



# BIOTECHNOLOGY AND DEVELOPMENT



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# **The risk of nations**

**In the “US” products are safe until proven risky.**

**In “France” products are risky until proven safe.**

**In the “UK” products are risky even when proven safe.**

**In “India” products are safe even when proven risky.**

**In “Canada” products are neither safe nor risky.**

**In “Japan” products are either safe or risky.**

**In “Brazil” products are both safe and risky.**

# Coffee please...






# In the beginning

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- **Origins**
  - **Jurists**
  - **Al-ibaha al-asliya**
  - **Bid'a**



# Mecca

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- **1511**
  - **Khair-Beg**
  - **Sultan of Cairo**
  - **Khair-Beg goes**



# **Ignorant assess**





- **“Your physicians are asses. Our lawyers and physicians in Cairo are better informed. They recommend the use of Coffee, and I declare that no faithful will lose heaven because he drinks coffee.”**



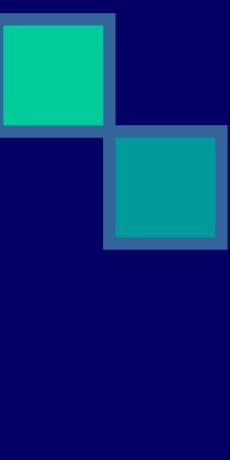


# The devil's drink

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- **Pope Clement VIII (1593-1605):**
  - **“Why, this Satan’s drink is so delicious ... it would be a pity to have the infidels have exclusive use of it. We shall fool Satan by baptizing it and making it a truly Christian beverage.”**
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# French wine...

- **French doctors, 1679: “We note with horror that this beverage...has tended almost completely to disaccustom people from the enjoyment of wine.”**
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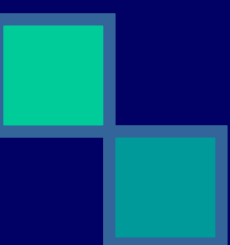



# **“Science” steps in...**

- **Coffee “dried up the cerebrospinal fluid and the convolutions...the upshot being general exhaustion, paralysis, and impotence.”**
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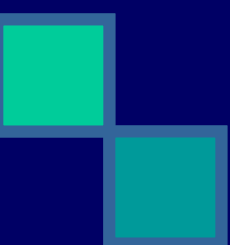



# Women fight back

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- Womens petition (1674): “We find of late...*Decay* of that true *Old English Vigour*...Never did Men wear *greater Breeches*, or carry *less* in them of any *Mettle* whatsoever.”
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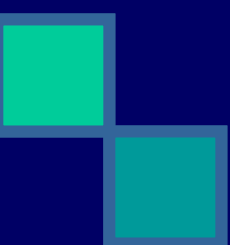



# The condition

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- Due to “the Excessive use of that Newfangled, Abominable, Heathenish Liquor called *Coffee*, which...has so *Eunucht* our Husbands, and *Crippled* our more kind gallants.... They come from it with nothing *moist* but their snotty Noses, nothing *stiffe* but their Joints, nor *Standing* but their Ears.”
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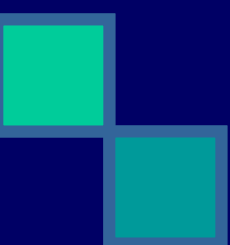



# Banning coffee houses

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- **Charles II (1675):**
  - **Coffeeshouses are where “false malicious and scandalous reports are devised and and spread abroad to the Defamation of his Majestie’s Government, and to the Disturbance of the Peace and Quiet of the Realm.”**
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# Germans and beer...

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- **Frederick the Great (1777):**
  - **“It is disgusting to see the quantity of coffee used by my subjects, and the amount of money that goes out of the country. My people must drink beer. His Majesty was brought up on beer, and so were his ancestors.”**
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# Lessons from history

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- **Compatibility with tradition**
  - **The novelty factor**
  - **Threats to social and political order**
  - **“Slippery slope”**
  - **Economic competition**
  - **Shared risks and benefits**
  - **Framing of debates**
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