

Research Colloquium on “Research Innovations in Nanopharmacology”



HCC-FIRST Research Colloquium



The Department of Zoology, Holy Cross College, is glad to organise an event entitled ‘HCC-FIRST Research Colloquium’ in collaboration with FIRST (Foundation for Innovative Research in Science and Technology) on Wednesday, the 11th November 2020 which will be conducted through Google meet.

The Colloquium is a part of the MoU between the Department of Zoology, Holy Cross College & FIRST, Nagercoil and we expect this event to serve as a platform for research scholars to renew their ideas in Nanoscience.

Topic: Research Innovations in Nanopharmacology

**Resource Person: Dr. B. Vaseeharan, Professor & Head,
Department of Animal Health & Management,
Alagappa University, Karaikudi.**

Date: 11.11.2020; Time: 10.30 am – 11.30 am

The colloquium is open to the scholars and faculty.

We cordially invite you all to join us.

**Google Meet: <https://meet.google.com/ydb-ateo-yrn>
Meeting Code: ydb-ateo-yrn**





Report

HCC-FIRST Research Colloquium

Topic: Research Innovations in Nanopharmacology

Resource Person: Dr. B. Vaseeharan, Professor & Head, Department of Animal Health & Management, Alagappa University, Karaikudi.

Date: 11.11.2020; **Time:** 10.30 am – 11.30 am

Venue: Google Meet: <https://meet.google.com/ydb-ateo-yrn>; **Meeting Code:** ydb-ateo-yrn

Participants: 37 research scholars of various department and faculty members 11

The Department of Zoology, Holy Cross College, in collaboration with FIRST (Foundation for Innovative Research in Science and Technology) organised third Research Colloquium entitled

'HCC-FIRST Research Colloquium' on Wednesday, the 11th November 2020 which was conducted through Google meet. The Colloquium was a part of the MoU between the Department of Zoology, Holy Cross College & FIRST, Nagercoil. The purpose of the colloquium was to empower research scholars in Nanoscience. The colloquium aims to bring together the research scholars, of various disciplines to interact with the subject expert Dr. B. Vaseeharan on the topic Nano pharmacology, one of the leading research area and most of the science stream scholars are addressing this topic in one or another sense. It provided an opportunity for the scholars to validate their methodology, concerns, challenges and potentials whilst undertaking their research.

The program started sharp at 10.30 am with the invoking of God's blessings through Prayer song and all the members were welcomed by Mrs. D. Stella Bai, Research Scholar. The resource person gave an outline of Nano pharmacology in the first half and the second half of the session was opened for interactions and clarifications. Most of the members clarified their doubts and the interaction session was the highlight as it helped to clarify most of the doubts. The participants enriched their knowledge and thus this event served as a platform for research scholars to renew their ideas in Nanoscience.

A total of 37 members participated and enriched their knowledge. All the members of this event were duly thanked by Mrs. F. Vargila, Research Scholar and the whole program was compered by Mrs. Caroline Hema, Research Scholar. The feedback of the participants was The meeting came to an end with National anthem.

S. Mary Mettilda Bai
Dr. S. MARY METTILDA BA
Head, Department of Zoology
Holy Cross College (Autonomous)
Nagercoil - 629 804

meet.google.com/ydb-ateo-yrn

Meeting details

People (27)

- R.k Rathika
- Regis Freeda
- Santhiya Sivaraman
- shanthini sivakumar
- teeni raj
- tyni joiceraj
- Vargi Francis
- vaseeharan baskaralingam (Presentat...
- vaseeharan baskaralingam
- Venci Candida

Class List

meet.google.com/ydb-ateo-yrn

APPROACHES FOR NANOPARTICLE SYNTHESIS

NPs Synthesis

- Top to Bottom Approach**
 - Etching
 - Laser Ablation
 - Milling
 - Grinding
 - Sputtering
- Bottom to Top Approach**
 - Sol-gel Process
 - Laser Pyrolysis
 - Chemical Reduction
 - Spray Pyrolysis
 - Vapour Deposition
 - Biological Process
- Biological Process**
 - Plants
 - Yeast
 - Bacteria
 - Algae
 - Fungi

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Meeting details

People (33)

- JayaLakshmi genomicsmku at gmail...
- Jeba Preethi
- Jenisha Markose
- JESPA JOHNSON
- Jincy T
- Jone Magadalin
- Lucky Benny
- Penila Saminy
- priya ji
- Punitha A

Presentation (vaseeharan baskaralingam)

Meeting details

Types of Nanomaterials/Nanoparticles

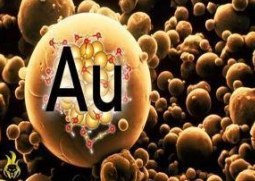
Metallic nanoparticle

Gold nanoparticles (Au NPs)

✓Gold nanoparticles (AuNPs) have been used by humanity for more than 2000 years. For example, the Lycurgus cup, a decorative goblet is colored using gold nanoparticles and was made in the fourth to fifth century BC.

✓Gold nanoparticles are widely used in biotechnology and biomedical field because of their large surface area and high electron conductivity.

✓The gold nanoparticles are proved to be the safest and much less toxic agents for drug delivery. In addition, there are some applications of gold nanoparticles in electrochemistry involving the determination of pharmaceutical compounds.



Meeting details

People (32)

Chat

Jeba Preethi

Jenisha Markose

JESPA JOHNSON

Jincy, T

Jone Magadalin

Lucky Benny

Penila Saminy



priya ji

Punitha A

R.k Rathika

Meeting details

Plant sources and synthetic process of MNPs by extracts from different plant parts

M. Nasrollahzadeh et al. / Advances in Colloid and Interface Science 276 (2020) 102103

Meeting details

People (35)

Chat

Mary Mettilda Bai (You)

Angel Jebitha

Antilda Xavier

Arokyia Glory P. T.

bhuvana viji

BLESSY R

Brisca Renuga

Caroline Hema

CATHERINESHEEJA V

delma barnabas

Presentation (vaseeharan baskaralingam)