



The HUJI Nanocenter presents its
2018th Annual Conference awards for

NanoArt

A grand vision on a tiny scale

Name: Benzion Amoyav

Supervisor: Dr. Ofra Benny

Department: School of pharmacy, Institute for drug research, faculty of medicine.

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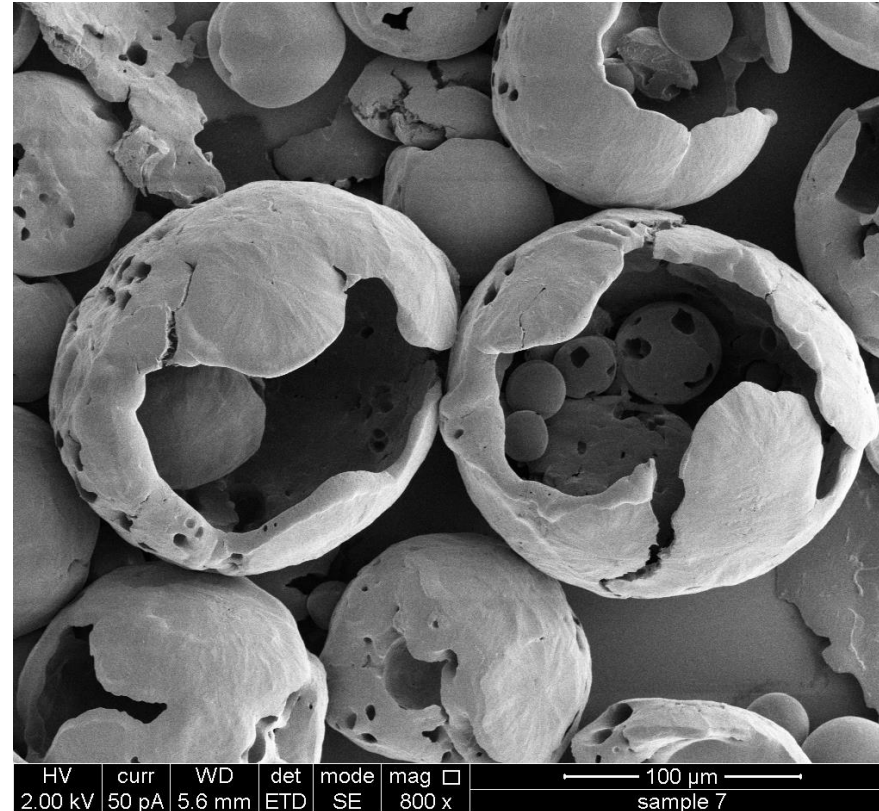
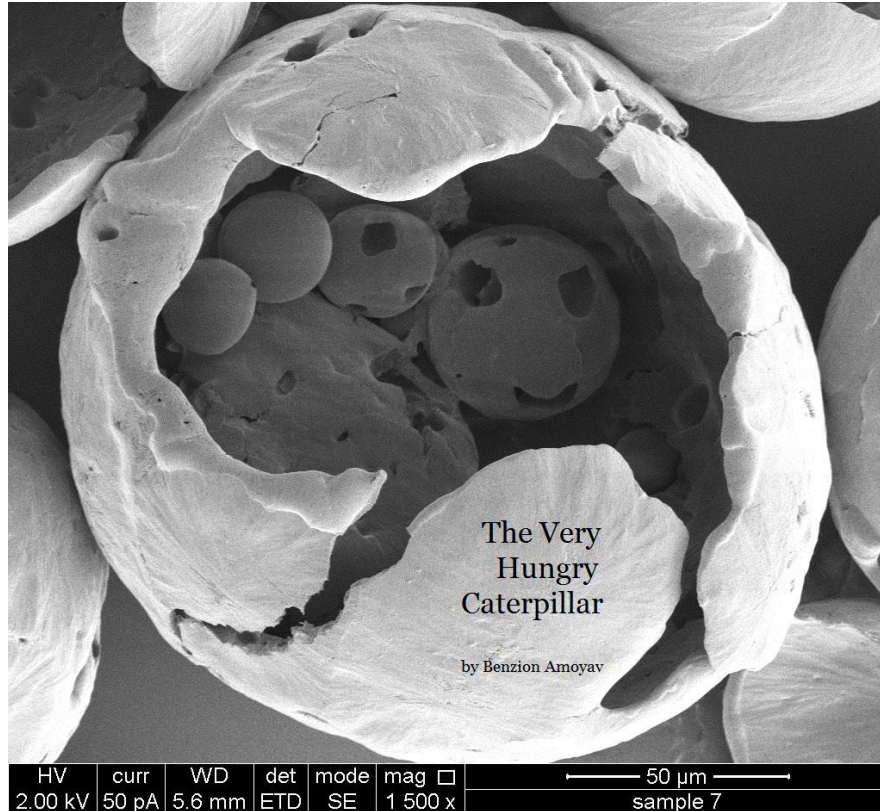
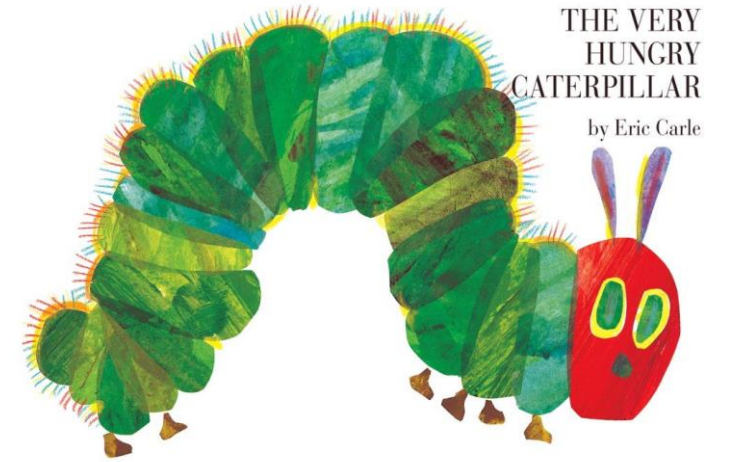
Date taken: 20.11.2017 at the nano-center, Givat-ram

Title: The Very Hungry Caterpillar

Caption: Polycaprolactone (PCL) 12% particle prepared using double emulsion method.

Personal statement:

"One Sunday morning the warm sun came up and - pop! - out of the egg came a tiny and very hungry caterpillar." (Eric Carle)



Name: S N Raju Kutcherlapati

Supervisor: Prof. Roy Shenhar

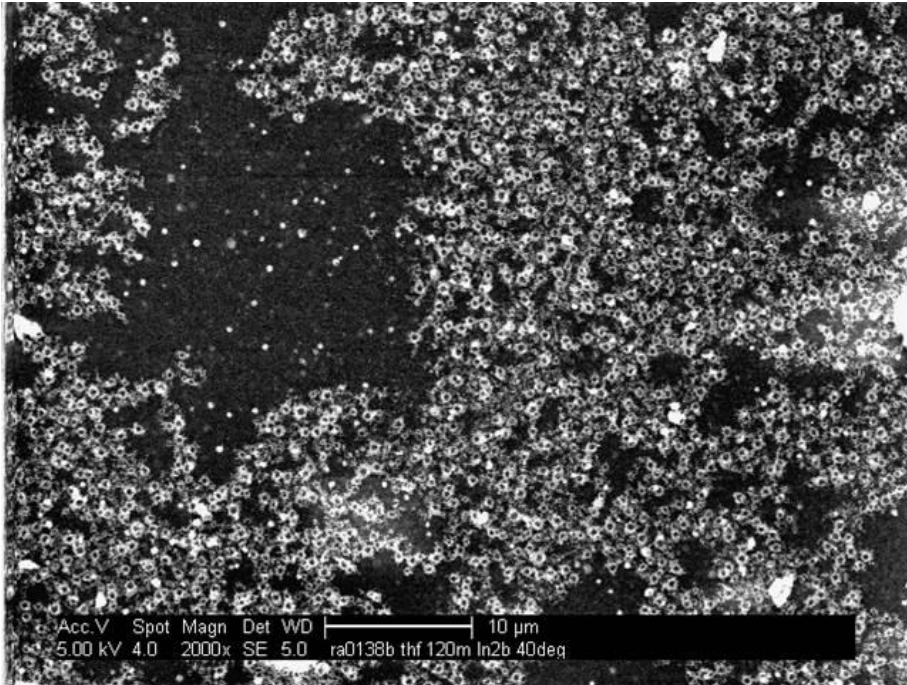
Department: institute of Chemistry, Philadelphia building 209, 02-6586272

Email: raju.k@mail.huji.ac.il

Date taken: 13.09.2017 (SEM)

Title: Nano flower garden

Figure caption: Flower garden kind of image was observed due to the crystallization of gold NPs during solvent vapor annealing of a block copolymer with AuNPs on a SiO_x wafer.



Full Name: Gowripriya Sakala

Supervisor: Prof. Meital Rechtes

Department: Institute of Chemistry

Telephone #: 054 956 1160

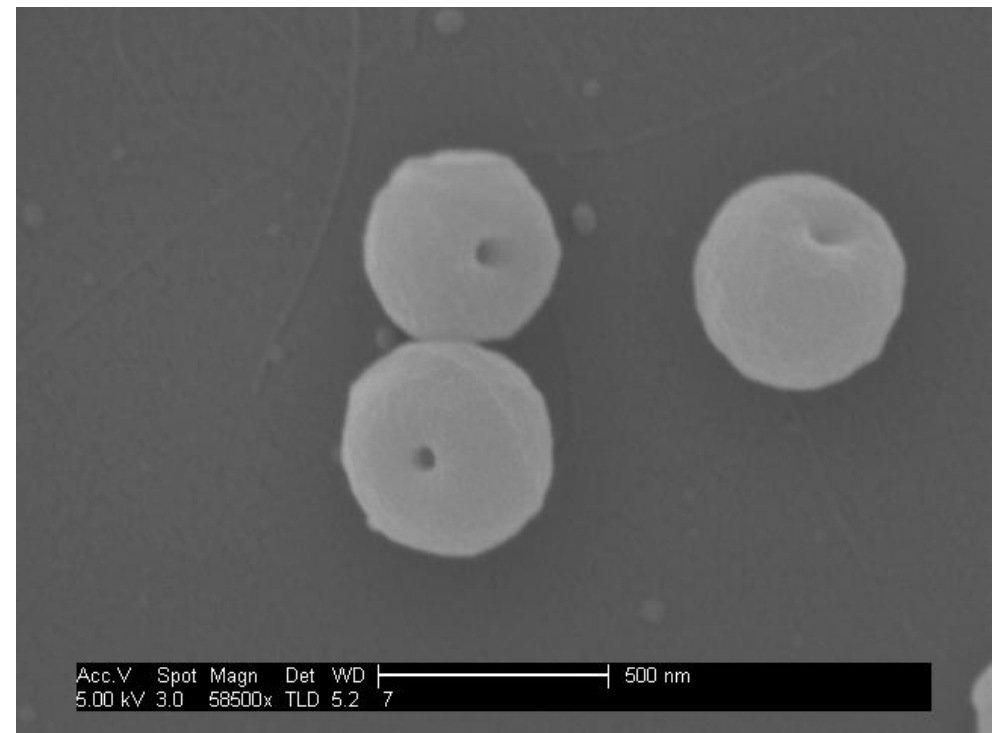
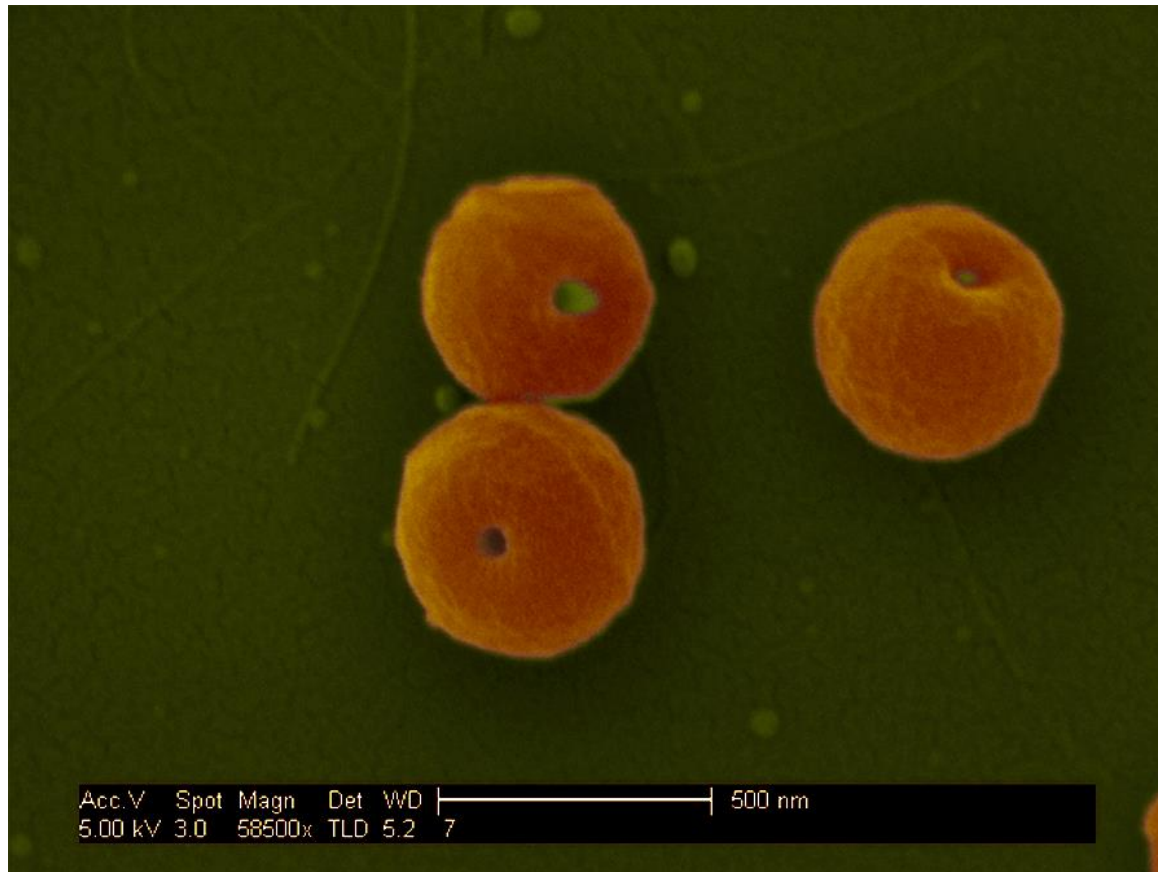
Email: priya.sakala@gmail.com

Date taken: 04-02-2016

Title: Nano Oranges

Caption: Peptide self-assembly resembling the structure and shape of an orange.

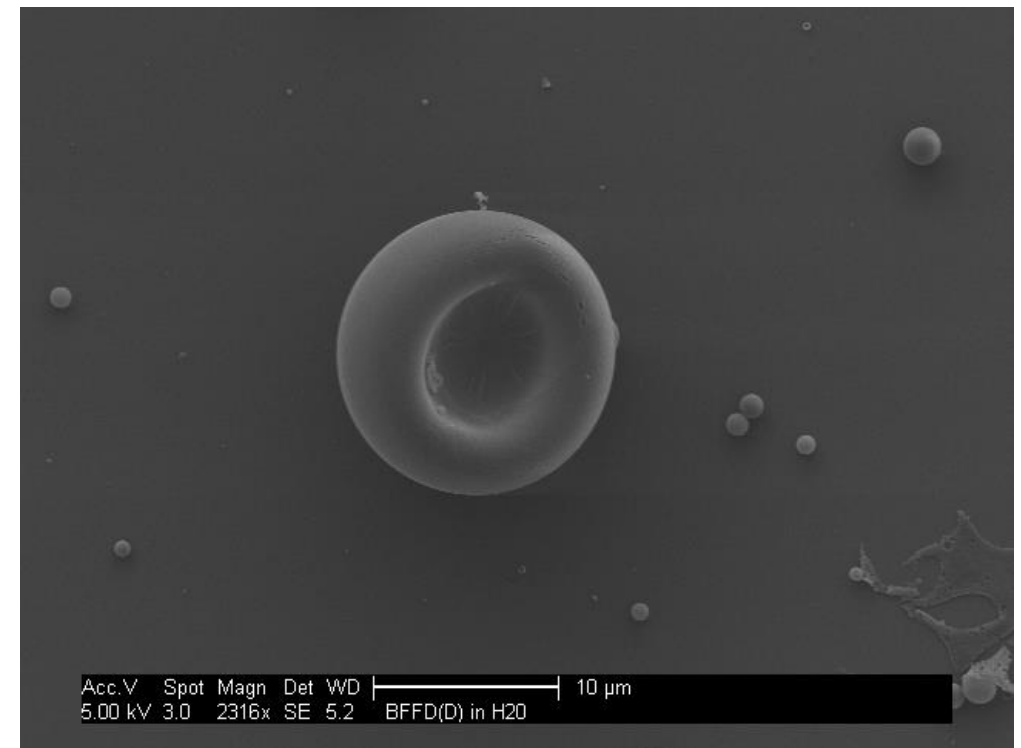
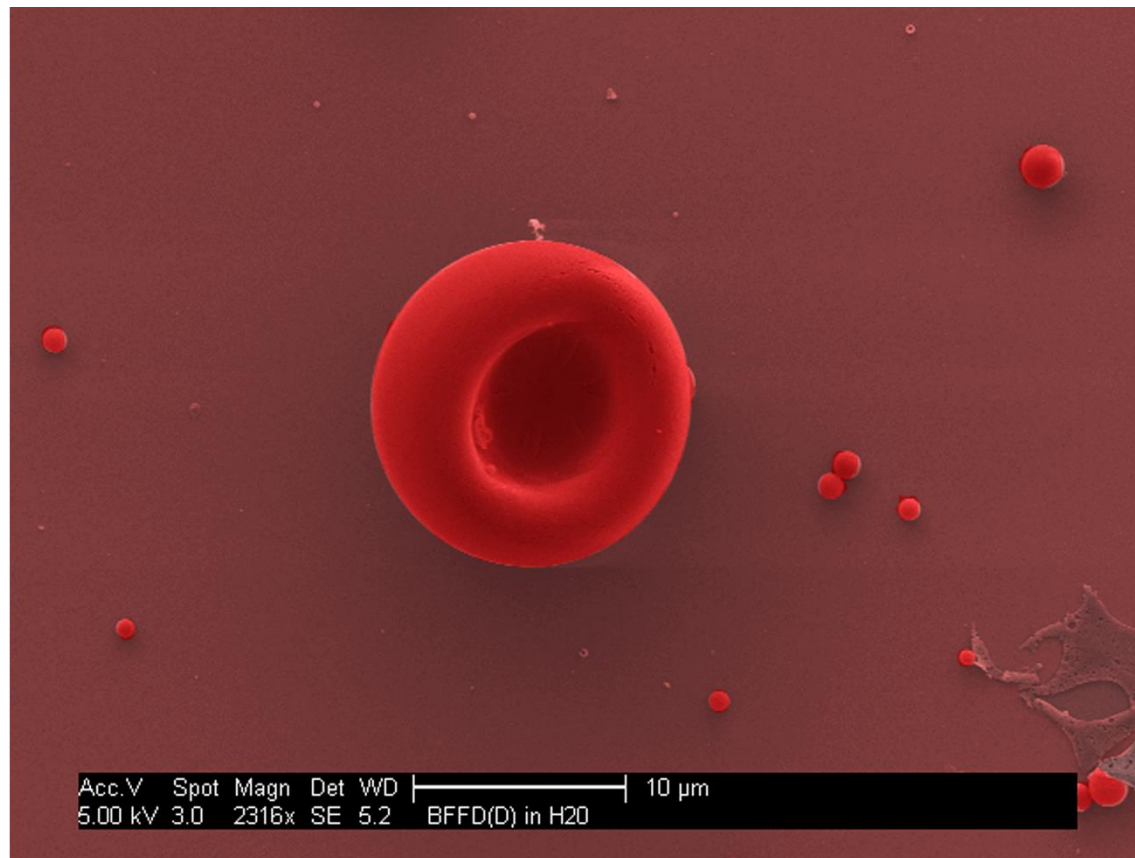
Personal statement: free text describing your personal view of the scientific content, as depicted in the submitted image (up to 16 words)



Full Name: Gowripriya Sakala
Supervisor: Prof. Meital Reches
Department: Institute of Chemistry
Telephone #; 054 956 1160
Email: priya.sakala@gmail.com
Date taken: 26-10-2017
Title: Nano Red Blood Cell

Caption: Self-assembly of a tripeptide mimicking the morphology of a red blood cell.

Personal statement: free text describing your personal view of the scientific content, as depicted in the submitted image (up to 16 words)



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Supervisor: Prof. Meital Reches

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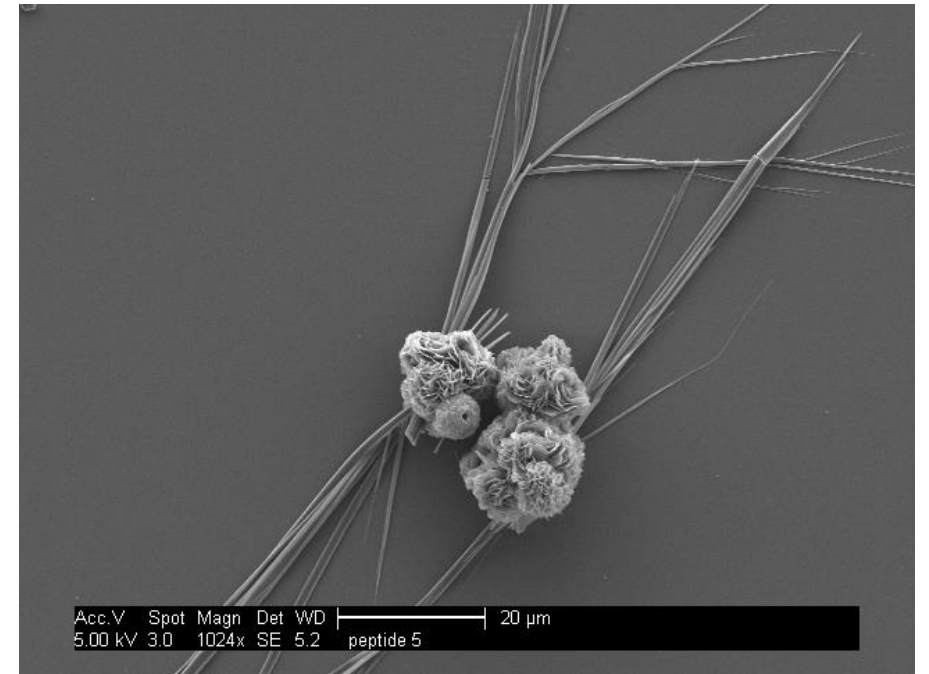
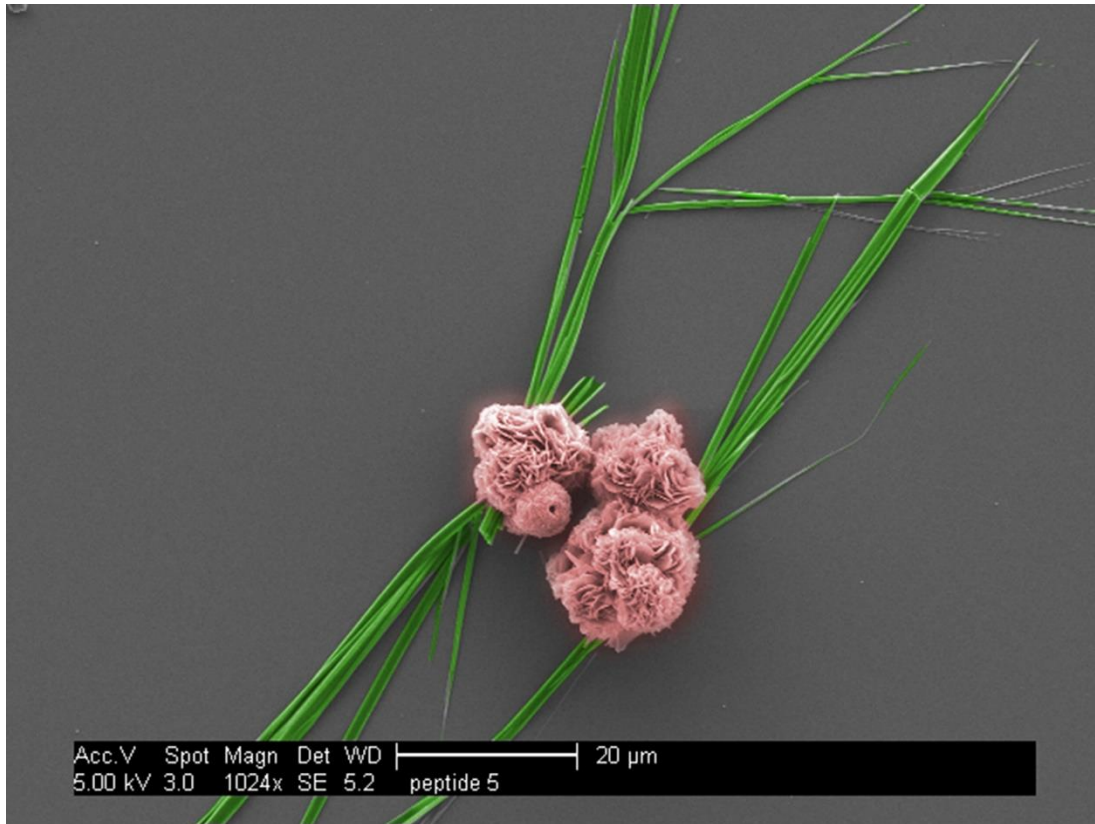
Date taken: 29-06-2016

Title: Nano Roses

Caption: A brief description of the scientific content:

Co-assembly of two self-assembling peptides which form spheres and straight fibres individually.

Personal statement: free text describing your personal view of the scientific content, as depicted in the submitted image



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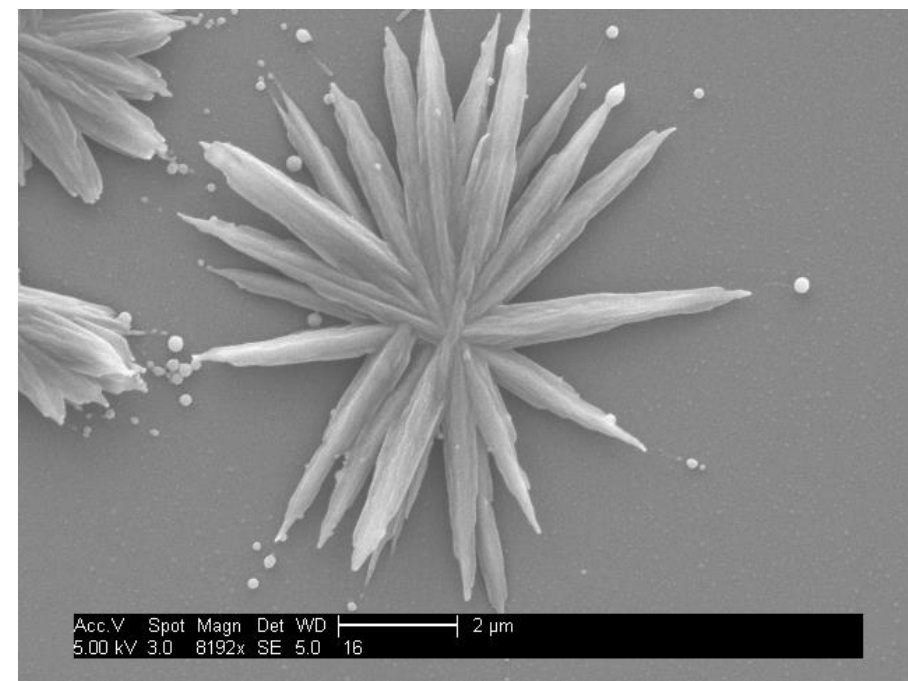
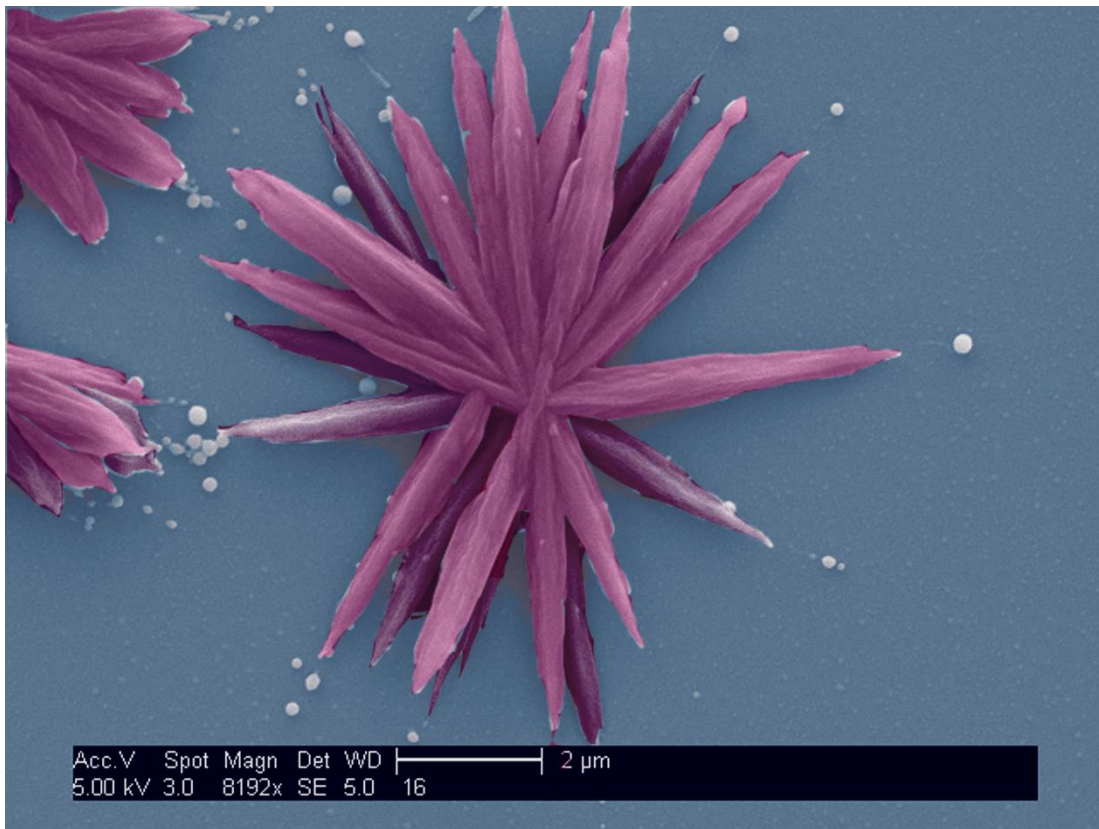
Date taken: 05-09-2016

Title: Nano flower floating on water

Caption: A brief description of the scientific content:

Self-assembly of a hydrophobic small peptide into flower like structures in methanol and water system.

Personal statement: free text describing your personal view of the scientific content, as depicted in the submitted image



Name: S N Raju Kutcherlapati

Supervisor: Prof. Roy Shenhar

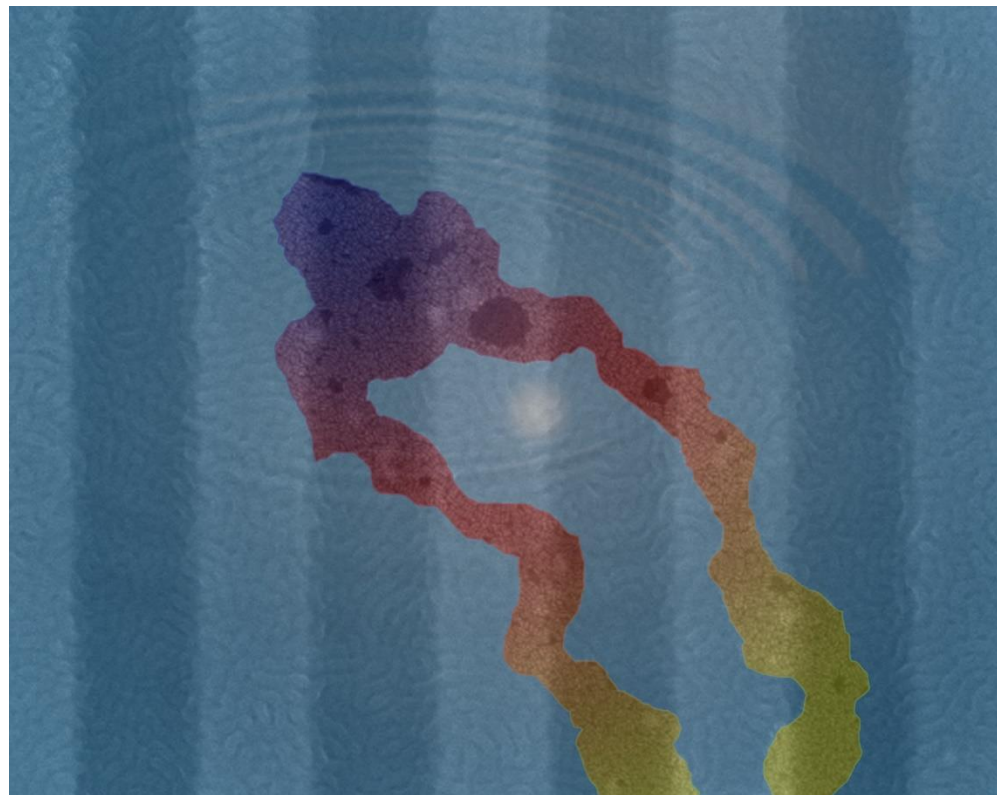
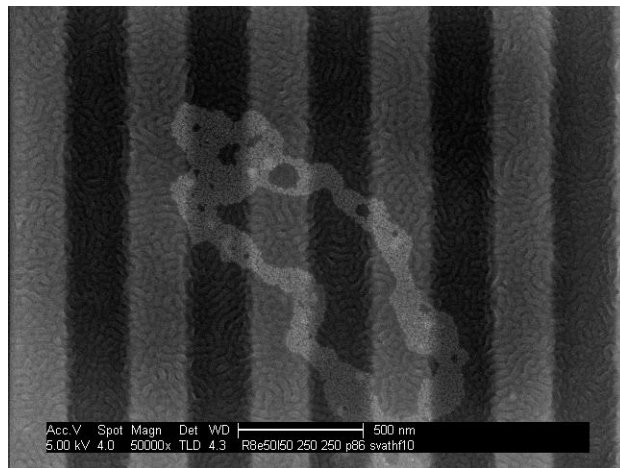
Department: institute of Chemistry, Philadelphia building 209, 02-6586272

Email: raju.k@mail.huji.ac.il

Date taken: 23.01.2018 (SEM)

Image title: Jumping frog

Figure caption: The hind legs of a jumping frog were observed during solvent vapor annealing of a block copolymer with gold nanorods on a SiO_x wafer.



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Supervisor: Prof. Roy Shenhar

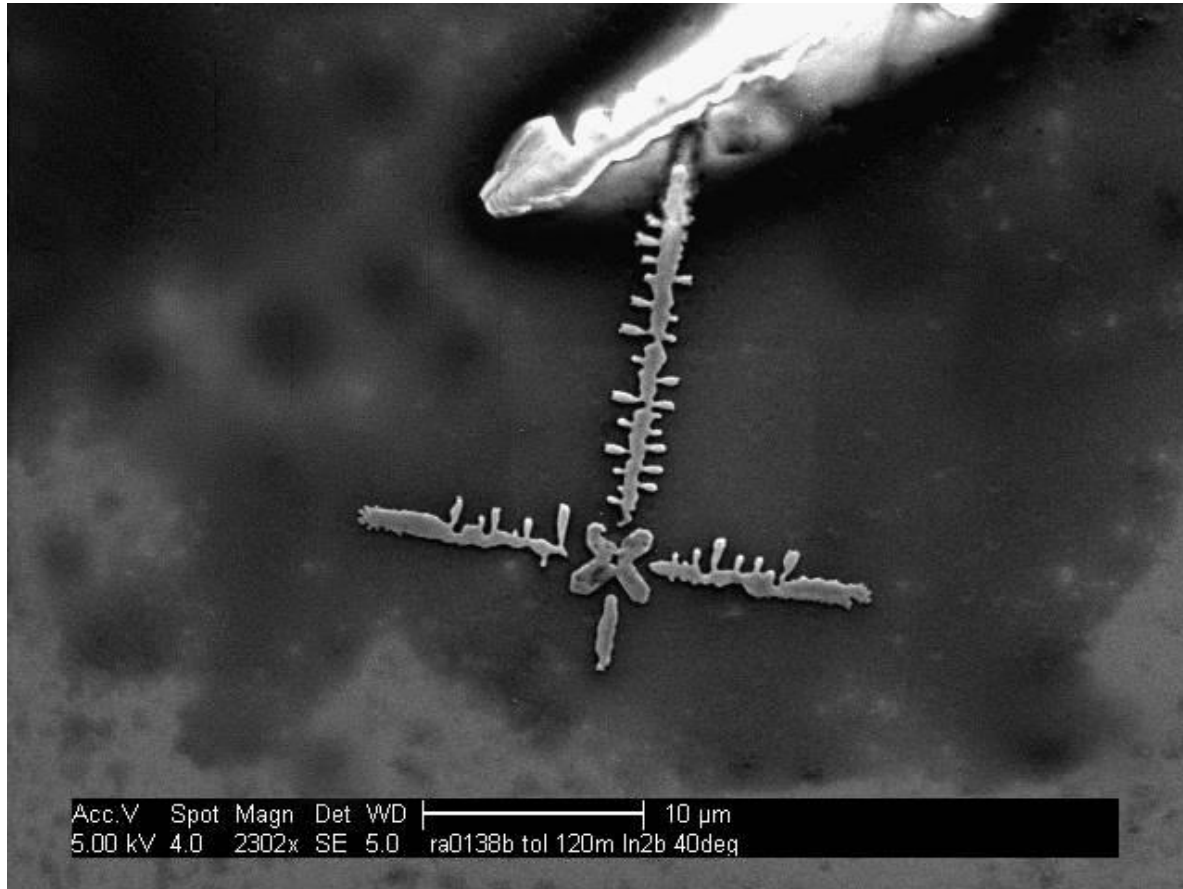
Department: institute of Chemistry, Philadelphia building 209, 02-6586272

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Date taken: 13.09.2017 (SEM)

Title: Thunder sword of wonder woman

Figure caption: A sword like structure was observed when gold nanoparticle was aggregated on block copolymer thin film.



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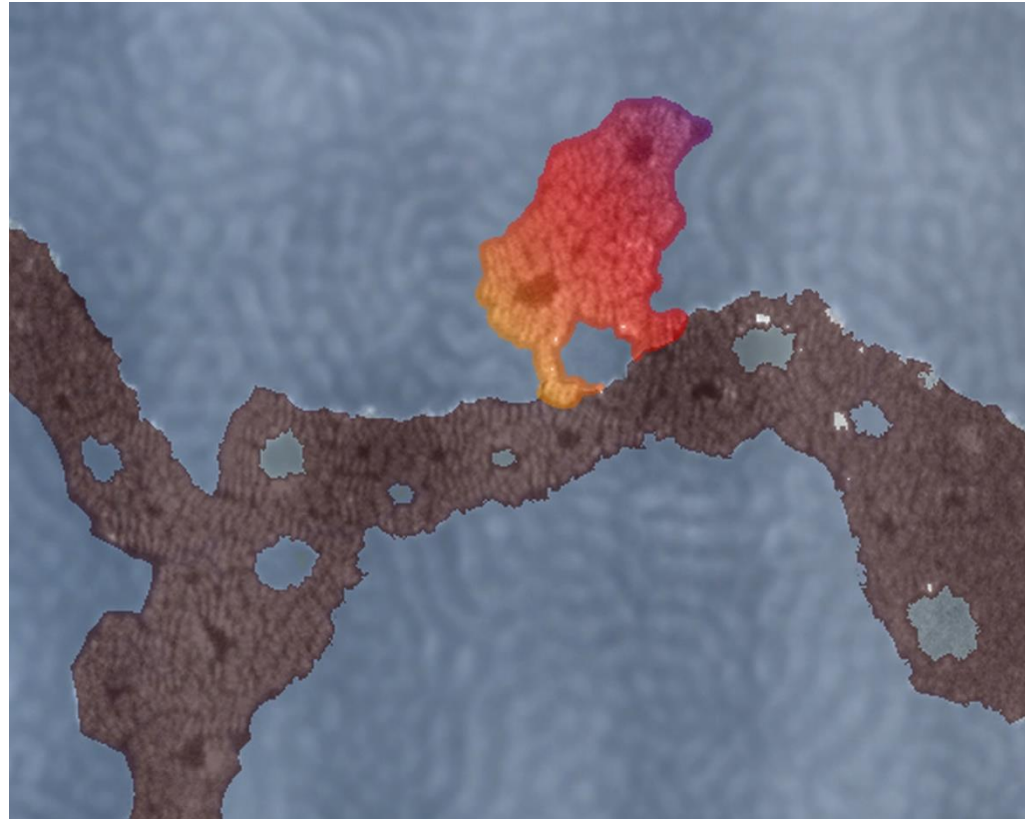
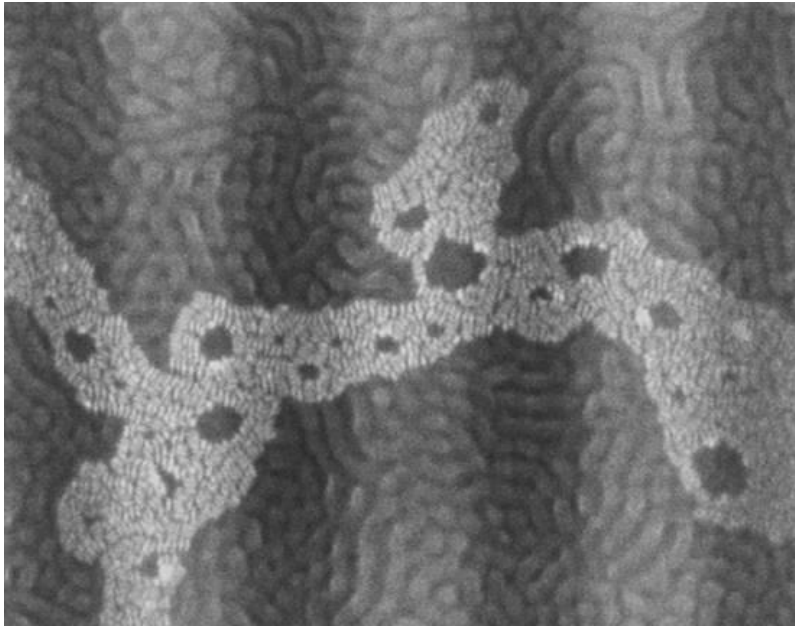
Department: institute of Chemistry, Philadelphia building 209, 02-6586272

Email: raju.k@mail.huji.ac.il

Date taken: 23.01.2018 (SEM)

Image title: Nano-bird

Figure caption: An image of a bird on a branch of a tree was observed during solvent vapor annealing of a block copolymer along with gold nanorods on a SiO_x wafer.



Name: S N Raju Kutcherlapati

Supervisor: Prof. Roy Shenhar

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Date taken: 25.10.2017 (SEM)

Title: Polymer beach

Figure caption: A model of a beach was observed during solvent vapor annealing of a block copolymer (phase separated) along with semiconductor nanorods on a SiO_x wafer.

