

Coprostanol – the revival of an old anthropogenic marker

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*7th Annual LC/MS/MS
Workshop on
Environmental Applications
and Food Safety*

The need...

Analytical challenge

\$

Regulation

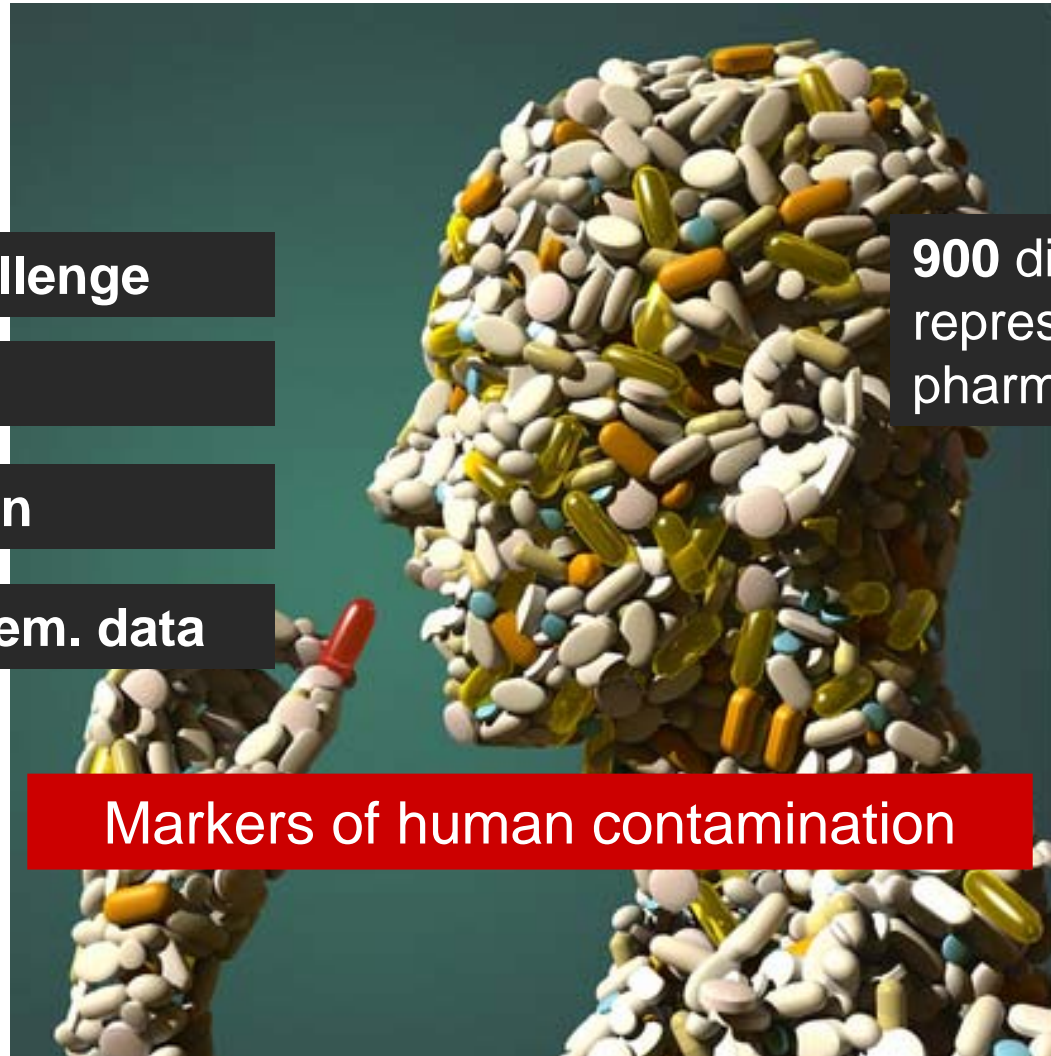
Ecologic and epidem. data

900 different molecules represent 90% of the German pharmaceutical market*

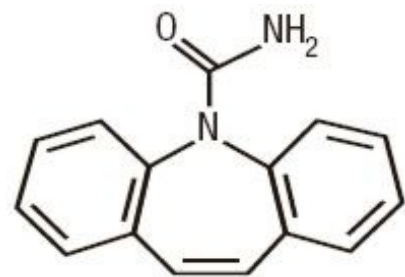
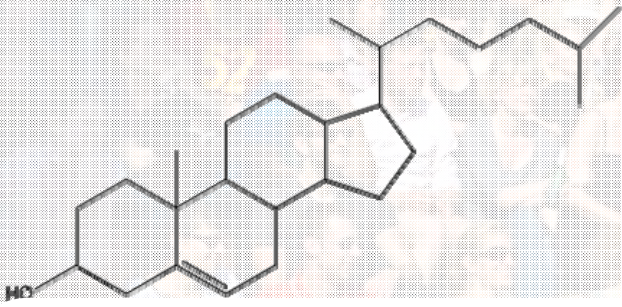
* Kümmerer, K., Chemosphere 45 (2001) 957-969

Markers of human contamination

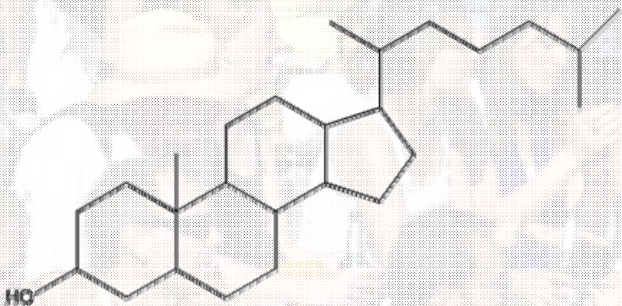
Head of pills – The Pills have eyes
Source: Singularityhub.com, March 2009



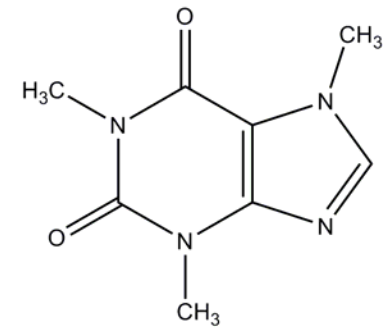
Anthropogenic Markers



Carbamazepine



Coprostanol



Caffeine

The Sunday afternoon karaoke in Mauerpark, Berlin. May 24th 2009.

Acknowledgments



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O NOVO NORTE
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