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Working group from Kaunas University of Technology:

Virginija Jankauskaitė, Prof.

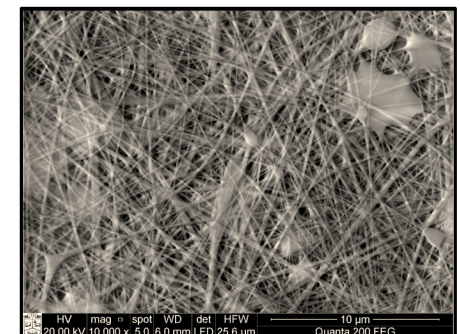
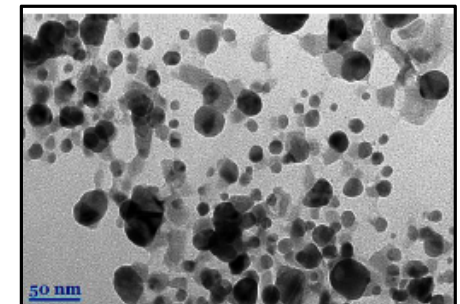
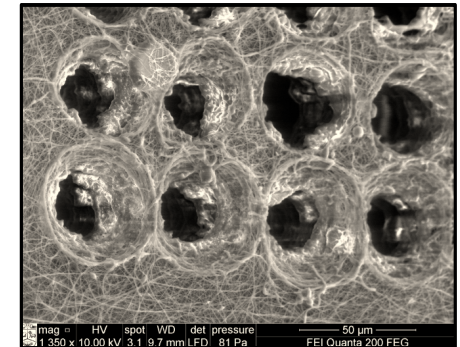
Sigitas Stanys, Prof.

Julija Baltušnikaitė – Guzaitienė, Assoc. Prof.

Evaldas Bolskis, student

Expertise in:

- formation of electrospun materials from polymers solutions (pure PVA, PVP, PLA, PCL, PEO and et.c) for biomedical application;
- formation and investigation of polymer materials for drug delivery systems, tissue engineering;
- synthesize and investigation of metal nanoparticles for biomedical application;
- polymer nanocomposites, especially related to issues of nanofiller (e.g., nanoclay, carbon nanotube), properties and behaviour.



Expected benefits and activities during participation in **BIONECA**:

- Share experience with groups who work with functionalization and characterization of biopolymers;
- Share experience with groups who form polymer's scaffolds for tissue engineering;
- Would like to learn from groups who are experienced in growing nerve, heart cells on polymer scaffolds;
- Would like to learn about new biopolymers in tissue engineering;
- Would like to collaborate for new projects` applications.

Foreseen maximum contribution: in WG 1

Main scientific articles of KTU working group:

<https://www.ncbi.nlm.nih.gov/pubmed/26981531>

<http://www.tandfonline.com/doi/full/10.1080/00405000.2017.1341295>

<https://www.hindawi.com/journals/jnm/2017/8612819/ref/>

<https://www.ncbi.nlm.nih.gov/pubmed/27370911>

<https://www.ncbi.nlm.nih.gov/pubmed/28598370>

