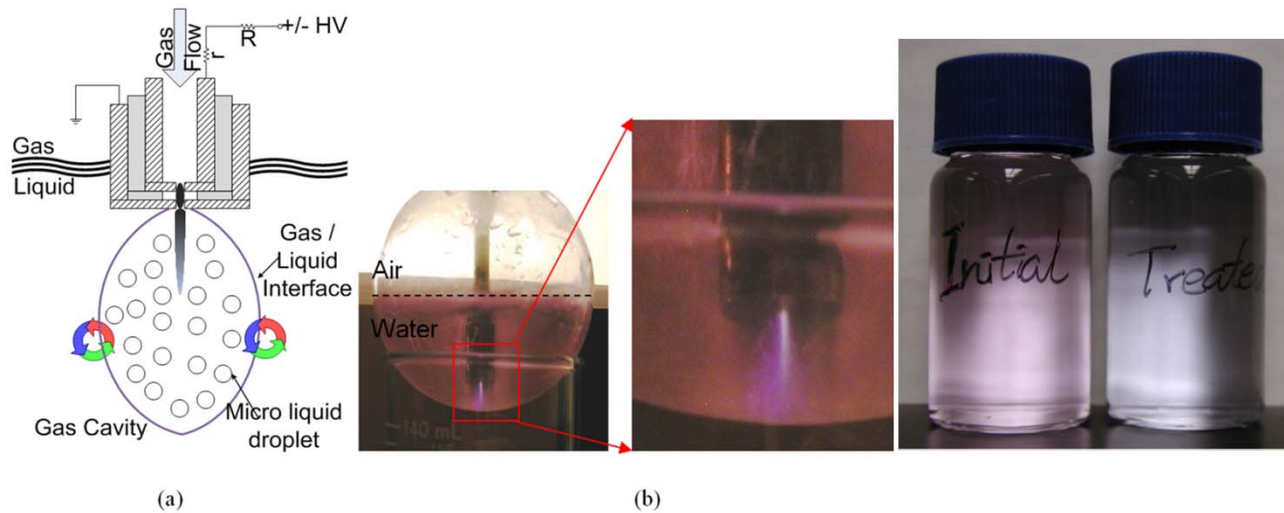


# Fundamental Studies of Atmospheric Pressure Microhollow Cathode Discharge Plasma Jet Interaction with Liquid Media

WeiDong Zhu, Department of Applied Science and Technology,  
Saint Peter's College, Jersey City, NJ 07306



Stable DC microplasma is sustained in Rhodamine WT contaminated water and can effectively reduce the concentration of contaminant with time

Reactive species such as atomic oxygen and OH radical are considered the cause of reduction of contamination. Meanwhile, copper from the electrode also enters the liquid, which theoretically is easier to get out than organic contaminants.

