

# **Translational Health Science and Technology Institute**

**Faridabad, Haryana**

## **COURSE BROCHURE**

### **2<sup>nd</sup> THSTI Advanced Course in Vaccinology (TIVaC)**

**Date: 27<sup>th</sup> May - 1<sup>st</sup> June 2024**

# **Announcing the 2<sup>nd</sup> TIVaC, THSTI Advanced Course in Vaccinology**

## **Brief overview of the course:**

Translational Health Science and Technology Institute (THSTI) is conducting the 2<sup>nd</sup> 6-day Advanced Course in Vaccinology (TIVaC). The course aims to provide a comprehensive overview on the concepts and steps involved in design, development and commercialization of vaccines.

Participation of international faculty and students attending 2<sup>nd</sup> TIVaC is supported by funding from the Coalition for Epidemic Preparedness Innovations (CEPI).

## **Course objectives and structure:**

1. Aims is to provide participants 360-degree overview of vaccine development.
2. The course would include the following modules:
  - Vaccine development across the globe: An overview
  - The biology & immunology of vaccine development
  - Pre-clinical research in vaccine development
  - Clinical Trials
  - Data Management
  - Regulatory clearances and procedures
  - Manufacturing and Quality compliances

## **Who can apply:**

Researchers (including masters, PhD students), decision/policy makers from government agencies, industries and NGOs working in the field of vaccine design and development, from India and other Low & Middle Income Countries (LMICs).

### **Duration of course:**

- Total of 6 days, during 27<sup>th</sup> May – 01<sup>st</sup> June 2024

### **Venue:**

Translational Health Science and Technology Institute (THSTI), NCR Biotech Science Cluster, 3rd Milestone, Faridabad–Gurugram Expressway, PO box no. 04, Faridabad- 121001, Haryana, India.

### **Modes of teaching:**

- Lectures (will be delivered by national & international faculty)
- Group discussions
- Assignments
- Laboratory/facility visits
- Hands-on workshops
- Industry visit

### **Course Fee:**

**There is no course fee.** Selected participants will be provided accommodation and food. Participants will have to bear travel cost\*.

*\*Travel costs for international participants will be covered through funding support received from CEPI.*

**How to apply: Visit <https://thsti.in/TIVaC2024/> to apply**

Application fee is INR 1000/- (INR One Thousand only). The application fee for international participants from LMICs is waived.

### **Selection process:**

Selection of the applicants will be completed by a selection committee based on the criteria of

- a. Educational background
- b. Involvement in vaccine research or manufacturing/ production
- c. Government or industry sponsored candidates

**Timelines:**

Particulars	Dates
Call opens on	16 <sup>th</sup> February 2024
Last date of application	31 <sup>st</sup> March 2024
Announcement of selected candidates	10 <sup>th</sup> April 2024
Duration of course	27 <sup>th</sup> May - 1 <sup>st</sup> June 2024

**Day wise themes for 2<sup>nd</sup> TIVaC**

<b>Day 1: 27<sup>th</sup> May 2024</b>
<ul style="list-style-type: none"><li>• Introduction to the course</li><li>• Vaccine Development across the globe: An overview</li><li>• The biology &amp; Immunology of vaccine development (developability assessment)</li></ul>
<b>Day 2: 28<sup>th</sup> May 2024</b>
<ul style="list-style-type: none"><li>• The biology &amp; immunology of vaccine development (developability assessment)</li></ul>
<b>Day 3: 29<sup>th</sup> May 2024</b>
<ul style="list-style-type: none"><li>• Pre-clinical research and vaccine development (animal studies, cGMP, data documentation)</li></ul>
<b>Day 4: 30<sup>th</sup> May 2024</b>
<ul style="list-style-type: none"><li>• Clinical Trials and Data Management</li></ul>
<b>Day 5: 31<sup>st</sup> May 2024</b>
<ul style="list-style-type: none"><li>• Regulatory clearances and procedures</li></ul>
<b>Day 6: 01<sup>st</sup> June 2024</b>
<ul style="list-style-type: none"><li>• Manufacturing and Quality compliances</li></ul>