

Title (en)  
FACTORS THAT BIND INTESTINAL TOXINS

Title (de)  
DARMTOXINBINDENDE FAKTOREN

Title (fr)  
FACTEURS DE LIAISON A DES TOXINES BACTERIENNES

Publication  
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Application  
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Abstract (en)  
[origin: WO2004024070A2] Methods for neutralizing bacterial toxins such as Shiga toxins and cholera toxins are disclosed. In a particular embodiment, a method is provided for treating a subject suffering from an infection caused by an Stx-producing organism by administering a therapeutically effective amount of a hop bract tannin obtained from Humulus lupulus. Also provided are methods for isolating polyphenolic compounds that bind Stx molecules, and methods for detecting the presence of Stx molecules in a biological sample. In a disclosed embodiment, a subject infected with a Shiga toxin-producing E. coli strain is treated by enterically administering a high molecular weight fraction of hop bract extract to the subject.

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