

Dear colleagues,

It is with great pleasure that we are inviting you to come to Ouro Preto (Brazil) and participate in the 12th International Symposium on Urolithiasis. The rotating principle of the International Symposium on Urolithiasis has been followed very well. Now for the first time this meeting will be held in South America.

The meeting will cover scientifically and clinically all aspects in the field of stone disease. Scientists and physicians of different specialities and fields will meet to exchange new ideas and knowledge in the nutrition, metabolic factors, inhibitors and promoters, crystals and cells, genetics, phytotherapy, metaphylaxis, epidemiology, pathogenesis, diagnosis and medical/surgical treatment of urinary stones.

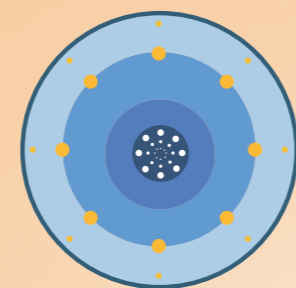
The meeting will be hosted by the Brazilian Society of Nephrology and Brazilian Society of Urology. The exciting program will comprise State of the Art Lecture; Guest lectures; Review lectures; Mini-Conferences; Round table discussion; Plenary debate; Oral presentations; Poster sessions.

Come to know Ouro Preto, another kind of the Brazilian tourist point: a lovely 18th century village, designed by UNESCO as a world heritage site. We will also arrange a multi-faceted social program for you enjoy your stay in our city.

You can already access our website [www.urolithiasis2012.com](http://www.urolithiasis2012.com)  
We are looking forward to welcome you.

**Jose Augusto Meneses**  
Chairman

**Nestor Schor**  
Chairman



## 12<sup>th</sup> International Symposium on Urolithiasis

May , 09<sup>th</sup> to 12<sup>th</sup>, 2012 - Ouro Preto, Brazil

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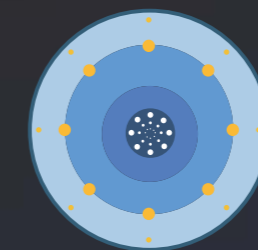


Sociedade Brasileira de Nefrologia



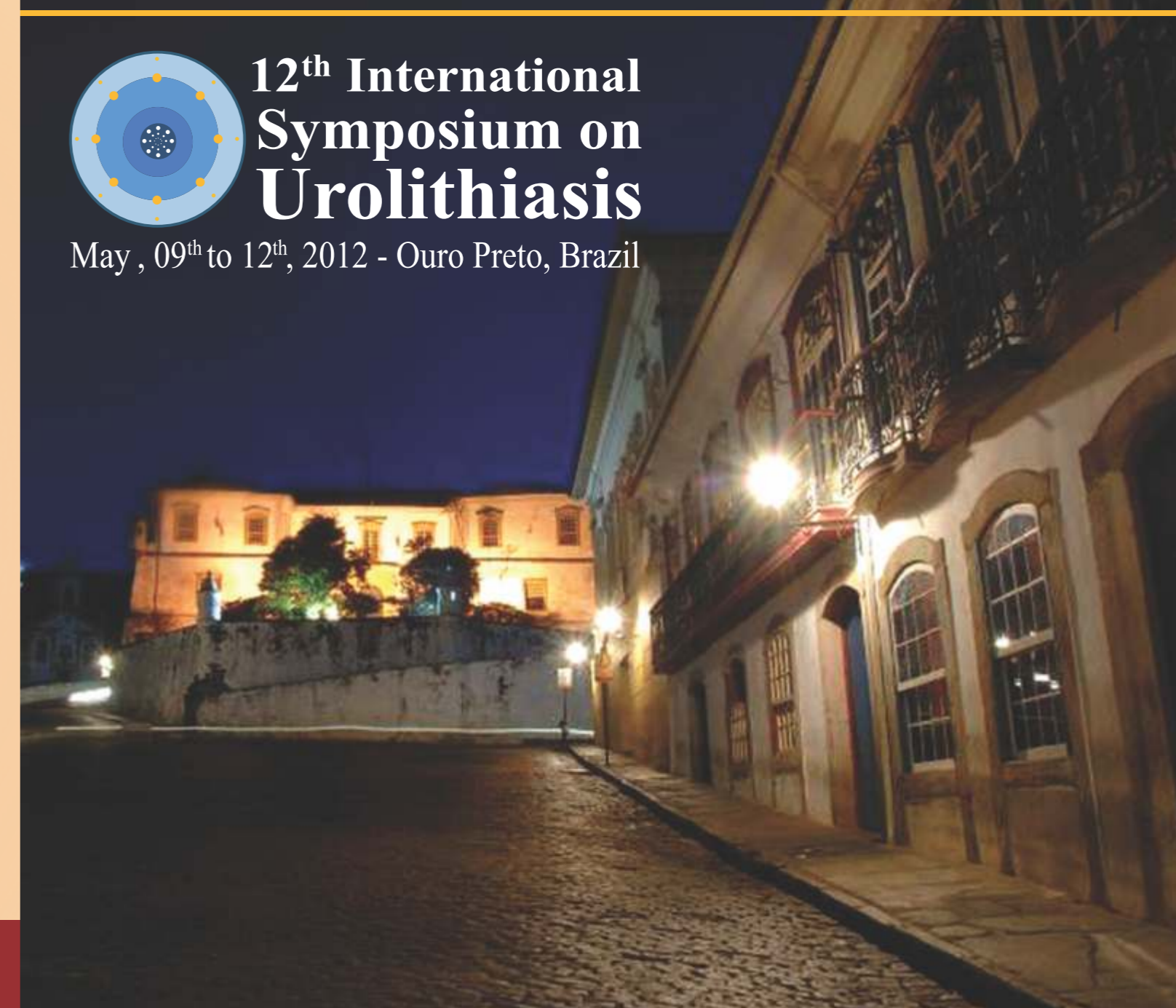
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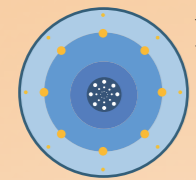


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Access our website: [www.urolithiasis2012.com](http://www.urolithiasis2012.com)



# 12<sup>th</sup> International Symposium on Urolithiasis

May, 09<sup>th</sup> to 12<sup>th</sup>, 2012 - Ouro Preto, Brazil

## Invited Speakers

Alberto Trinchieri (Italy)  
 Allen Rodgers (South Africa)  
 Andy Rule (USA)  
 Armando Negri (Argentina)  
 Ben Chew (Canada)  
 Bernard Hess (Sweden)  
 Bode Knudson (USA)  
 Burak Turna (Turkey)  
 Cezar Scoffone (Italy)  
 Chris Danpure (USA)  
 Christian Turk (Austria)  
 Craig Langman (USA)  
 Daniel Bichet (France)  
 David Bushinsky (USA)  
 David Goldfarb (USA)  
 Dean Assimos (USA)  
 Dj Kok  
 Elaine Worcester (USA)  
 Elvino Barros (Brazil)  
 Fernanda Teixeira Borges (Brazil)  
 G. Gambaro (Italy)

Gary Curhan (USA)  
 Giovambattista Capasso (Italy)  
 Glenn Preminger (USA)  
 Hans Goren Tiselius (Sweden)  
 Ita P Heilberg (Brazil)  
 J.M. Reis Santos (Portugal)  
 Jocemir Lugon (Brazil)  
 John Asplin (USA)  
 John Denstedt (Canada)  
 Jose Augusto Meneses (Brazil)  
 Juan Antonio Galán (Spain)  
 Kemal Sarica (Turkey)  
 Kent Thornburg  
 Maria E. Melo (Brazil)  
 Maria E. Pinheiro (Brazil)  
 Maria Goretti Penido (Brazil)  
 Mauricio Carvalho (Brazil)  
 Mike Lipkin (USA)  
 Mirian Boim (Brazil)  
 Nagaraja Rao (UK)  
 Naima Smeulders (UK)

Neil Burgess (UK)  
 Nestor Schor (Brazil)  
 Noor Buchholz (UK)  
 Olivier Devuyst (France)  
 Olivier Traxer (France)  
 Orson Moe (USA)  
 Palle Jorn Osther (Denmark)  
 Peggy Pearle (USA)  
 Peter Saunders (UK)  
 Philippe Jaeger (Sweden)  
 Roger Sutton (Canada)  
 Rosemary L. Ryall (Australia)  
 Ross Holmes (USA)  
 Roswitha Siener (Germany)  
 Saeed Khan (USA)  
 Sven Lahme (Germany)  
 Terik Esen (Turkey)  
 Thomas Knoll (Germany)  
 Uri Alon (USA)  
 Walter Strohmaier (Germany)

[www.urolithiasis2012.com](http://www.urolithiasis2012.com)

## Scientific Program Topics

### •Round Tables:

#### - Nutrition / Management:

- Dietary factors
- Dietary oxalate an Internet-based program to help stone formers modify their diet
- Mechanisms of thirst: could we identify new targets to stimulate it safely?

#### - Oxalate Stones:

- Diet sources
- Hereditary hyperoxalurias
- Probiotics as a possible treatment for hyperoxaluria

#### - Genetics and Kidney Stones

- Cystinuria
- Monogenic Hypercalciuric Disorders
- FGF23, its potential participation in renal stone formation
- Racial differences in urolithiasis

#### - Idiopathic Hypercalciuria: The bone, Intestine or kidney's fault

- Altered calcium renal tubular handling and intestinal absorption:
- Bone alterations
- Treatment of Hypercalciuria in the Genetic Hypercalciuric Stone-Forming Rat Improves Bone Quality

#### - Paediatric Stones

- Hypercalciuria & Hypocitraturia
- Hyperoxaluria
- Nephrocalcinosis

#### - Is Klotho protein involved in any way in the process of so called idiopathic hypercalciuria?

#### - CaSR an important modulator of ions and water handling along the nephron

#### - Urinary crystallization

- Role of Glycosaminoglycans
- Role of Citrate
- Role of Tamm - Horsfall

#### - Urolithiasis and chronic disease:

- Metabolic Syndrome and Urolithiasis
- Hypertension and Urolithiasis
- Chronic Kidney Disease and Urolithiasis

#### - Discussion Radiologic Evaluation of the Stone Former:

- Appropriate pre operative imaging
- Radiologic follow up
- Ways to reduce Radiation exposure

#### - PCNL: PNL In the era of flexible URS

- Positions for PCNL
- Combined PCNL and Flexible URS for complex stones
- How to avoid and treat complications PCNL in morbid obese patients

#### - Surgical Management of stones in patient with Complex Anatomy

- Urinary diversion
- Solitary kidney
- Ectopic kidney

#### - Endourology versus Shock Wave Lithotripsy part counterpart discussions

- Obese patients
- Renal calculi
- Ureteral calculi

#### - Patient compliance: Diet and lifestyle

#### - The difficult stone former: Management and follow-up

#### - Case Discussions: Ureteral Calculi

#### - Advances in Intracorporeal Lithotripsy:

- Ultrasonic lithotripsy
- Laser lithotripsy

#### - Ureteroscopy

- Flexible ureteroscopy
- Rigid ureteroscopy
- Guidelines for ureteral stone management

#### - Renal colic: Upper urinary tract pain

- Physiology
- Diagnosis
- Analgesia
- How long to wait before intervention
- Drink or not drinking

#### - The Economics of Stone Management

- The Economics of Stone Management in USA
- The Economics of Stone Management in Europe
- The Economics of Stone Management in Brazil

### •Mini-conferences:

#### - Obesity and Stone Disease:

- Intestine and stones (Inflammatory bowel disease and bariatric surgery)

#### - Natural clinical course of residual fragments

#### - Expulsive medical therapy

#### - Management of Staghorn Stones

#### - Management of Symptomatic Renal Stone in Pregnancy

#### - Urinary Diversion

### •Lectures:

#### - Up close and personal: Intimate relationships in calcium stone disease

#### - Epidemiology of Stones Disease

#### - Randal's Plaque and Stone Disease

#### - Clinical Surgical Treatment of Urolithiasis: An evidence – based approach

#### - Medullary sponge kidney

#### - Metaphylaxis

#### - Medullary sponge kidney

#### - Diagnosis of urolithiasis

#### - Acute management of suspected nephrolithiasis in adults

#### - Prophylactic management of struvite stones

### •Guest Lectures:

#### - Genetics - The influence of nutrition on the genome

### •Review Lectures:

#### - Metabolic factors of urolithiasis

#### - Crystals and Cells

#### - Stenting or not stenting?

#### - Epidemiology

#### - Flexible URS for large renal stones

#### - Rigid URS

#### - Sheets and baskets

#### - SWL

#### - Mini-perc: fact or fiction

#### - Robotics for stones

#### - Stones and Infections

- Stones in neurogenic bladder
- Management of urosepsis in stone obstructive patients

#### •Plenary Debate: Phytotherapy Brazilian Experience with Phyllanthus Niruri

- Experimental data
- Clinical data

#### •A critical look at guidelines for stone prevention

#### •Presentation the venue of the next International Symposium on Urolithiasis

#### •Moderator Panel: Stones in the lower pole:

- Perc
- SWL

#### •Surgical Management in pediatric stones:

- SWL
- Mini-perc
- URS

#### •Physicochemical Approaches for the Study of Urolithiasis

#### •Endourological technique

#### •Clinical management of urolithiasis



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