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(71) Applicant (for all designated States except US): **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin Street, 12th Floor, Oakland, California 94607-5200 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **SEERAM, Navindra P.** [GY/US]; 900 Veteran Avenue, Room 12-217, Warren Hall, Los Angeles, California 90024-2703 (US). **HEBER, David** [US/US]; 900 Veteran Avenue, Room 12-217, Warren Hall, Los Angeles, California 90024-2703 (US).

(74) Agent: **SHERWOOD, Pamela J.**; Bozicevic, Field & Francis LLP, 1900 University Avenue, Suite 200, East Palo Alto, California 94303 (US).

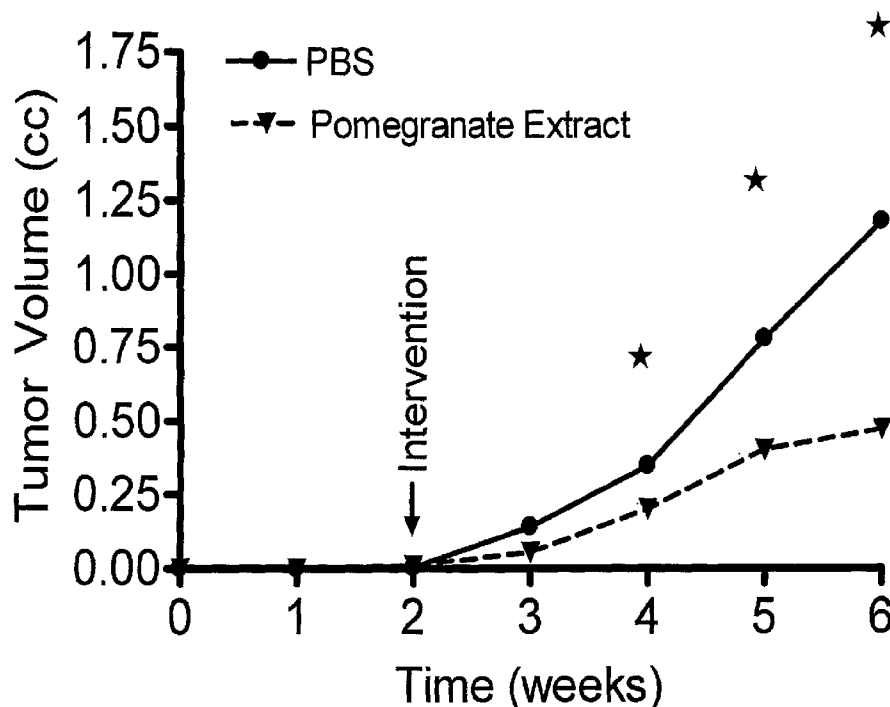
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(54) Title: THERAPEUTIC USES OF UROLITHINS



(57) Abstract: The subject invention is drawn to ellagitannin metabolites (e.g., urolithin) that find use in treating or preventing a neoplastic disease in a subject.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US07/10054

A. CLASSIFICATION OF SUBJECT MATTER IPC(8): A61K 31/35(2006.01) USPC: 514/453 According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 514/453 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Continuation Sheet		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y --- X Y X	CERDA et al. Metabolism of antioxidant and chemopreventative ellagitannins from strawberries, raspberries, walnuts, and oak-aged wine in humans: identification of biomarkers and individual variability. <i>J. Agric. Food Chem.</i> , 2005, vol. 53, pages 227-235. SEERAM et al. In vitro antiproliferative, apoptotic and antioxidant activities of punicalagin, ellagic acid and a total pomegranate tannin extract are enhanced in combination with other polyphenols as found in pomegranate juice. <i>Journal of Nutritional Biochemistry</i> , June 2005, vol. 16, pages 360-367. LARROSA et al. Urolithins, ellagic acid-derived metabolites produced by human colonic microflora, exhibit estrogenic and antiestrogenic activities. <i>J. Agric. Food Chem.</i> March 2006, vol. 54, pages 1611-1620.	1-9 ----- 10-12 1-9 10-12
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
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Date of the actual completion of the international search 07 November 2007 (07.11.2007)	Date of mailing of the international search report <div style="text-align: center; font-weight: bold; font-size: 1.2em;">26 NOV 2007</div>	
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201	Authorized officer James D. Anderson Telephone No. 571-272-9038	

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C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CERDA et al. Identification of urolithin A as a metabolite produced by human colon microflora from ellagic acid and related compounds. J. Agric. Food Chem. 2005, vol. 53, pages 5571-5576	1-12

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Continuation of B. FIELDS SEARCHED Item 3:
PubMed, EAST patent search, MEDLINE

search terms: ellagitannin, ellagitannin metabolite, urolithin, urolithin + (cancer or tumor)