

WEBINAR ON FOOD BORNE TREMATODIASES WITH SPECIAL EMPHASIS ON FASCIOLIASIS

Organized by
Department of Zoology
St. Joseph's College (Autonomous), Irinjalakuda



Speaker
Dr. Damanbha Lyngdoh,
Assistant Prof.
Department of Zoology,
St. Antony's College
Shillong.

BROCHURE

 **WEBINAR**
on
Food Borne Trematodiasis With Special Emphasis On Fascioliasis

Date: 27th November, 2020
Time: 02.00 – 03.00 pm

Platform

Meet


Presided by
Dr. Sr. Asha Therese
Principal

Organized by
Department of Zoology
St. Joseph's College (Autonomous)
Irinjalakuda, Kerala
College with Potential for Excellence
NAAC accredited with 'A' Grade in Third Cycle


Guest of Honour
Dr. A. Mohandas
Professor Emeritus, NCAAH
Cochin University of Science & Technology


Resource Person
Dr. Damanbha Lyngdoh
Assistant Professor in Zoology
St. Anthony's College
Shillong

CERTIFICATE



St. Joseph's College (Autonomous) Irinjalakuda, Kerala

College with Potential for Excellence
NAAC accredited with 'A' Grade in Third Cycle

CERTIFICATE

THIS IS TO CERTIFY THAT <<NAME>> OF <<INSTITUTION>>

has participated in the National Webinar on *'Food Borne Trematodiasis with Special Emphasis on Fascioliasis'* organized by the Department of Zoology, St. Joseph's College (Autonomous), Irinjalakuda, Kerala on 27th November, 2020.

Dr. Gigi Poulouse
Co-ordinator & HoD



Dr. Sr. Anis K. V.
Convenor
Principal

ACADEMIC REPORT
WEBINAR ON FOOD BORNE TREMATODIASES WITH SPECIAL
EMPHASIS ON FASCIOLIASIS

Organised by
Department of Zoology

The Department of Zoology St. Joseph's College Irinjalakuda has organized a webinar on Food Borne Trematodiasis with special emphasis on Fascioliasis on 27/11/2020 at 2 pm on Google meet platform. The welcome note was given by Dr. Gigi Poulose HOD Department of Zoology. The presidential address was given by Dr. Sr. Elisa vice Principal, St. Joseph's College (Autonomous), Irinjalakuda and the webinar was hosted by Ms. Shibitha Emmanuel. The Guest of honour was Dr. A. Mohandas, Professor Emeritus, NICAAC Cochin University of Science and Technology. The resource person of the session was Dr. Damanbha Lyngdoh, Assistant Prof. in Zoology, St. Antony's College Shillong.

The session mainly dealt with common diseases caused by parasites which are commonly known as Food Borne Trematodiasis (FBTs). Foodborne trematodes are a group of diseases that include the parasites Clonorchis, Opisthorchis, Fasciola and Paragonimus. Foodborne trematode infections cause 2 million life years lost to disability and death worldwide every year. Foodborne trematodiasis are most prevalent in East Asia and South America. Foodborne trematode infections result in severe liver and lung disease. Safe and efficacious medicines are available to prevent and treat foodborne trematodiasis. The public health burden due to foodborne trematodiasis is predominantly due to morbidity rather than mortality with early and light infections often going unnoticed. He explained in detail about different types of parasites, their host, their life cycle, disease, symptoms, treatment and prevention and control of the disease. He mainly emphasized on Fascioliasis caused by *F. hepatica* and *F. gigantica* in India. He explained the phylogeny of the common liver fluke *Fasciola* sp. using nuclear and mitochondrial gene markers in North East India. To prevent infection with intestinal flukes and fascioliasis, properly clean and thoroughly wash raw vegetables, watercress, and other water-grown vegetables before eating. The session was followed by an interactive session with students. The session came to an end with a vote of thanks by Dr. Vidya G, Asst. Professor Department of Zoology. After the same, e-certificates were given to all the participants as well. The session was a great success and lasted for almost 1 hr.

Introduction

Foodborne trematodiasis (FBTs) are a group of diseases that are caused by parasites such as Liver flukes (*Clonorchis*, *Opisthorchis*, *Fasciola*), Lung flukes (*Paragonimus*) and Intestinal flukes (*Fasciolopsis*, *Echinostoma*, etc.).

- Over 40 million people are infected
- Neglected Tropical Diseases
- WHO Foodborne disease burden Epidemiology Reference Group (FERG) (2015) – Clonorchiasis, Opisthorchiasis, Fascioliasis and Paragonimiasis



PARTICIPANTS LIST

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Ms Ashline James
Ms. Sandra Wilson
Ms.Anitta Joju
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