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| NO | QUESTION | ANSWER |
| 1 | "Can you show me all compounds and their associated studies?" | MATCH (N:Compound)-[:has\_studies]->(M:Study)  RETURN N.Name, COLLECT(M.Name) AS Studies; |
| 2 | What is the study type of the study with ID '12345'?" | MATCH (M:Study {StudyId: '12345'})-[:has\_studytype]->(O:Studytype)  RETURN M.Name AS StudyName, O.Name AS StudyType; |
| 3 | "Which organizations are associated with studies on a specific organ, let's say 'Heart '?" | MATCH (O: Organization)-[:has\_Org]->(:Studytype)-[:has\_studies]->(M:Study {Organ: 'Heart'})  RETURN O.Name AS OrganizationName, COLLECT(M.Name) AS StudiesOnHeart; |
| 4 | "Find all studies conducted on a specific cell type, for example, ' Cell line' | MATCH (M:Study)-[:has\_studies]->(N:Compound)  WHERE M.Celltype = ' Cell line'  RETURN M.Name AS StudyName, N.Name AS CompoundName; |
| 5 | "Show me the details of studies associated with a particular organization, BDS | MATCH (O:Organization {Name: BDS'})-[:has\_Org]->(:Studytype)-[:has\_studies]->(M:Study)  RETURN O.Name AS OrganizationName, M.Name AS StudyName, M.Organ AS Organ, M.Organism AS Organism; |
| 6 | "What are the studies related to a specific compound, 5-amino-1,3,3-trimethyl-1-cyclohexylmethyl)amine | MATCH (N:Compound {Name: 5-amino-1,3,3-trimethyl-1-cyclohexylmethyl)amine'})-[:has\_studies]->(M:Study)  RETURN N.Name AS CompoundName, COLLECT(M.Name) AS RelatedStudies; |
| 7 | "List all unique study types available in the knowledge graph. | MATCH (O:Studytype)  RETURN DISTINCT O.Name AS UniqueStudyTypes; |