

## Oral Abstracts

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#### NEW MUSHROOM POISONING SYNDROME IN CHINA

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**Abstract:** Mushroom poisoning is the most important cause of food poisoning-related deaths in China. In the past few years, 2 types of less well-reported mushroom poisoning occurred annually with an apparent upward trend. One was porcini mushroom which was usually dried and packed for packing for selling in markets or supermarkets. The resultant poisoning syndrome was either early onset gastrointestinal and/or hallucinogenic that lasted for days. The cause was due to undifferentiated collection of both toxic and non-toxic Boletacea in the manufacture of porcini mushroom. The other mushroom poisoning syndrome that was increasingly reported in China since 2013 was of the rhabdomyolytic type. The clinical presentation was usually severe with a reported mortality up to >50%. The causes of death were toxic myocarditis and multi-organ failure. The cause of poisoning was mistaking the toxic *Russulasubnigrans* for other edible *Russula* species. The last was known as the Yunan sudden death syndrome associated with the consumption of *Trogiavenenata* reported since 1978. The syndrome involved sudden deaths that clustered in time and place with an apparent familial trend that happened in villages in Yunan. Although the toxicological mechanism had not been worked out, epidemiological evidence and reduction in incidence after educational effort against consumption of the mushroom were supportive of the causation.