CLAIMS

Claim 1. A cell culture scaffold material, comprising ~~a peptide-conjugated polyvinyl alcohol derivative having a polyvinyl alcohol derivative portion~~ a peptide-conjugated polyvinyl acetal resin having a polyvinyl acetal resin portion and a peptide portion,

the cell culture scaffold material having a hydroxyl value of ~~1,100~~ 800 mgKOH/g or less.

Claim 2. A cell culture scaffold material, comprising ~~a peptide-conjugated polyvinyl alcohol derivative having a polyvinyl alcohol derivative portion~~ a peptide-conjugated polyvinyl acetal resin having a polyvinyl acetal resin portion and a peptide portion,

~~the peptide-conjugated polyvinyl alcohol derivative~~the peptide-conjugated polyvinyl acetal resin having a hydroxyl value of ~~1,100~~ 800 mgKOH/g or less.

Claim 3. The cell culture scaffold material according to claim 1 or 2, wherein the peptide portion has a cell-adhesive amino acid sequence.

Claim 4. The cell culture scaffold material according to claim 3, wherein the cell-adhesive amino acid sequence has at least an RGD sequence, a YIGSR sequence, or a PDSGR sequence.

Claim 5. The cell culture scaffold material according to claim 3 or

4, wherein the cell-adhesive amino acid sequence has at least the RGD sequence represented by Formula (1) below:

Arg-Gly-Asp-X ... Formula (1)

In Formula (1) above, X represents Gly, Ala, Val, Ser, Thr, Phe, Met, Pro, or Asn.

Claim 6. The cell culture scaffold material according to any one of claims 1 to 5, wherein the peptide portion is composed of 3 or more and 10 or less amino acids.

Claim 7. The cell culture scaffold material according to any one of claims 1 to 6, wherein ~~the polyvinyl alcohol derivative portion~~ the polyvinyl acetal resin portion and the peptide portion are bound via a linker portion.

~~Claim 8. The cell culture scaffold material according to any one of claims 1 to 7, wherein the peptide-conjugated polyvinyl alcohol derivative is a peptide-conjugated polyvinyl acetal resin having a polyvinyl acetal resin portion and the peptide portion.~~

Claim ~~9~~8. A cell culture vessel, comprising a vessel body and

the cell culture scaffold material according to any one of claims 1 to ~~8~~7,

the cell culture scaffold material being arranged on a surface of the vessel body.