

Speakers

- 1. Isabelle Brochériou MD,PhD**
Service d'Anatomie Pathologique, Hôpital de la Pitié-Salpêtrière, Paris, France
Sorbonne Universités, Faculté de Médecine
Institut National de la Santé et de la Recherche Médicale (1155), Paris, France
- 2. Michel Daudon MD,PhD**
Service d'Explorations Fonctionnelles Multidisciplinaires, AP-HP, Hôpital Tenon,
Sorbonne Universités, Groupe de Recherche Clinique sur la Lithiase Urinaire, Hôpital Tenon,
Institut National de la Santé et de la Recherche Médicale, Paris, France
- 3. Pietro Manuel Ferraro, MD MSc PhD FERA**
Director - Conservative Management of Chronic Kidney Disease Unit, Fondazione Policlinico
Universitario A. Gemelli IRCCS, Università Cattolica del Sacro Cuore, Rome, Italia
Senior Collaborator in the Nurses' Health Study, Brigham and Women's Hospital, Channing Division
of Network Medicine
- 4. Khanh Le Dinh MD,PhD**
Department of Urology, Hue University of Medicine and Pharmacy, Hue, Vietnam
- 5. Francois Legrand**
Department of Urology, Erasme Hospital,
Faculty of Medicine, Université Libre de Bruxelles (ULB),
Laboratory of Experimental Nephrology, Brussels, Belgium
- 6. Emmanuel Letavernier MD,PhD**
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Sorbonne Universités, Groupe de Recherche Clinique sur la Lithiase Urinaire, Hôpital Tenon,
Institut National de la Santé et de la Recherche Médicale, Paris, France
- 7. Giovanni Gambaro MD,PhD**
Division of Nephrology and Dialysis, Department Of Medicine,
University of Verona, Verona, Italy
- 8. Viridiana Grillo**
Registered dietitian , MFP Haute Ecole de Vinci, Institut Paul Lambin, Bruxelles, Belgique
- 9. Naim Maalouf, M.D.**
Department of Internal Medicine, Division of Endocrinology,
and Charles and Jane Pak Center for Mineral Metabolism and Clinical Research,
University of Texas Southwestern Medical Center, Dallas, TX, USA
- 10. Agnieszka Pozdzik MD,PhD**
Kidney Stone Clinic, Nephrology Department, Hospital Brugmann, Bruxelles, Belgium
Faculty of Medicine, Université Libre de Bruxelles (ULB),
Laboratory of Experimental Nephrology, Brussels, Belgium
- 11. William Robertson PhD DSc**
Visiting Professor, Nuffield Department of Surgical Sciences, University of Oxford.
Stone Biochemist, Lithoscreen Service, Cambridge, UK, Editor-in-Chief of Urolithiasis.

- 12. Gina Reichman MD**
Kidney Stone Clinic, Urology Department, Hospital Brugmann, Bruxelles, Belgium

- 13. Khashayar Sakhaee MD**
Department of Internal Medicine, Division of Nephrology,
and Charles and Jane Pak Center for Mineral Metabolism and Clinical Research,
University of Texas Southwestern Medical Center, Dallas, TX, USA

- 14. Kemal Sarica MD,PhD**
Department of Urology,
Biruni University Medical School, Istanbul, Turkey
(EULIS)

- 15. David Sas,**
Division of Pediatric Nephrology and Hypertension, Department of Pediatric and Adolescent
Medicine, Division of Nephrology and Hypertension, Department of Medicine. Director, Children's
Center Patient Experience, Co-Director, Renal Lab, Department of Laboratory Medicine and
Pathology, Mayo Clinic, Rochester, USA

- 16. Andrea Tasca MD,PhD**
Department of Medicine,
International University for Peace, Rome, Italy.

- 17. Else Van de Perre MD**
Nephrology Department,
University Hospital Brussels, Brussels (UZ Brussel), Belgium

- 18. Carl Van Haute MD**
Department of Urology, KUL, Leuven, Belgium

- 19. James C. Williams PhD**
Department of Anatomy, Cell Biology & Physiology
Indiana University School of Medicine, Indianapolis, IN, USA

Day 1

Thursday May 5th, 2022

12h00 13h00	Registration	
13h00 13h10	Welcome : Laurette Onkelinx, Pierre Wauthy and Belgian Health Minister Introduction : Agnieszka Pozdzik & Michel Daudon & Khashayar Sakhaee & Giovanni Gambaro	
Day 1 Session 1: Overview-Epidemiology		
	Chairmen:	Gina Reichman Carl Van Haute Naim Maalouf James C. Williams
13h10 13h30	Kidney stones disease in 2022: global overview	Khashayar Sakhaee
13h30 13h50	Kidney stones disease: epidemiological aspects and Asia specificity	Khanh Le Dinh
13h50 14h10	Dietary habits and urinary profile	William Robertson
14h10 14h30	What nutrition for kidney stones in 2021 ?	Giovanni Gambaro
14h30 14h40	Q&A	
14h40 15h00	Coffee Break	
Day 1 Session 2: Nutrition and Kidney Stones		
	Chairmen:	Viridiana Grillo Frederic Cotton William Robertson Andrea Tasca
15h00 15h40	Morpho-constitutional classification of kidney stones –how, when and why analysis of kidney stones is required?	Michel Daudon
15h40 15h55	Cas vignette 1	Participant
15h55 16h10	Cas vignette 2	Participant
16h10 16h25	Cas vignette 3	Participant
16h25 16h40	Cas vignette 4: “Trust my morphology: the key message from kidney stone	Agnieszka Pozdzik
16h40 17h00	Sponsors presentation	
17h00	End of day 1	
19h00: Cultural Program & Opening dinner		

Day 2**Friday, May 6th, 2022**

8h45-9h00	Welcome & Introduction: Gina Reichman & Emmanuel Letavernier & Naim Maalouf	
Day 2 Session 1: Basic Pathophysiology		
	Chairmen:	Caroline Geers Isabelle Brocheriou Emmanuel Letavernier Frederic Cotton
9H00 9H30	Randall's plaque formation	James C. Williams
9h30 10h00	Pathological aspects of crystal induced nephropathy	Isabelle Brochériou
10h00 10h30	How to improve the identification of tissue crystals and of challenging crystalluria?	Michel Daudon
10h30 10h50	Coffee Break	
Day 2 Session 2: Infection Related Kidney Stones		
	Chairmen:	Evelyne Maillart Kemal Sarica Carl Van Haute Thierry Roumeguere Francois Legrand
10h50 11h10	Urinary infection and nephrolithiasis - medical management	Giovanni Gambaro
11h10 11h50	Urinary infection and nephrolithiasis - surgical management	Andrea Tasca
11h50 12h30	Encrusting pyelitis and cystitis – medical and surgical management	Else VandePerre Gina Reichman
12h30-13h30	Lunch & Poster visits	
Day 2 Session 3: Urological Management of Kidney Stones Formers		
	Chairmen:	Thomas Tailly Francois Legrand Andrea Tasca Khanh Le Dinh
13h30 14h10	Kidney Stones in adults – endoscopy and surgery	Gina Reichman Carl Van Haute
13h50 14h30	Kidney Stones in children -- endoscopy and surgery	Kemal Sarica
14h30 14h50	Metabolic aspects of kidney stone in children	David Sas

14h50 15h10	Coffee Break	
Day 2 Session 4: Rare Kidney Stones		
	Chairmen:	Isabelle Brocheriou Khalid Ismaili James C. Williams Emmanuel Letavernier
15h10 15h50	Metabolism of calcium and calcium phosphate stones	Naim Maalouf
15h50 16h10	Drugs and exogen substances related kidney stones – new methods for adequate diagnosis	Michel Daudon
Day 2 Session 5: Metabolic Evaluation Of The Stone Patient		
	Chairmen:	Naim Maalouf Andrea Tasca Emmanuel Letavernier Kemal Sarica
16h10 16h30	Metabolic evaluation of the stone patient: when and what is necessary to do - practical guidelines	Pietro Manuel Ferraro
16h30 17h00	How to improve the compliance? Time for innovation in care of the stone patient	Agnieszka Pozdzik
17h00 17h15	Conclusions Day 2 - Main Points	Drs Letavernier, Sakhaee and Giovanni Gambaro
19h00	Dinner at your hotel	

Day 3

Friday, Saturday 7th 2022

8h45- 9h00	Welcome & Introduction: Agnieszka Pozdzik & Michel Daudon & Khashayar Sakhaee & Giovanni Gambaro	
Day 3 Session 1: How to approach lithogenesis in 2022		
	Chairmen:	Carl Van Haute Aranud Doerfler Naim Maalouf James Williams
9H00 9H20	Algorithm for identification of crystals in kidney biopsy	Isabelle Brochériou,
9h20 10h00	Kidney stones pathogenesis: why, when and how to assess crystalluria?	Michel Daudon
10h00 10h40	Dietetic approach of kidney stone formers	Viridiana Grillo
10h40 11h00	Coffee Break	
Day 3 Session 2: Genetic kidney stone diseases		
	Chairmen:	Khalid Ismali James C. Williams Simon Van Holder Michel Daudon Pietro Manuel Ferraro
11h00 11h20	When to suspect a genetic vs acquired origin of kidney stones?	Naim Maalouf
11h20 12h00	Monogenic disorders and nephrolithiasis	Giovanni Gambaro
12h00 12h20	Stone phenotype in genetic diseases	Emmanuel Letavernier
12h20 13h30	Lunch	
Day 3 Session 3: Kidney Stones As A Systemic Disorder in 2022		
	Chairmen:	Joelle Nortier Peter Van Evenepoel Naim Maalouf
13h30 13h50	Vascular risk in kidney stone formers	Giovanni Gambaro
13h50 14h10	Recent advances in pathophysiology and medical treatment of uric acid stones	Khashayar Sakhaee
Day 3 Session 4: Secondary prevention of nephrolithiasis		

14h10 14h30	Measures for the secondary prevention of nephrolithiasis – overview of European weaknesses and strongest guidelines	Giovanni Gambaro
14h30 14h50	Discussion	
14h50 15h10	3 Oral communications: (5') Award : Best poster	Organizing committee
15h10 15h20	Closing conclusions - Main Points	Drs James C. Williams & Kemal Sarica & Khanh Le Dinh & William Robertson
15h00 16h00	Cultural Program & Sponsors time	