Biofilms are increasingly associated with changes in host tissue function and, thus, have potential to impact disease development and progression. This talk will focus on the discovery of individual bacteria and communities in human colon biofilm formation and the potential impact on colon cancer initiation and progression. Ideas on how detection of biofilms may be useful in clinical medicine and, specifically, in the prevention of human colon cancer will be discussed. Gaps in knowledge that may inform future research will be presented.