**Prisma flow diagram**

## Validation

## Process selection

## Materials selection

Validation of the results and findings

Possible applications on the basis of valid results

Studies for material characterization

Studies for biomedical application of scaffold

## Application luded

Characterization

study

Process optimization

Fabrication of gel-GO nano-composite hydrogel system

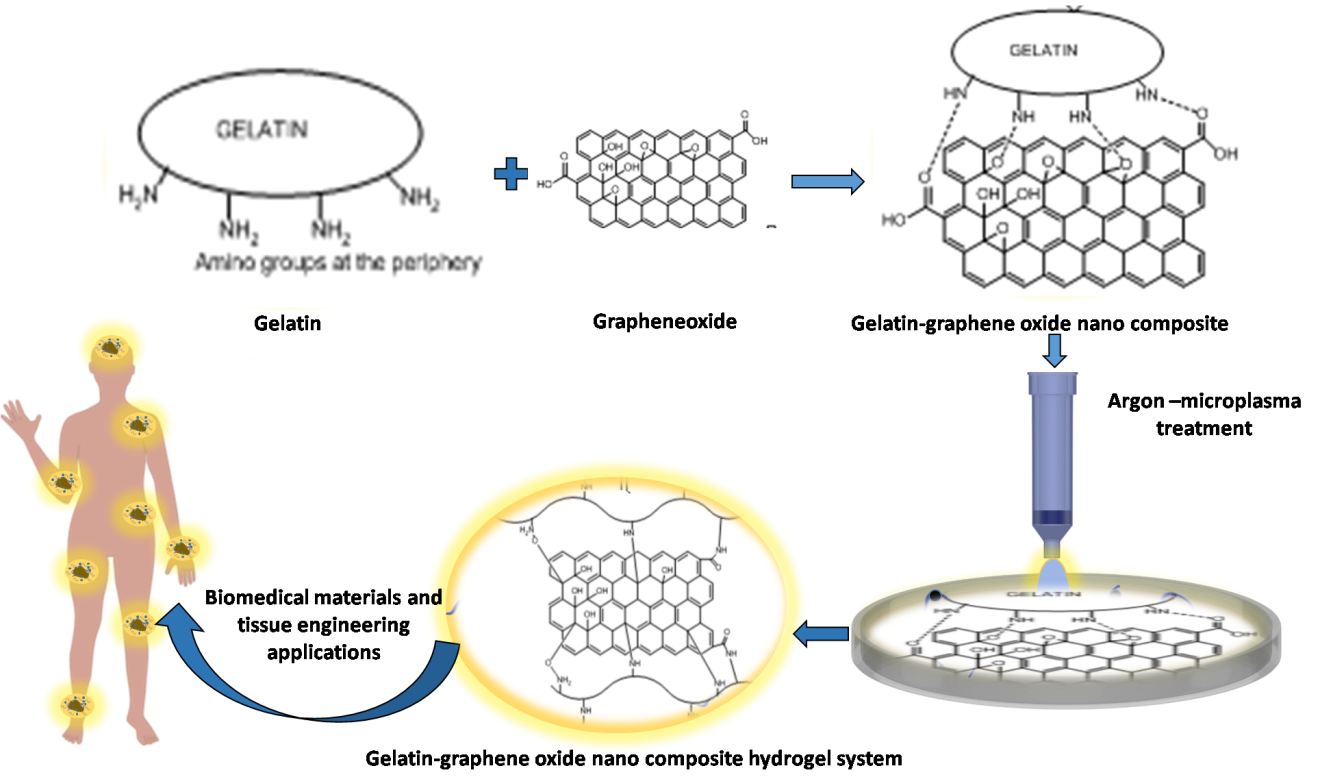
Argon-microplasma as energy source

Gelatin and Graphene oxide

**Microplasma-assisted hydrogel fabrication: A novel method for gelatin-graphene oxide nano composite hydrogel synthesis for biomedical application**

Polymeric hydrogel scaffold for biomedical application

Safe and novel process selection for biomedical application in fabrication of scaffold

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