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### United States Patent

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*J. Todd Johnson*

Acting Commissioner of Patents and Trademarks

*Margie V. Turner*

Attest

## United States Patent [19]

Bounous et al.

[11] Patent Number: 5,888,552

[45] Date of Patent: Mar. 30, 1999

- [54] ANTI-CANCER THERAPEUTIC COMPOSITIONS CONTAINING WHEY PROTEIN CONCENTRATE
- [75] Inventors: Gustavo Bounous, Montreal, Phil Gold, Westmount, both of Canada
- [73] Assignee: Immunotec Research Corporation Ltd., Quebec, Canada
- [21] Appl. No.: 381,975
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#### Related U.S. Application Data

- [63] Continuation-in-part of Ser. No. 929,347, Aug. 13, 1992, abandoned, and Ser. No. 896,756, Apr. 10, 1992, Pat. No. 5,456,924, which is a continuation-in-part of Ser. No. 417,246, Oct. 4, 1989, Pat. No. 5,290,571, which is a continuation-in-part of Ser. No. 289,371, Dec. 23, 1988, abandoned, which is a continuation-in-part of Ser. No. 188,276, Apr. 29, 1988, abandoned, said Ser. No. 929,347, is a continuation-in-part of Ser. No. 417,246.
- [51] Int. Cl.<sup>6</sup> ..... A61K 35/20  
U.S. Cl. .... 424/535; 514/2; 514/21; 514/251; 514/276; 514/885; 530/365; 530/833; 426/72
- [58] Field of Search ..... 424/535; 514/2; 514/21, 251, 276, 885; 530/365, 833; 426/72

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#### ABSTRACT

[57] This invention relates to a method of treatment of patients having lesions resulting from cancer cells and to an application as an anti-cancer composition of undenatured whey protein concentrate.