



# WEBINAR PROGRAM

# Nanotechnology

## VIRTUAL 2020

October 29, 2020 | 12:00-19:00 GMT

<https://www.magnuswebinars.com/nanotechnology-virtual>

■ **October 29, 2020**

**12:00-19:00 GMT**

**Day 01**

■ **Sessions on:** Nanotechnology

## ■ **Keynote Presentations**

Webinar Time Zone	Speakers Time Zone	
12:00-12:40	14:00-14:40	Title: Role of solvent in composite particles formation during pulsed laser irradiation process  <b>Zaneta Swiatkowska Warkocka</b> , IFJ PAN, Poland
12:40-13:20	08:40-09:20	Title: Plant extracts based nanoparticles, potential nanomedicine in fight against COVID-19  <b>R.C Jagessar</b> , University of Guyana, South America
13:20-14:00	09:20-10:00	Title: Hello implantable nanosensors: Goodbye old-fashion hospitals  <b>Thomas J Webster</b> , Northeastern University College of Engineering, USA

## ■ **Plenary Talk**

14:00-14:20	19:30-19:50	Title: Application of nanomaterials as spacecraft shields  <b>Mubarak Ali M</b> , TKM College of Engineering, India
14:20-14:40	19:50-20:10	Title: Cellulose based nanomaterials: The future of material science from natural products  <b>Ginil Mon</b> , Nesamony Memorial Christian College, India

## ■ **Oral Presentations**

14:40-15:00	10:40-11:00	Title: Antimicrobial activity of the Ethanolic and aqueous extract of <i>Vicia faba</i> L. (Fabaceae) in the absence and presence of zinc nanoparticles  <b>R.C Jagessar</b> , University of Guyana, South America
15:00-15:20	23:00-23:20	Title: Facile fabrication of g-C <sub>3</sub> N <sub>4</sub> nanomaterials for photocatalytic application  <b>Xiaoxing Fan</b> , Liaoning University, China
15:20-15:40	23:20-23:40	Title: Role of Nanotechnology in COVID-19  <b>Tooba Mahboob</b> , UCSI University, Malaysia

15:40-16:00	23:40-00:00	<p>Title: Characterization and optimization of batch adsorption study of pollutants parameters of POME using synthesized adsorbent media</p> <p><b>Adeleke Abdulrahman Oyekanmi</b>, Universiti Sains Malaysia, Malaysia</p>
16:00-16:20	17:00-17:20	<p>Title: Effect of optical windows on the efficiency of CdS/MoS<sub>2</sub> solar cells</p> <p><b>Beddiaf Zaidi</b>, University of Batna, Algeria</p>
16:20-16:40	21:50-22:10	<p>Title: Study of highly fluorescent Carbon quantum dots derived from Swertia chirata</p> <p><b>Pranshu K Gupta</b>, Banaras Hindu University, India</p>
16:40-17:00	18:40-19:00	<p>Title: Materials Science and Engineering for nanoparticles</p> <p><b>Weam Sidahmed Awadalla Sidahmed</b>, University of Khartoum, Sudan</p>
17:00-17:20	22:30-22:50	<p>Title: Preparation and characterization of Sulfasalazine loaded polymeric nanoparticles by solvent evaporation and Salting out techniques</p> <p><b>Abbaraju krishna sailaja</b>, RBVRR Women's College of Pharmacy, India</p>
17:20-17:40	22:50-23:10	<p>Title: Nano-hydrogels (Nanoparticles+Hydrogels, NPH) for targeted drug delivery systems</p> <p><b>Hitesh Chopra</b>, Chitkara University, India</p>
17:40-18:00	23:10-23:30	<p>Title: Unprecedented redox scavenging signature along with antioxidant action of silver nanoparticle coupled with andrographis paniculata (AP-AgNP) against carbon tetrachloride (CCl<sub>4</sub>) induced toxicity in mice</p> <p><b>Soumendra Darbar</b>, Jadavpur University, India</p>
18:00-18:20	21:00-21:20	<p>Title: Reliability design of mechanical systems subjected to repetitive stresses</p> <p><b>Seongwoo Woo</b>, Addis Ababa Science &amp; Technology University, Ethiopia</p>
18:20-18:40	00:20-00:40	<p>Title: Differentiation of histological and cytological observation of human term placenta</p> <p><b>Ryan Zia Arslaan</b>, Medical University Karaganda, Kazakhstan</p>
18:40-19:00	21:40-22:00	<p>Title: Smart polymeric coatings for corrosion protection in the oil and gas industry</p> <p><b>Sehrish Habib</b>, Qatar University, Qatar</p>

## ■ Poster Presentations

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|-------------|-------------|---|
| 19:00-19:10 | 15:00-15:10 | Title: Ceria infused nano silk fibre patch fabrication and applications<br><b>Ananya Bhatheja</b> , University of Central Florida, USA  |
| 19:10-19:20 | 22:10-22:20 | Title: Active force material<br><b>Alexander Frolov</b> , Independent Researcher, Russian Federation  |
| 19:20-19:30 | 22:20-22:30 | Title: Producing nanomaterials by jet grinding with acoustic process control<br><b>Pryadko Nataliya</b> , Institute of Technical Mechanics of National Academy of Science of Ukraine, Ukraine |
| 19:30-19:40 | 00:00-00:10 | Title: Adsorption of Hg and As by Fe <sub>3</sub> O <sub>4</sub> /BTC nanostructures from industrial wastewater<br><b>Reza Alizadeh</b> , Hazrat E Masoumeh University, Qom-Iran              |
| 19:40-19:50 | 22:40-22:50 | Title: Electrophysical methods for generating nanoparticles<br><b>Volodymyr Chumakov</b> , Kharkiv National University of Radioelectronics, Ukraine   |
| 19:50-20:10 | 20:50-21:10 | Title: Nano-structuring of polymer blends at the interface driven by topology<br><b>G Pellicane</b> , University of Messina, Italy  |

## Closing Ceremony



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