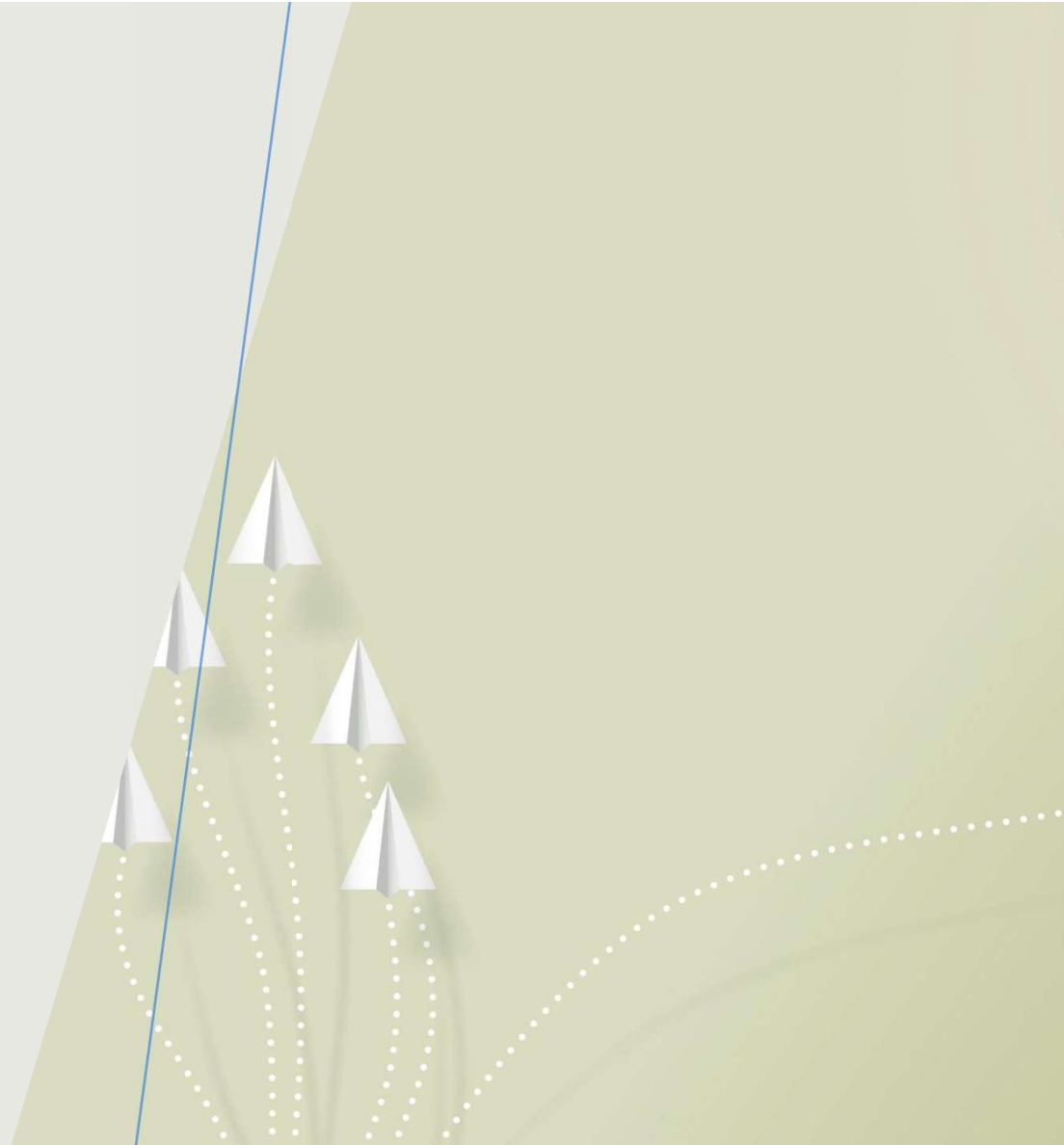


# *TOBACCO SMOKING EFFECT ON ORAL CAVITY BACTERIA*

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# HEALTHY HUMAN ORAL BACTERIA

- Many different groups and species present (Viridans streptococci, Fusobacterium, Neisseria)
- Important part of digestive health for humans
- Generally, greater diversity indicates health

*(Bacterial Flora of the Human Oral Cavity, and the Upper and Lower Esophagus...: MARQCATplus Discovery Search, n.d.)*

# HEALTHY HUMAN ORAL BACTERIA CONTINUED

- 71.9% of oral bacteria were found to be anaerobic
- 22.8% of oral bacteria were found to be aerobic
- Differences noted between smokers and non-smokers

(Saleh et al., 2016)

# ORAL BACTERIA IN SMOKERS

## General trends

- Gram positive and negative cocci presence decreases
- Gram positive and negative cocci presence increases
- Aerobic bacteria presence increased in smokers to 36.2%
- Anaerobic bacteria presence decreased in smokers to 57.3%

(Saleh et al., 2016)