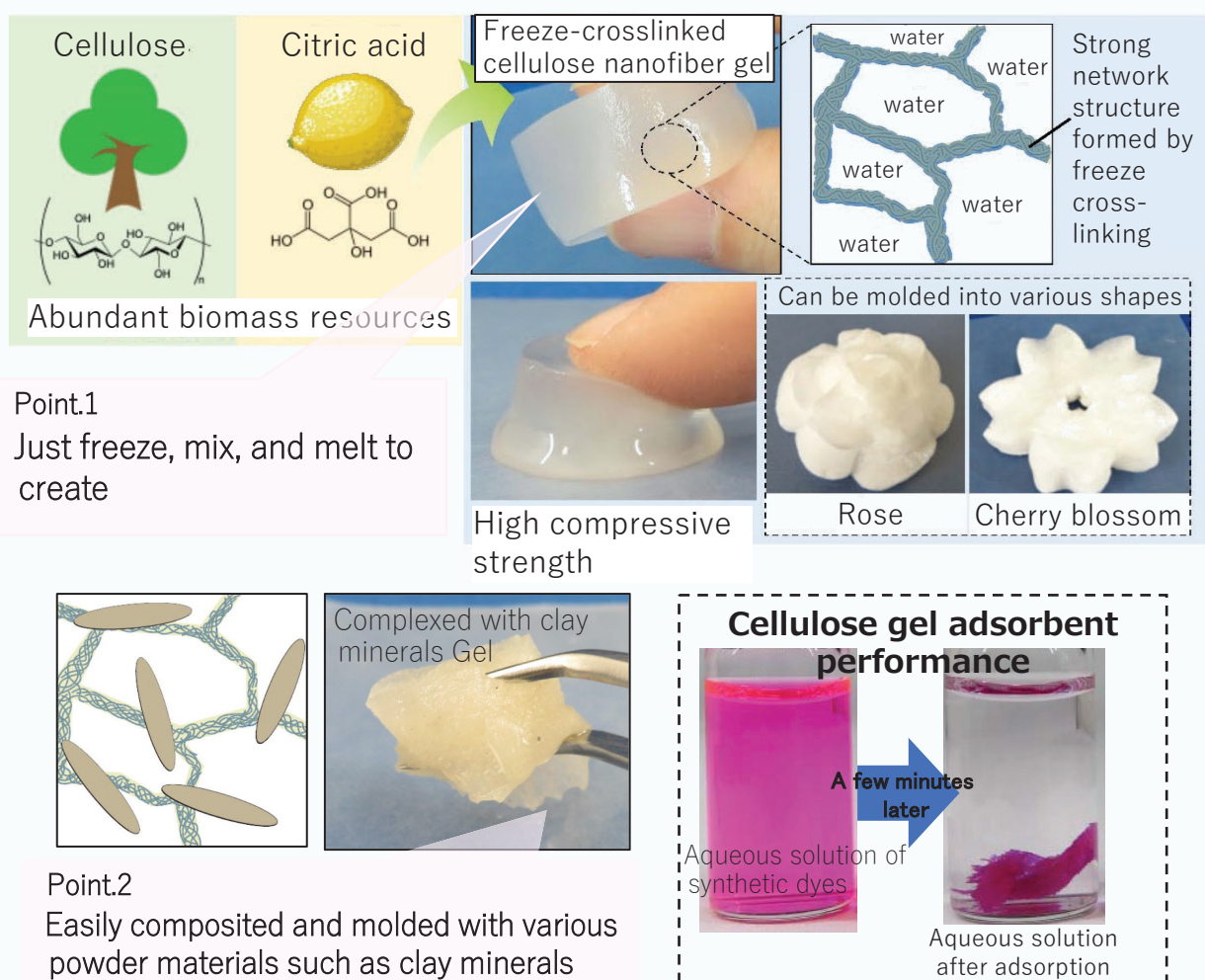


Hydrogels, and methods of producing gels or porous materials

- Success in improving strength of cellulose hydrogel materials using freezing phenomena
- Characterized by biodegradability, high moldability, and adsorptivity for toxic substances
- Anticipated to be developed into environmental purification materials and biomaterials

Keywords : Biomass material, Freezing, Cellulose, Adsorption, Biodegradable, High strength, High moldability



Stage of Technology



Fields of use

- Decontamination in the environmental field
- Nuclear, environment, civil engineering, construction
- Cell culture, regenerative medicine

Information of intellectual property

WO2021/256038

Technical details

