

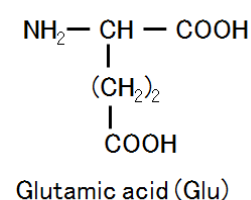
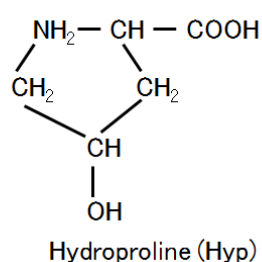
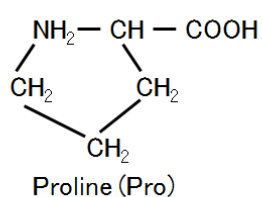
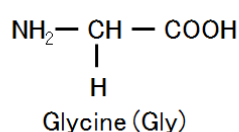
Preparation of nanostructured CeCO_3OH particles from aqueous solutions and gels containing biological polymers and their thermal conversion to CeO_2

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(a)

< Components of gelatin >

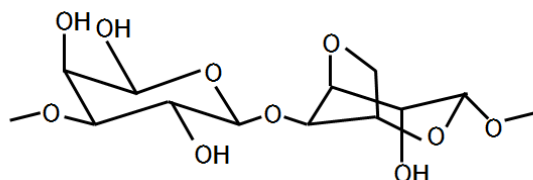


< Structure of gelatin >

e.g.) $-\text{Gly}-\text{Pro}-\text{Hyp}-\text{Gly}-\text{Glu}-\text{Hyp}-$

(b)

< Structure of agar >



Supporting Information Figure S1. Typical structures of gelatin (a) and agar (b).*

*Schnepp, Z. Biopolymers as a Flexible Resource for Nanochemistry. *Angew. Chem. Int. Ed.* **2013**, 52, 1096.