



# THE BURDEN OF BILIRUBIN-INDUCED

NEUROLOGICAL DAMAGE IN THE NEONATE:  
PREVENTION, DIAGNOSIS AND TREATMENT

**OCT 20 / OCT 28 / NOV 4**



Fondazione Italiana  
Fegato  
ONLUS



# SPEAKERS

## -Neonatal Jaundice Webinar-



**Claudio Tiribelli** *(Italy)*



**Cynthia Bearer** *(USA)*



**Jon Watchko** *(USA)*



**Silvia Gazzin** *(Italy)*



**Andrés Muro** *(Argentina)*



**Giulia Bortolussi** *(Italy)*



**Steven Shapiro** *(USA)*



**Maribel Sánchez Solorio** *(Mexico)*



**Raúl Villegas Silva** *(Mexico)*



**Mónica Villa Guillen** *(Mexico)*



**Carlos Coda Zabetta** *(Argentina)*



**Esterlita V. Uy** *(Philippines)*



**Christian Hulzebos** *(Netherlands)*



**Iman Iskander** *(Egypt)*



**Donna Brezinski** *(USA)*



OCTOBER 20

-Neonatal Jaundice Webinar-

# DAY 1

**MEXICO**  
8 H

**TRIESTE**  
15 H

**CAIRO**  
16 H

**MANILA**  
22 H

## NEONATAL SEVERE HYPERBILIRUBINEMIA: BASIC CONCEPTS OF NEUROTOXICITY

8:00 AM to 11:00AM, Mexico time

### COORDINATORS

*Daniel Ibarra Ríos/Antonio Calderón Moore*

**8:00 AM to 8:10 AM**  
OPENING

*Carlos E. García de Alba Zepeda*  
Ambassador of Mexico in Italy

*Moisés Quiles Corona*  
President of the Federación Nacional de Neonatología de México A.C.

**8:10 AM to 8:30 AM**  
EVIDENCE IN BILIRUBIN-INDUCED NEUROLOGICAL DAMAGE  
*Claudio Tiribelli (Italy)*

**8:30 AM to 8:40 AM**  
DISCUSSION

**8:40 AM to 9:00 AM**  
LIPID RAFTS: A TARGET FOR BILIRUBIN TOXICITY  
*Cynthia Bearer (USA)*

**9:00 AM to 9:10 AM**  
DISCUSSION

**9:10 AM to 9:20 AM / BREAK**

**9:20 AM to 9:40 AM**  
SEXUAL DIMORPHISM IN KERNICTERUS  
*Jon Watchko (USA)*

**9:40 AM to 9:50 AM**  
DISCUSSION

**9:50 AM to 10:30 AM**  
Q&A SESSION



OCTOBER 28

Neonatal Jaundice Webinar

# DAY 2

**MEXICO**  
8 H

**TRIESTE**  
15 H

**CAIRO**  
16 H

**MANILA**  
22 H

## MECHANISMS OF ACTION/EXPERIMENTAL MODELS

8:00 AM to 9:30 AM, Mexico time

### COORDINATORS

*Dina Villanueva García/Jesús Aguirre Hernández*

**8:00 AM to 8:20 AM**

**THE MODELS FOR NEONATAL BILIRUBIN INDUCED DISEASE AND KERNICTERUS: AN OLD BUT STILL EVOLVING STORY**

*Silvia Gazzin (Italy)*

**8:20 AM to 8:30 AM**

**DISCUSSION**

**8:30 AM to 9:10 AM**

**EXPERIMENTAL MOUSE MODELS AS A PLATFORM TO ASSESS BILIRUBIN NEUROTOXICITY AND THERAPEUTIC APPROACHES**

*Andrés Muro (Argentina)*

*Giulia Bortolussi (Italy)*

**9:10 AM to 9:30 AM**

**DISCUSSION. Q&A SESSION**

**9:30 AM to 9:45 AM / BREAK**

## EPIDEMIOLOGY AND DIAGNOSIS OF KERNICTERUS SPECTRUM DISORDERS

9:45 AM to 12:00 PM, Mexico time

**9:45 AM to 10:05 AM**

**DIAGNOSIS OF KERNICTERUS SPECTRUM DISORDERS**

*Steven Shapiro (USA)*

**10:05 AM to 10:15 AM**

**DISCUSSION**



OCTOBER 28

Neonatal Jaundice Webinar

# DAY 2

**MEXICO**  
8 H

**TRIESTE**  
15 H

**CAIRO**  
16 H

**MANILA**  
22 H

## EPIDEMIOLOGY AND DIAGNOSIS OF KERNICTERUS SPECTRUM DISORDERS

9:45 AM to 12:00 PM, Mexico time

**10:15 AM to 10:35 AM**

PREVALENCE AND RISK FACTORS ASSOCIATED WITH SIGNIFICANT NEONATAL HYPERBILIRUBINEMIA AT A REGIONAL HOSPITAL IN CUERNAVACA, MEXICO

*Maribel Sánchez Solorio (Mexico)*

**10:35 AM to 10:45 AM**

DISCUSSION

**10:45 AM to 11:05 AM**

CURRENT GLOBAL EPIDEMIOLOGY OF NEONATAL JAUNDICE. ARE THERE DATA IN LATIN AMERICA?

*Raúl Villegas Silva (Mexico)*

**11:05 AM to 11:15 AM**

DISCUSSION

**11:15 AM to 11:35 AM**

NEONATAL JAUNDICE: LOCAL EXPERIENCE AT A THIRD LEVEL PEDIATRIC REFERRAL HOSPITAL IN MEXICO CITY

*Mónica Villa Guillén (Mexico)*

**11:35 AM to 11:45 AM**

DISCUSSION

**11:45 AM to 12:00 PM**

Q&A SESSION



# DAY 3

**MEXICO**  
8 H

**TRIESTE**  
15 H

**CAIRO**  
16 H

**MANILA**  
22 H

## PREVENTION AND TREATMENT OF SEVERE HYPERBILIRUBINEMIA

8:00 AM to 11:30 AM, Mexico time

### COORDINATORS

*Dina Villanueva García/Daniel Ibarra Ríos*

**8:00 AM to 8:20 AM**

**DIAGNOSIS OF NEONATAL JAUNDICE USING THE BILISTICK SYSTEM: LESSONS LEARNED FROM FIELD IMPLEMENTATION**

*Carlos Coda Zabetta (Argentina)*

**8:20 AM to 8:30 AM**

**DISCUSSION**

**8:30 AM to 8:50 AM**

**THE PREDICTIVE VALUE OF THE 24 HOUR BILIRUBIN AND SUBSEQUENT DEVELOPMENT OF SIGNIFICANT HYPERBILIRUBINEMIA AMONG FILIPINO TERM INFANTS. A MULTI CENTER STUDY**

*Esterlita V. Uy (Philippines)*

**8:50 AM to 9:00 AM**

**DISCUSSION**

**9:00 AM to 9:20 AM**

**MANAGEMENT OF NEONATAL HYPERBILIRUBINEMIA**

*Christian Hulzebos (Netherlands)*

**9:20 AM to 9:30 AM**

**DISCUSSION**

**9:30 AM to 9:40 AM / BREAK**

**9:40 AM to 10:00 AM**

**WHERE ARE WE FROM PREVENTION OF KERNICTERUS IN EGYPT?**

*Iman Iskander (Egypt)*



# DAY 3

**MEXICO**  
8 H

**TRIESTE**  
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**CAIRO**  
16 H

**MANILA**  
22 H

## PREVENTION AND TREATMENT OF SEVERE HYPERBILIRUBINEMIA

8:00 AM to 11:30 AM, Mexico time

10:00 AM to 10:10 AM  
DISCUSSION

10:10 AM to 10:30 AM  
PREVENTING KERNICTERUS DURING A PANDEMIC  
*Donna Brezinski (USA)*

10:30 AM to 10:40 AM  
DISCUSSION

10:40 AM to 11:15 AM  
Q&A SESSION

11:15 AM  
CLOSING: MEXICO ICGBE LIAISON OFFICER

