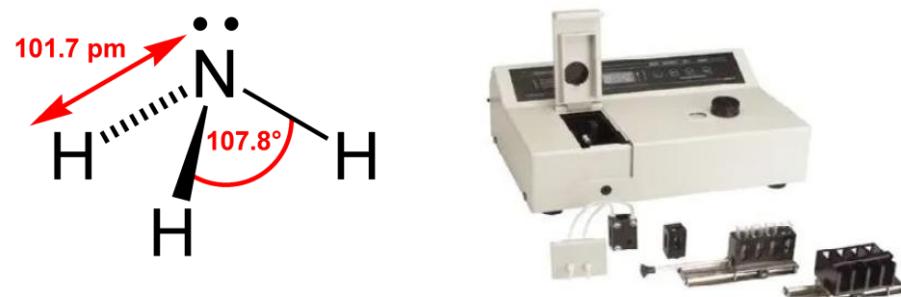


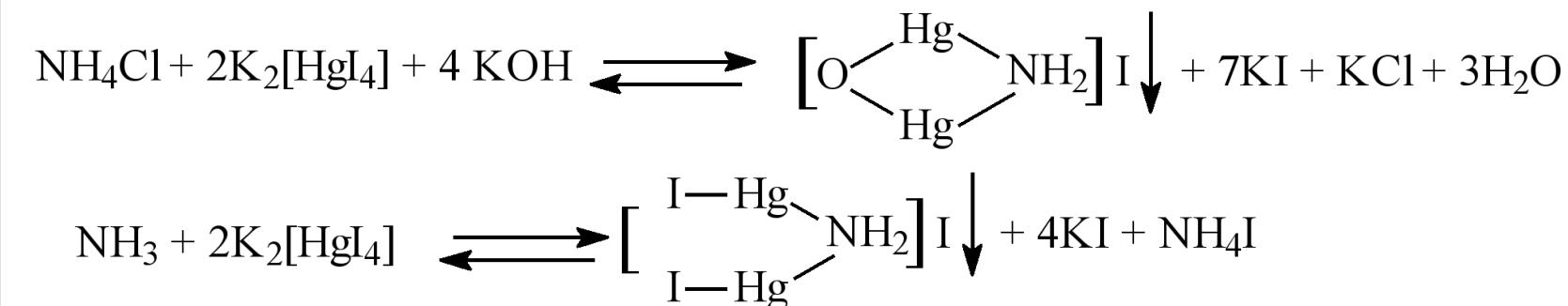


# Ammonia – new green fuel or inevitable danger?

## Physicochemical characteristics



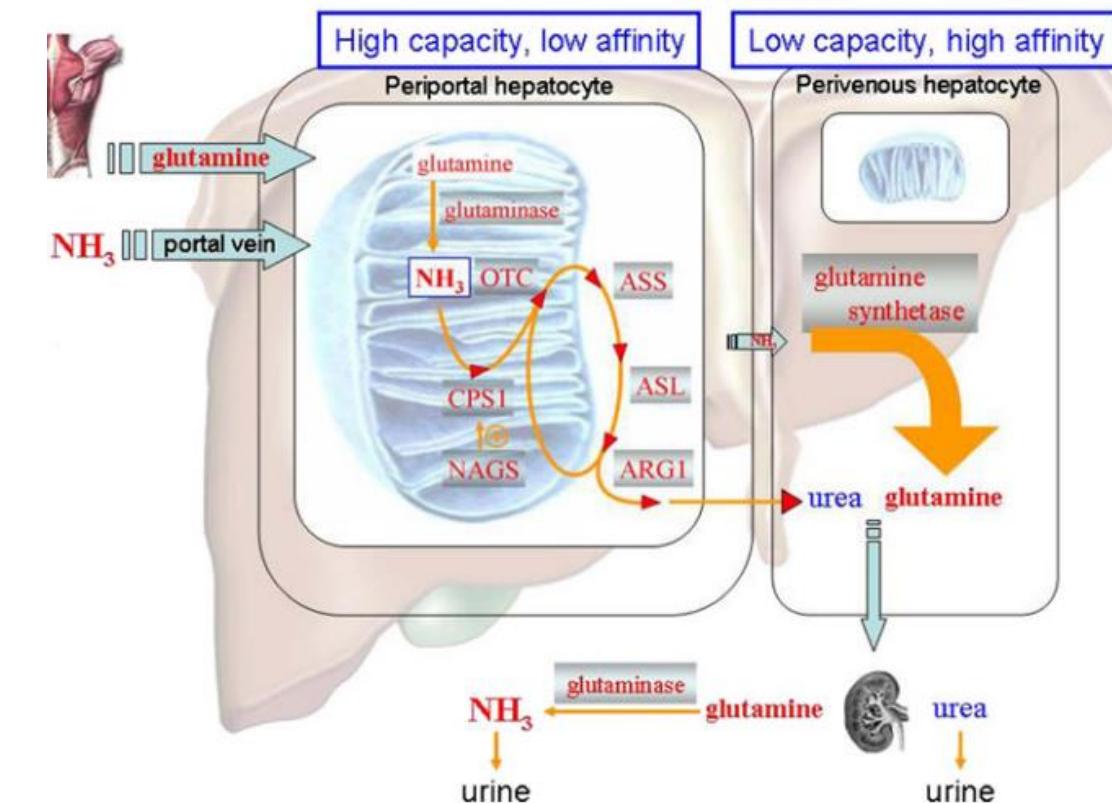
## Determination of ammonium ions in water



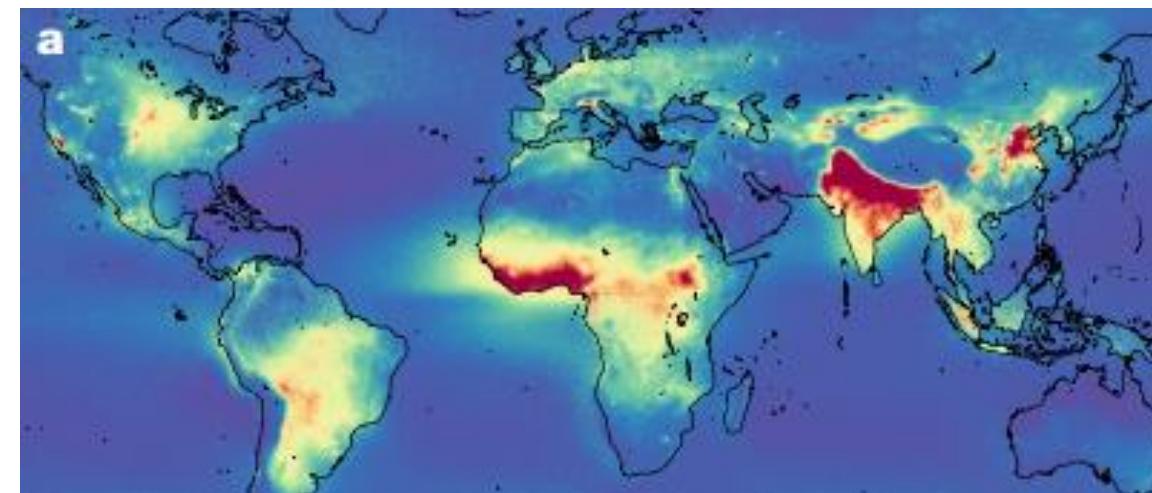
## Ammonia poisoning and effects on the body

Symptoms of Hyperammonemia	
General	- Growth retardation - Hypothermia
Muscular/Neurologic	- Poor coordination - Dysdiadochokinesia - Hypotonia or hypertonia - Ataxia - Tremor - Seizures - Decorticate or decerebrate posturing
Central	- Combative ness - Lethargy - Coma
Eyes	- Papilledema
Pulmonary	- Shortness of breath
Liver	- Enlargement

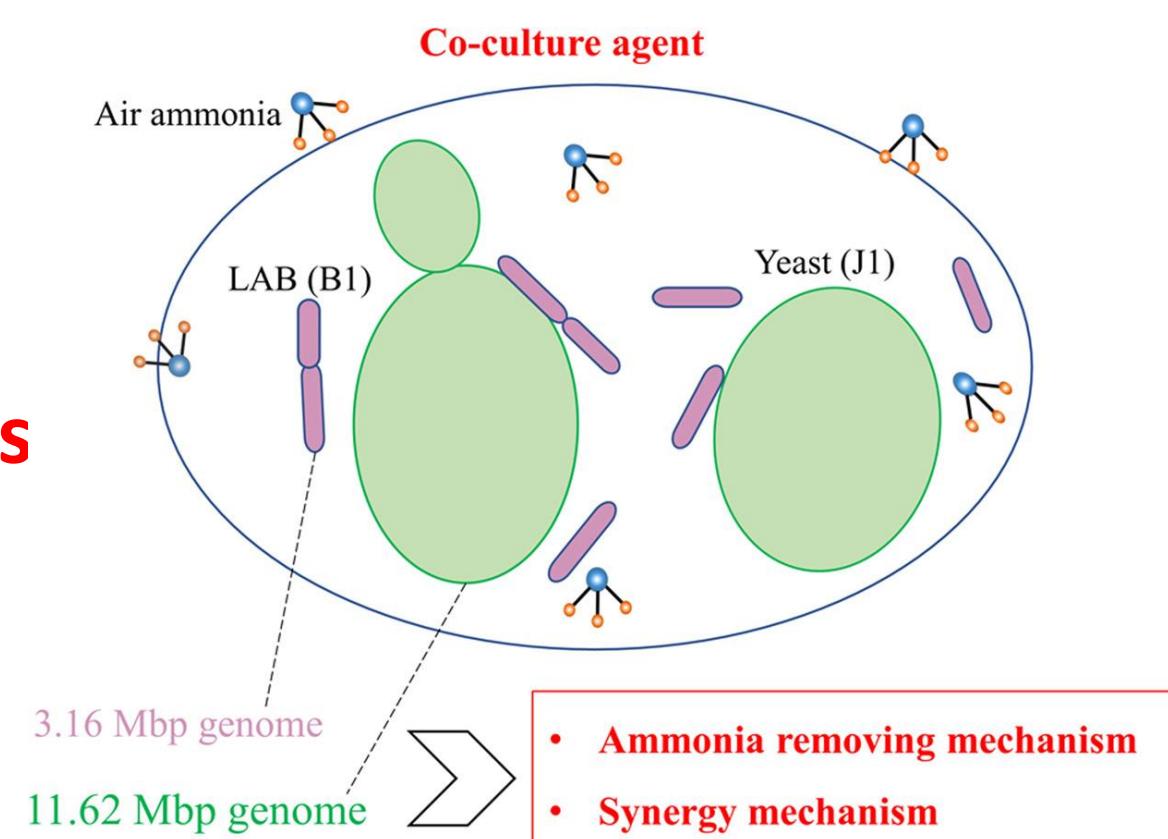
## Metabolism and biotransformation



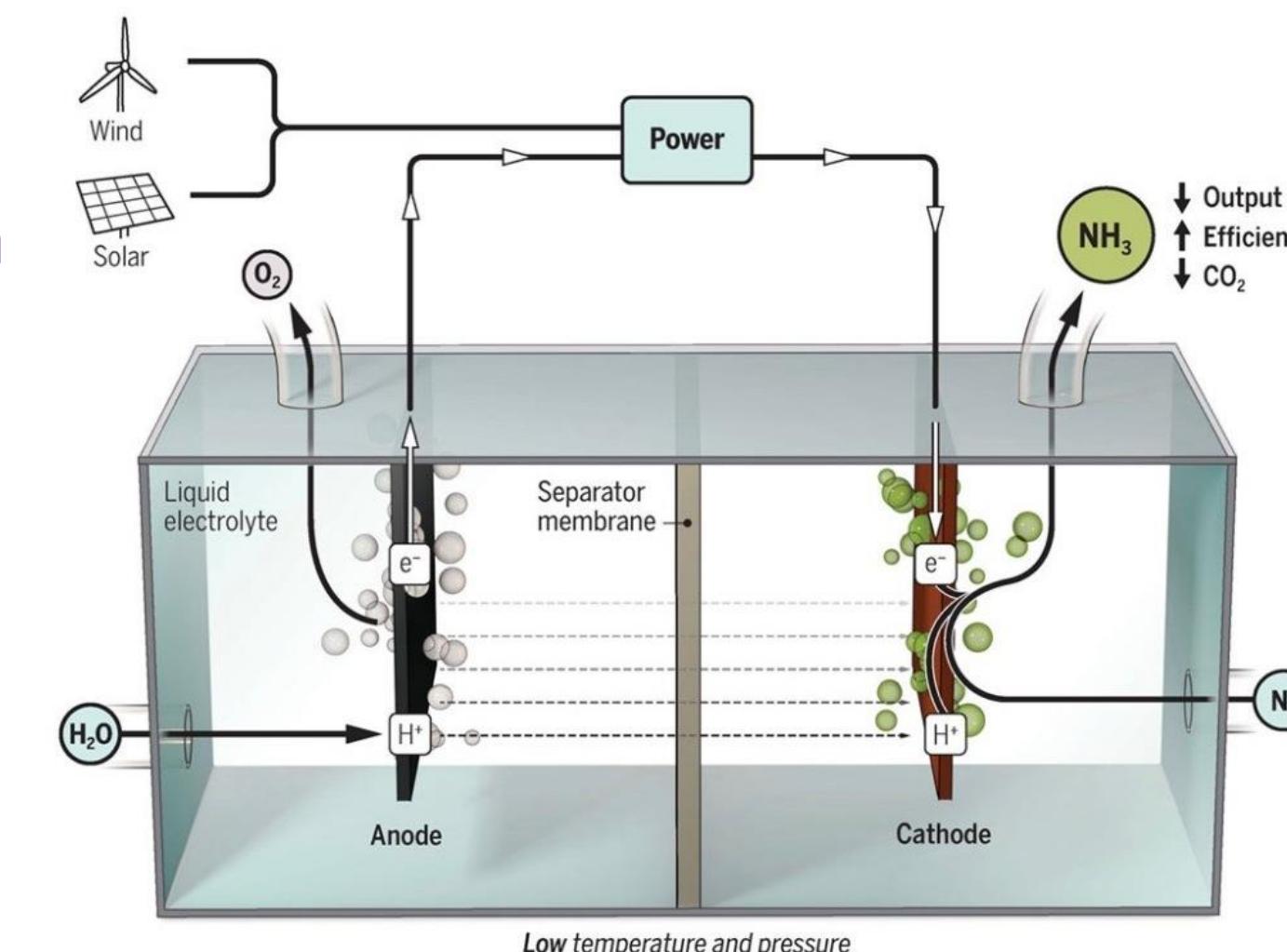
## Sources and problem of pollution



## Microbiological cleaning methods



## Ammonia as green fuel



## How green ammonia is made

