## **Chemistry Advent 2023**





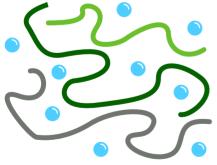
## **Romania: Piftie**

Cooling

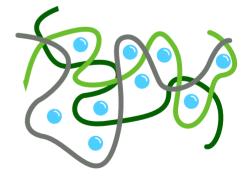


Piftie (or răcitură) is a pork jelly encasing boiled meat and mashed garlic. The jelly is made by boiling collagen-rich meat parts, such as pig trotters, along with carrots and other vegetables. This produces a broth, with boiling hydrolysing the insoluble collagen to produce soluble gelatin. As it cools, the gelatin forms a network which traps water, forming the jelly.

KEY: 🔧 Polypeptide chains 🔵 Water molecules



Heating



Gelatin at > 15 °C

Gelatin at < 15 °C