



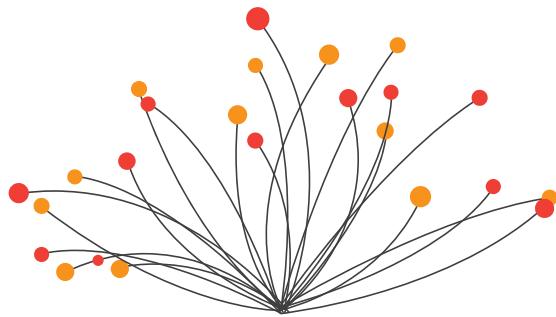
WORKSHOP:

NEWBORN SCREENING IN MINAS GERAIS:

new perspectives on Hereditary Metabolic Diseases and Primary Immunodeficiencies

August, 14 - 15th, 2014 - Belo Horizonte, Minas Gerais, Brazil.





WORKSHOP:

NEWBORN SCREENING IN MINAS GERAIS:

*new perspectives on Hereditary Metabolic Diseases and
Primary Immunodeficiencies*

The State of Minas Gerais Department of Health established a partnership with the Federal University of Minas Gerais State (UFMG), Brazil, through the Center of Newborn Screening and Genetic Diagnostics of the Faculty of Medicine from UFMG - Nupad - aiming at implementing newborn screening throughout the State in 1993. In 2001, due to the nationalization of the Newborn Screening Program by the Ministry of Health, Nupad was enrolled as technical reference for conducting the Newborn Screening Program in Minas Gerais, Brazil.

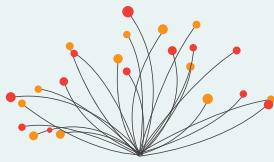
Newborn screening has become a successful public health program in the country and Minas Gerais turns out to be an example in particular. Early diagnosis of diseases, potentially severe and disabling, has assured that thousands of patients have the right to a better life. Since its founding, Nupad has worked diligently to assure early diagnosis of diseases that have treatment, seeking to minimize damage, improve the health and optimize the use of public resources.

In order to study the possibilities of increasing the number of the screened diseases by Minas Gerais Newborn Screening Program, specifically hereditary metabolic diseases and primary immunodeficiencies, Nupad will hold a workshop and other activities on August 13-15, 2014. The event will be supported by the Ministry of Health and will feature several international speakers, who have extensive experience on the discussing topics, as well as guests from the Ministry of Health and the State of Minas Gerais Department of Health.

VENUE:

Boulevard Plaza

Av. Getúlio Vargas, 1640 – Savassi, Belo Horizonte, Minas Gerais, Brasil.



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WORKSHOP PROGRAM

AUGUST 14TH, 2014 *Thursday*

08:00am - 08:45am • **ATENDEE REGISTRATION**

08:45am - 09:15am • **OPENING SESSION**

09:15am - 09:45am • **MINI-CONFERENCE:**

Newborn Screening in Minas Gerais prospects for expansion and international cooperation

SPEAKER:

José Nélio Januario

Faculty of Medicine, Federal University of Minas Gerais (UFMG), Brazil

COORDINATOR:

Ana Lúcia Starling

Faculty of Medicine, Federal University of Minas Gerais (UFMG), Brazil

(09:45am - 12:00pm) • **ROUND-TABLE DISCUSSION**

Newborn screening for rare diseases advances and prospects in the Unified Health System (SUS).

COORDINATOR:

Marcos José Burle de Aguiar

Faculty of Medicine, Federal University of Minas Gerais (UFMG), Brazil

09:45am - 10:05am • *The National Policy on Comprehensive Care for People with Rare Diseases in Unified Health System (SUS).*

SPEAKER:

Pollyanna Almeida Santos

Ministry of Health

10:05am - 10:25am • *Newborn Screening in Brazil.*

SPEAKER:

Ana Stela Goldbeck

Ministry of Health

10:25am - 10:45am • *Unified Health System (SUS) Ordinance 199/2014 for rare diseases in the context of newborn screening in Minas Gerais.*

SPEAKER:

Representative / State of Minas Gerais Department of Health

10:45am - 11:05am • *Center for Biological Tissues (Cetebio) and transplantation of hematopoietic stem cells in Minas Gerais.*

SPEAKER:

Júnia Guimarães Mourão Ciolfi

Minas Gerais State Department of Health / Hemominas Bank Blood Foundation

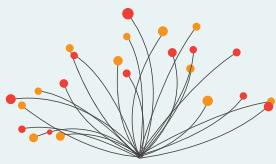
11:05am - 11:20am • **COFFEE-BREAK**

11:20am - 12:00am • **DISCUSSION**

COORDINATOR:

Marcos José Burle de Aguiar

Faculty of Medicine, Federal University of Minas Gerais (UFMG), Brazil



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AUGUST 14TH, 2014 *Thursday*

12:00pm - 2:00pm • **LUNCH**

2:00pm - 3:00pm • **CONFERENCE:**

Newborn screening for hereditary metabolic diseases and primary immunodeficiencies in the United States.

COORDINATOR:

Marcos Borato Viana

Faculty of Medicine, Federal University of Minas Gerais (UFMG), Brazil

LECTURER:

Mei Baker

University of Wisconsin - USA

3:00pm - 3:40pm • **CONFERENCE:**

State of art: the use of tandem mass spectrometry (MS / MS) in newborn screening for metabolic diseases.

COORDINATOR:

José Nilio Januario

Faculty of Medicine, Federal University of Minas Gerais (UFMG), Brazil

LECTURER:

Victor Raul de Jesus Miranda

CDC- Atlanta - USA

3:40pm - 4:00pm • **COFFEE-BREAK**

4:00pm - 4:40pm • **CONFERENCE:**

Strategies and analytical systems available for the laboratory diagnosis of primary immunodeficiencies in newborn screening.

COORDINATOR:

Dora Mendez del Castillo

Center of Newborn Screening and Genetic Diagnostics (Nupad) of the Faculty of Medicine from Federal University of Minas Gerais (UFMG), Brazil.

CONFERENCISTA:

Francis Lee

CDC- Atlanta - USA

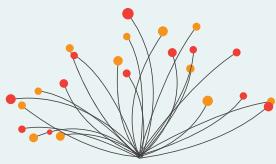
4:40pm - 5:00pm • **GENERAL DISCUSSION:**

Additional questions and conclusions of the day.

COORDINATOR:

Francisco José Penna

Faculty of Medicine, Federal University of Minas Gerais (UFMG), Brazil.



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AUGUST 15TH, 2014 *Friday*

09:00am - 10:00am

- **CONFERENCE:**

Treatment and follow-up of the primary immunodeficiencies in newborn screening context.

CONFERENCISTA:

John Sleasman

Duke University-USA

COORDINATOR:

Jorge Andrade Pinto

Faculty of Medicine, Federal University of Minas Gerais (UFMG), Brazil.

10:00am - 10:20am

- **COFFEE-BREAK**

(10:20am - 11:50am)

ROUND-TABLE DISCUSSION

Newborn screening for rare diseases advances and prospects in the Unified Health System (SUS).

COORDINATOR:

Rocklane de Carvalho Norton

Faculty of Medicine, Federal University of Minas Gerais (UFMG), Brazil.

10:20am - 10:50am

- *Newborn screening for hereditary metabolic diseases and primary immunodeficiencies in the state of Wisconsin (USA) dilemmas and lessons learned.*

LECTURER:

Mei Baker

University of Wisconsin-USA
Wisconsin State Laboratory of Hygiene-USA

10:50am - 11:20am

- *Expanded newborn screening for hereditary metabolic diseases in Portugal: dilemmas and lessons learned.*

LECTURER:

Hugo Rocha

National Institute of Health - Portugal

11:20am - 11:50am

- **DISCUSSION**

COORDINATOR:

Rocklane de Carvalho Norton

Faculty of Medicine, Federal University of Minas Gerais (UFMG), Brazil.

11:50am - 1:30pm

- **LUNCH**

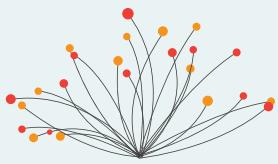
(1:30pm - 2:50pm)

COLLOQUIUM:

Newborn screening for hereditary metabolic diseases and primary immunodeficiencies in Minas Gerais: reflections and possibilities.

COORDINATOR:

Representative / State of Minas Gerais Department of Health



WORKSHOP:

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AUGUST 15TH, 2014 *Friday*

1:30pm - 1:40pm • *Expanded newborn screening for metabolic diseases and the Unified Health System (SUS) Attention Network: possible strategies.*

José Nilio Januario

Faculty of Medicine, Federal University of Minas Gerais (UFMG), Brazil.

1:40pm - 2:00pm • *Full or reduced panel to metabolic diseases by tandem mass spectrometry (MSMS) in Minas Gerais? General Impressions.*

Mei Baker

University of Wisconsin - USA
Wisconsin State Laboratory of Hygiene - USA

2:00pm - 2:10pm • *Primary immunodeficiencies and the Attention Network in Minas Gerais: Possible Strategies.*

Jorge Andrade Pinto

Faculty of Medicine, Federal University of Minas Gerais (UFMG), Brazil.

2:10pm - 2:20pm • *Transplantation of hematopoietic stem cells for primary immunodeficiencies: feasibility in Minas Gerais.*

Jorge Andrade Pinto

Faculty of Medicine, Federal University of Minas Gerais (UFMG), Brazil.

2:20pm - 2:40pm • *Newborn screening for primary immunodeficiencies in Minas Gerais: impressions and general considerations.*

John Sleasman

Duke University - USA

Francis Lee

CDC- Atlanta - USA

2:40pm - 2:50pm • *Ordinance 199/2014 in the context of the State Attention Network: general considerations.*

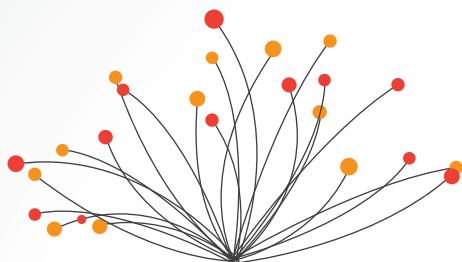
Marcos José Burle de Aguiar

Faculty of Medicine, Federal University of Minas Gerais (UFMG), Brazil.

2:50pm - 3:00pm • **PLENARY SESSION**

General assessment and next steps.

3:00pm - 3:20pm • **CLOSING SESSION**



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FOR FURTHER INFORMATION

- Support to events and local training services – SATE
Phone: (+55 31) 3244-6443 and (+55 31) 3244-6444
- Section of translation and International Relations - SETRI
Phone: (+55 31) 3409-8936

Center of Newborn Screening and Genetic Diagnostics - NUPAD/FM/UFMG • <http://www.nupad.medicina.ufmg.br>



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