

# Mucinous cells in bronchoscopy specimen



**Dr. Wolfgang Pokieser**

Labor für Klinische Zytologie  
Pathologisch-bakteriologisches Institut  
Wilhelminenspital, Vienna; Austria

- A 75 year old woman presenting with mild cough bilateral miliary pattern on the chest X-ray and elevated tumor markers CEA and Cyfra, but no laboratory signs of inflammation was evaluated by bronchoscopy. Miliary tuberculosis, fungus infection or malignancy were the differential diagnosis to be confirmed or excluded, respectively.
- Bronchoscopy showed normal bronchial conditions, brush biopsy and peripheral forceps biopsy were sampled under control of rapid on-site cytology.



