

# Overview

## Micro

- Fastidious GNR
- > 50 subspecies  
Pneumophila 1 most common

Incubation 2-14d

Transmission H<sub>2</sub>O

Travel-associated 25%

Season > 50% Summer/Autumn



# Legionella

## Clinical Features

### Overview

Multisystem Dz w/ COG = Lungs

### Pulm

- Unilobar PNA  
Most common
- Other
  - ↳ Multifocal Opacities
  - ↳ Nodular/Cavitary rare

### ExtraPulm

#### GI

Diarrhea  
Hepatitis

#### Renal

AIN

#### Neuro

Headache  
Encephalitis

### Labs

- ↓ Na
- ↑ AST/ALT < 300
- ↑ Cr AIN
- ↑ CK < 5000

## Dx

### Urine Ag

- Pneumophila 1 only
- Sen 70-90% Spec 99%

### Serology

- Sen 50% Spec 95%

### Sputum Cx

- Detects all subspecies
- Sen 80% Spec 99%

## Rx

- Levofloxacin
- Azithromycin