

Cancer in  
humans

Cancer in  
experimental animals

Mechanistic and  
other relevant data  
– Preamble Part B, Section 6(c)

– Identify established and  
likely mechanistic events

Are there consistent results in different experimental systems? Is  
the overall database coherent?

Has each mechanism been challenged experimentally? Does  
suppression of key mechanistic processes lead to suppression  
of tumour development?

Are there alternative explanations?

(Uneven support for different hypotheses may reflect only that  
uneven resources were devoted to their study)

– Determine whether each  
mechanism could  
operate in humans

Could different mechanisms operate in different dose ranges, in  
humans and experimental animals, or in a susceptible group?