CLAIMS

Claim 1. A scaffolding material for culturing a stem cell,

the scaffolding material comprising a synthetic resin, and having

a nitrogen content of the synthetic resin of 0.1% by mass or more and 10% by mass or less,

wherein the synthetic resin contains a polyvinyl acetal resin having a degree of acetalization of 54% or more.

Claim 2. The scaffolding material for culturing a stem cell according to claim 1, wherein the synthetic resin contains a Bronsted basic group in an amount of 1 mol% or more and 50 mol% or less.

Claim 3. The scaffolding material for culturing a stem cell according to claim 2, wherein the Bronsted basic group is an amine-based basic group.

Claim 4. The scaffolding material for culturing a stem cell according to claim 2 or 3, wherein the synthetic resin contains at least one selected from the group consisting of a structural unit having an amine structure,

a structural unit having an imine structure and a structural unit having an amide structure.

Claim 5. The scaffolding material for culturing a stem cell according to any one of claims 1, 2 and 4, wherein the synthetic resin contains a structural unit having an amide structure.

Claim 6. The scaffolding material for culturing a stem cell according to any one of claims 1, 2 and 4, wherein the synthetic resin contains both of a structural unit having an imine structure and a structural unit having an amine structure.

Claim 7. The scaffolding material for culturing a stem cell according to any one of claims 1 to 6, wherein the synthetic resin contains a polyvinyl acetal resin having a degree of acetalization of 60% or more.

Claim 8. The scaffolding material for culturing a stem cell according to any one of claims 1 to 6, wherein the synthetic resin contains a polyvinyl butyral resin.

Claim 9. The scaffolding material for culturing a stem cell according to any one of claims 1 to 8, wherein the stem cell is a pluripotent stem cell.

Claim 10. A container for culturing a stem cell, comprising the scaffolding material for culturing a stem cell according to any one of claims 1 to 9.

Claim 11. A carrier for culturing a stem cell, comprising

the scaffolding material for culturing a stem cell according to any one of claims 1 to 9, and

a polysaccharide.

Claim 12. A fiber for culturing a stem cell, comprising the scaffolding material for culturing a stem cell according to any one of claims 1 to 9.

Claim 13. A method for culturing a stem cell, using the scaffolding material for culturing a stem cell according to any one of claims 1 to 9.