54) Title: MEDIUM-CHAIN LENGTH FATTY ACIDS, GLYCERIDES AND ANALOGUES AS NEUTROPHIL SURVIVAL AND ACTIVATION FACTORS



(57) Abstract: A composition and method for promoting neutrophil survival and activation such as the treatment of neutropenia arising as an undesirable side effect of chemotherapy and radiation therapy. A composition containing medium-chain fatty acids, such as capri acid or caprylic acid, or salts or triglycerides thereof, or mono- or diglycerides or other analogues thereof or medium-chain triglycerides (MCT) is administered to a human or animal needing treatment in an amount sufficient to reduce or eliminate neutropenia. The composition is administered in an amount effective to treat the disorder. The methods are also useful in the management of bone narrow transplantation and in the treatment of various neutropenic diseases.

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ACTION

Declarations under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, 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, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)*

— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations*

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