

### EXAMPLES OF HYPERSENSITIVITY PNEUMONITIS

ASSOCIATION	DISEASE	ANTIGEN	SOURCE
Farming	Farmer's lung	Thermophilic actinomycetes; fungi, especially <i>Aspergillus</i> sp	Vegetable compost (moldy grain, hay, silage)
	Tobacco grower's lung	<i>Aspergillus</i> sp, <i>Scopulariopsis brevicaulis</i>	Tobacco plants
	Mushroom worker's lung	Thermophilic actinomycetes, <i>Hypsizigus marumoreus</i>	Mushroom compost
	Potato riddler's lung	Thermophilic actinomycetes, <i>Aspergillus</i> sp	Moldy hay around potatoes
	Cheese washer's lung	<i>Penicillium casei</i> , <i>Aspergillus clavatus</i>	Moldy cheese
	Bagassosis	Thermophilic actinomycetes	Moldy bagasse (sugar cane)
	Compost lung	<i>Aspergillus</i> sp	Compost
	Wine grower's lung	<i>Botrytis cinerea</i>	Moldy grapes
	Coffee worker's lung	Coffee bean dust	Coffee beans
Water	Sewer worker's lung	<i>Cephalosporium</i> sp	Contaminated basement (sewage)
	Tap water lung	Unknown	Contaminated tap water
	Humidifier lung	<i>Aureobasidium</i> sp, <i>Candida albicans</i> , thermophilic actinomycetes	Contaminated water in humidification or air-conditioning systems
	Hot tub lung	<i>Cladosporium</i> sp, <i>Mycobacterium avium</i> complex	Contaminated mist and mold on ceilings and around tub
	Sauna taker's lung	<i>Aureobasidium</i> sp	Contaminated sauna water
Birds	Bird fancier's lung	Parakeet, pigeon, chicken, turkey, and duck proteins	Avian droppings or feathers
Animals	Sausage worker's lung	<i>Penicillium nalgiovense</i>	Dry sausage mold
	Pituitary snuff taker's lung	Animal proteins	Heterologous (bovine, porcine) pituitary snuff
	Furrier's lung	Animal fur dust	Animal pelts
	Laboratory worker's hypersensitivity pneumonitis	Rodent proteins	Male rat urine and fur
	Fish food lung	Unknown	Fish food
	Fish meal worker's lung	Fish meal dust	Fish meal dust
	Mummy handler's lung	Unknown	Cloth mummy wrappings
	Grains	Miller's lung	<i>Sitophilus granarius</i> (wheat weevil)
Malt worker's lung		<i>Aspergillus</i> sp	Moldy barley

**EXAMPLES OF HYPERSENSITIVITY PNEUMONITIS—Continued**

ASSOCIATION	DISEASE	ANTIGEN	SOURCE
Milling and construction	Woodworker's lung	Wood dust, <i>Alternaria</i> sp, <i>Bacillus subtilis</i>	Oak, cedar, pine, spruce, and mahogany dusts
	Wood trimmer's disease	<i>Rhizopus</i> , <i>Mucor</i> spp	Contaminated wood trimmings
	Wood pulp worker's disease	<i>Penicillium</i> sp	Oak and maple tree pulp
	Sequoiosis	<i>Aureobasidium</i> , <i>Graphium</i> spp	Redwood sawdust
	Thatched-roof worker's disease	<i>Saccharomonospora viridis</i>	Dried grass and leaves
Industry	Detergent worker's lung	<i>Bacillus subtilis</i>	<i>Bacillus subtilis</i> enzymes in detergent
	Chemical worker's lung	Isocyanates	Polyurethane foam, varnishes, lacquer
	Vineyard sprayer's lung	Copper sulfate	Copper sulfate use
Textiles	Byssinosis (brown lung)	Mill dust	Cotton, flax, and hemp dust
	Lycoperdonosis	Puffball spores	Folk medicine