Contents

Welcome Message ................................................................. 3
Committee Members .............................................................. 4
Access ................................................................. 5
Schedule ............................................................ 6
Floor Plan .......................................................... 9
General Information .............................................................. 10
Information for Chairs and Speakers ............................................. 12
Award and Social Programs .......................................................... 15
Acknowledgements .............................................................. 16

Lecture .......................................................... 17
Guideline ........................................................ 34
Symposium .......................................................... 36
Oral Session .......................................................... 64
Moderated Poster ............................................................ 68
Free Poster .......................................................... 71
Luncheon Seminar ............................................................ 76
Hands-on Seminar / Presidential Seminar ......................................... 77

Index .............................................................. 80
Welcome Message

Dear Colleagues!

On behalf of the Organizing Committee, it is our great pleasure to welcome you to the 13th International Symposium on Urolithiasis (ISU2016) to be held in Makuhari, Japan from July 19th to 22nd, 2016. ISU2016 is the thirteenth symposium in a series of international symposia which started in Leeds, UK in 1968 and which have been subsequently held every four years in different parts of the world.

The Program Committee of ISU2016 have selected the most intriguing topics on urolithiasis research and clinical aspects of stone disease. Scientists and physicians of different specialties and fields from all over the world will meet to exchange new ideas and knowledge in the history, metaphylaxis, epidemiology, pathogenesis, diagnosis and medical/surgical management of urinary stones.

There will be 12 keynote lectures and 10 symposia delivered by international faculty and distinguished leaders in this field. Guideline lectures will be given by AUA and EAU faculties. Hands-on seminar on endourology will be scheduled during the congress period.

Makuhari is conveniently located between Narita International Airport and Haneda Airport. Only 20 minutes away is the Tokyo Disney Resort, the world-famous theme park. You can visit traditional and historical places through Tokyo station, the gateway of Japan, which is just 30 minutes away by train.

We hope you will get new insights and innovations at this meeting and enjoy your stay in Makuhari!

Sincerely yours,

Tomohiko Ichikawa, M.D., Ph.D.
Congress President

Katsuhito Miyazawa, M.D., Ph.D.
Co-Congress President
Committee Members

Honorary President
Koji Suzuki, Japan

Congress President
13th International Symposium on Urolithiasis
Tomohiko Ichikawa, Japan

Co-Congress President
13th International Symposium on Urolithiasis
Katsuhiro Miyazawa, Japan

Congress President
26th Annual Meeting of Japanese Society on Urolithiasis Research
Yukio Naya, Japan

Steering Committee
Walter L. Strohmaier, Germany
Rosemary L. Ryall, Australia
William G. Robertson, UK
Allen L. Rodgers, South Africa
Hans-Göran Tiselius, Sweden
Glenn M. Preminger, USA
Fazil Y. Marickar, India
Alberto Trinchieri, Italy
Philippe Jaeger, UK
Nestor Schor, Brazil
Marguerite Hatch, USA
Saeed R. Khan, USA
Kemal Sarica, Turkey
Katsuhiro Miyazawa, Japan

Local Organizing Committee
◆ Finance Committee
Chairman: Isao Hara, Japan
Member: Yasuo Kohjimoto, Japan
Member: Satoshi Yamaguchi, Japan
◆ PR Committee
Chairman: Takahiro Yasui, Japan
Member: Atsushi Okada, Japan

◆ Program Committee
Chairman: Tatsuya Nakatani, Japan
Member: Taro Iguchi, Japan
Member: Shinichi Sakamoto, Japan
Member: Nobuyo Morita, Japan

◆ Exhibition Committee
Chairman: Takashi Arakawa, Japan

◆ International Committee
Chairman: Kikuo Nutahara, Japan

◆ Audit Committee
Member: Keiich Tozawa, Japan
Member: Motoyuki Masai, Japan
Access

Makuhari Messe International Conference Hall
The Venue for ISU2016

HOTEL THE Manhattan
Gala Dinner
## Schedule

### Day 1: July 19 (Tue)

<table>
<thead>
<tr>
<th>Time</th>
<th>Room 1</th>
<th>Hands-on Seminar</th>
<th>ISU Poster/Exhibition</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30</td>
<td>2F International Conference Room</td>
<td>(JSUR2016)</td>
<td></td>
</tr>
<tr>
<td>8:00</td>
<td></td>
<td></td>
<td>2F Convention Hall A</td>
</tr>
<tr>
<td>9:00</td>
<td>Welcome Remarks</td>
<td>Lecture 1</td>
<td>ISU Poster Mounting</td>
</tr>
<tr>
<td>9:00-9:30</td>
<td>2F</td>
<td>Extracorporeal shock wave lithotripsy (ESWL)</td>
<td>9:00-10:00</td>
</tr>
<tr>
<td>9:30-10:00</td>
<td>3F</td>
<td>Lecture 2: Residual fragments; definition, evaluation and management</td>
<td></td>
</tr>
<tr>
<td>10:00</td>
<td>Oral Session 1</td>
<td>Diagnosis and economics of urolithiasis</td>
<td>Exhibition</td>
</tr>
<tr>
<td>10:00-10:40</td>
<td>3F</td>
<td>O(0) ~ 04</td>
<td>OLYMPUS CORPORATION</td>
</tr>
<tr>
<td>11:00</td>
<td>Symposium 1</td>
<td>Radiographic diagnosis and treatment of urolithiasis</td>
<td></td>
</tr>
<tr>
<td>12:00</td>
<td>Luncheon Seminar 1</td>
<td>Androgen Receptor and Stone-CaO Crystal Formation - Urinary, Prostate, Kidney -</td>
<td>Exhibition</td>
</tr>
<tr>
<td>13:00</td>
<td>Androgen Receptor</td>
<td>O(0) ~ 09</td>
<td>9:00-18:45</td>
</tr>
<tr>
<td>14:00</td>
<td>Oral Session 2</td>
<td>Randall's plaques and hypercalciuria</td>
<td>ISU Poster Viewing</td>
</tr>
<tr>
<td>14:00-14:50</td>
<td>3F</td>
<td>O(0) ~ 09</td>
<td>10:00-17:15</td>
</tr>
<tr>
<td>14:50-15:10</td>
<td>3F</td>
<td>Lecture 3: Urinary risk factors for urolithiasis</td>
<td></td>
</tr>
<tr>
<td>15:10-16:10</td>
<td>3F</td>
<td>Tea &amp; Coffee</td>
<td>Hands-on Seminar 3-1</td>
</tr>
<tr>
<td>16:00</td>
<td>Symposium 2</td>
<td>Dietary habit and risk of urolithiasis</td>
<td>OLYMPUS Hands-on Seminar 3-1 - Flexible URS: Learning A to Z -</td>
</tr>
<tr>
<td>16:10-17:10</td>
<td>3F</td>
<td>Symposium 3</td>
<td>OLYMPUS CORPORATION</td>
</tr>
<tr>
<td>17:10-18:45</td>
<td>3F</td>
<td></td>
<td>Welcome Reception</td>
</tr>
<tr>
<td>18:00</td>
<td></td>
<td></td>
<td>ISU Free Poster Discussion</td>
</tr>
</tbody>
</table>
**Schedule**

**Day 2: July 20 (Wed)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Room 1</th>
<th>Room 2</th>
<th>Room 3</th>
<th>JSU Poster/Hands-on Exhibition</th>
<th>ISU Poster/Exhibition</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30</td>
<td>2F 201</td>
<td>2F 201</td>
<td>3F 301</td>
<td>2F Exhibition Hall A</td>
<td></td>
</tr>
<tr>
<td>9:00-9:30</td>
<td>Lecture 4</td>
<td></td>
<td>Oral Session 3: Uric acid stones and others</td>
<td>9:00-9:30</td>
<td></td>
</tr>
<tr>
<td>9:30-10:00</td>
<td>Lecture 5</td>
<td></td>
<td>Oral Session 4: Pathogenesis of stones</td>
<td>10:00-10:30</td>
<td>JSU Poster Mounting</td>
</tr>
<tr>
<td>10:00-10:30</td>
<td>Guideline 1</td>
<td></td>
<td></td>
<td>10:00-10:30</td>
<td></td>
</tr>
<tr>
<td>10:30-11:00</td>
<td>Guideline 2</td>
<td></td>
<td></td>
<td>10:00-11:00</td>
<td>Symposium 1: How do we treat renal stones? 1-1.5cm?</td>
</tr>
<tr>
<td>11:00-11:30</td>
<td>Symposium 4</td>
<td></td>
<td></td>
<td>11:00-12:00</td>
<td>Debate: How do we treat or care for urinary stones of the bedridden elderly people</td>
</tr>
<tr>
<td>11:30-12:00</td>
<td>Lecture 6</td>
<td></td>
<td>Oral Session 5: Epidemiology and nutrition</td>
<td>12:00-12:30</td>
<td>Exhibition Olympus Corporation</td>
</tr>
<tr>
<td>13:00-13:30</td>
<td>Lecture 7</td>
<td></td>
<td>Oral Session 6: Medical management of urin stones</td>
<td>12:30-13:00</td>
<td>Lunch</td>
</tr>
<tr>
<td>13:30-14:30</td>
<td>Lecture 8</td>
<td></td>
<td>Oral Session 7: ESWL and endourology</td>
<td>13:00-13:30</td>
<td>JSU Poster Viewing</td>
</tr>
<tr>
<td>14:00-14:30</td>
<td>Lecture 9</td>
<td></td>
<td></td>
<td>13:30-14:30</td>
<td></td>
</tr>
<tr>
<td>14:30-15:00</td>
<td>Lecture 10</td>
<td></td>
<td></td>
<td>14:00-15:10</td>
<td>Symposium 2: Standardization of endoscopic surgery for urinary stones</td>
</tr>
<tr>
<td>15:00-15:30</td>
<td>Lecture 11</td>
<td></td>
<td></td>
<td>14:30-15:10</td>
<td></td>
</tr>
<tr>
<td>15:30-16:00</td>
<td>Lecture 12</td>
<td></td>
<td></td>
<td>15:00-15:30</td>
<td>JSU Poster Discussion</td>
</tr>
<tr>
<td>16:00-16:30</td>
<td>Lecture 13</td>
<td></td>
<td></td>
<td>15:30-16:00</td>
<td></td>
</tr>
<tr>
<td>16:30-17:00</td>
<td>Lecture 14</td>
<td></td>
<td></td>
<td>16:00-17:00</td>
<td>Closing Remarks</td>
</tr>
<tr>
<td>17:00-17:30</td>
<td>Lecture 15</td>
<td></td>
<td></td>
<td>17:00-17:30</td>
<td></td>
</tr>
</tbody>
</table>

**Notes:**
- ISU2016: 26th Annual Meeting of Japanese Society on Urolithiasis Research
- JSU2016: JSU's 26th Annual Meeting of Japanese Society on Urolithiasis Research
- ISU: ISU's 26th Annual Meeting of Japanese Society on Urolithiasis Research
### Schedule

#### Day 3: July 21 (Thu)

<table>
<thead>
<tr>
<th>Time</th>
<th>Room1</th>
<th>Hands-on Seminar</th>
<th>JSUR Poster</th>
<th>ISU Poster/Exhibition</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9:00</td>
<td>Lecture 9</td>
<td>Role of race, ethnicity and environmental factors</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:00</td>
<td>Lecture 10</td>
<td>Randall’s plaques versus ductal plugs as sites of the earliest growth of kidney stones</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:10</td>
<td>Symposium 7</td>
<td>Oxalate</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11:00</td>
<td>Symposium 8</td>
<td>Inflammation and formation of kidney stone</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12:00</td>
<td>Lunch Seminar 2</td>
<td>Best Learning Methods for Ureteroscopic Surgery Skills</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13:30</td>
<td>Symposium 9</td>
<td>Growth-inhibition of urolithiasis</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14:00</td>
<td>Lecture 11</td>
<td>The principal protein: macromolecules, minerals and renal stones</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15:00</td>
<td>Commendation for Lifetime Achievement Award</td>
<td>Hands-on Seminar 2-3 Flexible URS Hands-on Seminar Boston Scientific Japan K.K.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15:30</td>
<td>Tea &amp; Coffee</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16:00</td>
<td>Symposium 10</td>
<td>Life style-related risk and quality of life in stone formers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>17:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>19:00</td>
<td>Gala Dinner</td>
<td>HOTEL THE Manhattan PRIMAVERA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Day 4: July 22 (Fri)

<table>
<thead>
<tr>
<th>Time</th>
<th>Room1</th>
<th>Hands-on Seminar</th>
<th>JSUR Poster</th>
<th>ISU Poster/Exhibition</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9:00</td>
<td>Lecture 12</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:00</td>
<td>Lecture 13</td>
<td>Future prospects for herbal remedies in the management of urolithiasis</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:30</td>
<td>Oral Session 9</td>
<td>Urolithiasis in pediatrics and pregnant woman Q= 37 -- 40</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:50</td>
<td>Closing Remarks</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(JSUR2016)
Floor Plan

26th Annual Meeting of Japanese Society on Urolithiasis Research (JSUR2016) will be held on July 20 (Wed), on the 3F.
General Information

Outline
Date: Tuesday 19th - Friday 22nd July, 2016
Venue: Makuhari Messe   2-1, Nakase, Mihama-ku, Chiba-city, 261-8550 Japan
Secretariat: c/o Congress Corporation
          Kohsai-kaikan Bldg., 5-1 Kojimachi, Chiyoda-ku, Tokyo, 102-8481 Japan
Official Website: http://www.congre.co.jp/isu2016/index.html

Registration Desk
The on-site registration desk will be located on the 1st floor of the International Conference Hall.
Opening hours are as follows:
• Tuesday, 19th July : 8:00 - 16:30
• Wednesday, 20th July: 8:00 - 16:30
• Thursday, 21st July: 8:30 - 16:00
• Friday, 22nd July: 8:30 - 10:00

Registration
REGISTRATION CATEGORIES
Doctor
Resident*
Medical staff / Student*
One day**
Accompanying Person***

ON-SITE REGISTRATION
JPY 50,000
JPY 20,000
JPY 10,000
JPY 15,000
JPY 15,000

Important:
Payments must be made by Japanese Yen (credit card is available).
*The reduced registration fee for Resident, Student, Medical staff are only granted if appropriate certificate or
identification card is provided at registration desk. Certificate format is available on official website.
**One day fee allows attending ISU2016/JSUR2016 for just one day and you can select the day of your preference.
***Accompanying Person can access exhibition area, but registration of Accompanying Person does not include
access to scientific programs.

Badge Identification
A name badge is provided at registration desk. For security and regulation purposes, the wearing of the
badge is compulsory at all times both inside Makuhari Messe and at all official events organized within
the context of the congress.

Registration Cancellation Policy
No refund will be issued for cancellations received on or after Friday, 1st June, 2016 (JST) or for no-shows.

Abstracts
Abstracts are published online (supplement issue of Urolithiasis).
You can access SpringerLink through ISU2016 official website and find the abstracts for free from Friday,
1st July to Wednesday, 31st August.
Note: It will no longer be free to access the supplement issue after Thursday, 1st September.
Certificate of Attendance
A certificate of attendance will be printed and given to all the participants together with your name badge at the registration desk.

Exhibition
Venue: Convention Hall A
Opening hours are as follows:
• Tuesday, 19th July :  9:00 - 18:45
• Wednesday, 20th July : 9:00 - 18:00
• Thursday, 21st July :  9:00 - 18:02

Tea & Coffee
Tea and Coffee will be available to participants at the following hours and dates at Convention Hall A.
• Tuesday, 19th July :  14:50 - 15:10
• Wednesday, 20th July : 15:00 - 15:20
• Thursday, 21st July :  15:30 - 15:40

Lunches and Doughnuts
Lunch boxes will be provided at all Luncheon Seminars without any charge.
Lunch boxes will be provided on a first come first served basis; please note that they are in limited supply.
Before the sessions on 20th-22nd morning, doughnuts will be served at the lobby on the 2nd floor.

Hands-on Seminar
In parallel with the scientific program, hands-on seminar will be held on Thursday, 21st July at 202.
Hands-on seminar needs pre-registration. Please access official website for detailed information.

Rules and Restrictions in the Venue
• It is prohibited to photograph, film or record the presentations and lectures of the Symposium.
• The venue is a non-smoking area. Please smoke only at the designated smoking areas.
• Please be sure to switch off all mobile phones or set them on silent mode upon entering the venue.

Cloakroom
A cloakroom is located on the 1st floor. Please make sure that no personal belongings are left after sessions closing each day.
Opening hours are as follows:
• Tuesday, 19th July :  8:00 - 19:00
• Wednesday, 20th July : 8:00 - 19:15
• Thursday, 21st July :  8:30 - 18:15
• Friday, 22nd July :  8:30 - 11:15

Internet Access
The Congress organizers have made available to the participants a Wi-Fi access. This access is free of charge and will be provided for the duration of the event.

Lost and Found
Lost items should be returned to the General Information Desk which is located on the 1st floor. Should you lose anything, please report to this desk for assistance.
Information for Chairs and Speakers

Guidelines for Chairs

1. Please take a seat in the front row of the room specially reserved for the next session’s chair, at least 10 minutes prior to the session that he/she is scheduled to chair.
   * For chairs of Moderated poster: Please come to Cheek-in Desk for chairs of Moderated poster in the Convention Hall A at least 10 minutes prior to your session.

2. As there will be no announcement or cue, please proceed to take the stage promptly at the appointed time and initiate the session. We request for your cooperation to ensure that your session proceeds according to the prescribed time limit/schedule.

Disclosure of Conflict of Interest (COI)

All oral and poster presentations are required to show a slide disclosing any potential conflicts of interest. For oral presentation, please insert the COI slide in the second page of your presentation slides. For poster presentation, please place the COI slide at the bottom right of the poster panel. Please download the COI slide templates for the disclosures from the ISU2016 official website.

Guidelines for Speakers of Oral Presentation

1. All presentation must be made in the form of PC presentation in English.

2. Presentation timekeeping
   - Please be punctual and carefully follow the allotted time limits.
   - Illuminating orange lamp indicates one minute remaining and red lamp indicates the end of your presentation.

3. Next Speaker’s seat
   - When the presenter ahead of you takes the stage, please be seated in the Next Speaker’s seat.

4. Notes on preparing your presentation data
   - The resolution of the screen will be XGA (1024 × 768).
   - Use only the standard fonts provided with Microsoft PowerPoint for Windows.
   - Virus scanning in advance is desirable.
   - Prepare your presentation on USB memory or on CD-R. Do not use CD-RW.
   - Be sure that your file is compatible with Windows operation system.
   - Sound cannot be used.

5. Notes for speakers with their own PC
   - Remember to bring your own power adaptor and cables.
   - Your computer must be equipped with a Dsub-15 pin video output. (Thin PCs may not have standard output terminals.)

Dsub-15 pin video output
- Please prepare your slides with Microsoft PowerPoint.
- The PCs prepared by the secretariat will handle Windows and Macintosh versions of Microsoft PowerPoint only.
- Please avoid using KeyNote.
- In case of that you cannot connect to the projector provided by the secretariat, please bring a backup CD-R or USB memory containing the presentation file in a Windows or Macintosh version of Microsoft PowerPoint.
- Presenters are responsible for determining in advance whether their laptop PC is capable of outputting video to an external display. This is especially important your presentation contains a large amount of data and audiovisual content.
- All energy-conserving functions such as screen-savers, sleep/power-saving modes should be disabled on PCs to be used in the presentation.
- Your password also should be inactivated.

6. Presentation file reception and presentation format
- Speakers should preview their presentation and complete a run-through of the connection and operation at the speakers preview center in front of the Room1 (International Conference Room) on the 2nd floor of the International Conference Hall, at least 60 minutes before their sessions start or 30 minutes before if their sessions are scheduled in the first session of the day.
- Staff will be on hand at the speakers preview center to assist speakers.
- The speaker’s podium is equipped with a PC. Speakers are asked to operate during the presentation by themselves.
- After ISU2016, all presentation data installed on the secretariat supplied PCs will be deleted.

[Speakers preview center]
Opening hours:
- Tuesday 19th July : 8:00 - 16:30
- Wednesday 20th July : 8:00 - 16:30
- Thursday 21st July : 8:30 - 16:00
- Friday 22nd July : 8:30 - 10:00

Guidelines for Speakers of Moderated Poster and Free Poster
Venue: Convention Hall A
1. Poster Materials should be prepared in English.
- Presentation time for Moderated poster will be 3 minutes and discussion time will be 3 minutes.
- Poster presenters are expected to stand ready in front of their poster panels during the scheduled presentation time and discussion time with the presenter’s ribbon on their chests, and to have presentation and discussion with other participants.
- All poster boards will be assigned with a number which corresponds to poster number.
- Authors are required to mount their posters on the designated board and remove them during the time specified below.
- Please use push-pins to affix your poster to the board firmly.
- Any poster left after the scheduled removal time will be discarded by the Secretariat.
2. Poster setup, presentation and discussion, and removal schedule

<table>
<thead>
<tr>
<th>Setup</th>
<th>19th July, 9:00-10:00</th>
<th>Push-pins will be provided by the secretariat.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Presentation &amp; Discussion</strong></td>
<td>Moderate Poster</td>
<td>21st July, 16:50-18:02</td>
</tr>
<tr>
<td></td>
<td>Free Poster (Discussion only)</td>
<td>19th July, 17:30-18:30</td>
</tr>
<tr>
<td><strong>Removal</strong></td>
<td>21st July, 18:02-19:00</td>
<td>Posters not removed by 19:00 on 21st July will be discarded by the secretariat.</td>
</tr>
</tbody>
</table>

3. The size of the poster board is 900mm wide by 2,100mm high. Please prepare your poster in accordance with the figure below.

![Poster Board Diagram]

- Title, affiliation and author's name should be included on the top of the board.
- Space for poster affixing 1,600mm × 900mm
Award and Social Programs

Commendation for Lifetime Achievement Award
Thursday, 21st July: 15:00-15:30
Makuhari Messe, International Conference hall 2F Room1 "International Conference room"
Awardees:
   Hans-Göran Tiselius (Karolinska Institutet)
   Saeed R. Khan (Department of Pathology, Department of Urology, College of Medicine, University of Florida)

Welcome Reception
Tuesday, 19th July : 17:15-18:45
Makuhari Messe, International Conference hall 2F "Convention Hall A"
(Included in the registration fees)

Gala Dinner
Thursday, 21st July : 18:45-20:45
HOTEL THE Manhattan, "PRIMAVERA"
(Ticketed event: Please bring the ticket.)
Acknowledgements

Supporting Organizations
The Japanese Urological Association
Japanese Society of Endourology

Foundations
The Uehara Memorial Foundation
Suzuki Foundation for Urological Medicine
Chiba Convention Bureau and International Center (CCB-IC)
The Tokyo Biochemical Research Foundation
The Naito Foundation

Gold Sponsor
OLYMPUS CORPORATION

Exhibitors/Sponsored Seminars/Advertisements/Contributions

ASAHI KASEI PHARMA CORPORATION
Astellas Pharma Inc.
AstraZeneca K.K.
Bayer Yakuhin, Ltd
B. Braun Aesculap Japan Co. Ltd.
Boston Scientific Japan K. K.
CENTRAL MEDICAL Co., Ltd.
COLOPLAST PORGES
Covidien Japan Inc.
CSL Behring K.K.
DAIICHI SANKYO COMPANY, LIMITED.
DIREX Japan Co., Ltd.
Dornier MedTech Japan Co., Ltd.
EDAPTECHNOMED Co., Ltd.
FUJIFILM Medical Co., Ltd.
GlaxoSmithKline K.K.
INNOMEDICS Medical Instruments Inc.
ISO MEDICAL SYSTEMS INC.
Janssen Pharmaceutical K.K.
Johnson & Johnson K.K.
KISSEI PHARMACEUTICAL CO., LTD.

KYORIN Pharmaceutical Co., Ltd.
KYOWA HAKKO BIO CO., LTD.
KYSMAQ CO., LTD.
Medicon, Inc.
MM CORPORATION
Nippon Chemiphar Co., Ltd.
Nippon Kayaku Co., LTD.
Nippon Shin yak u Co., Ltd.
Novartis Pharma K.K.
Otsuka Pharmaceutical Co., Ltd.
Pfizer Japan Inc.
Sanofi K.K.
SANWA KAGAKU KENKYUSHO CO., LTD.
Shigaku Shoten
SUMIRE MEDICAL CORPORATION
TAIHO PHARMACEUTICAL CO., LTD.
Takai Hospital Supply Co., Ltd.
Takeda Pharmaceutical Company Limited.
TAKEI IKAKOUKI Co., Ltd.
TEIJIN PHARMA LIMITED.
Tomiki Medical Instruments Co., Ltd.

As of 22nd June, 2016
Lecture 1

L-01 Extracorporeal shock wave lithotripsy (ESWL)

July 19 (Tue) 9:00-9:30
Room 1 (2F International Conference Room)

Chair

Tadashi Matsuda
Kansai Medical University, Japan

Dr. Tadashi Matsuda graduated from Kyoto University School of Medicine in 1978, and is Professor and Chairman of the Department of Urology and Andrology, Kansai Medical University, Japan since 1995. He is currently Vice Dean of the university, and Vice Director of Kansai Medical University Hirakata Hospital. Dr. Matsuda has contributed to the field of endourology and urologic laparoscopy. He served as the President of the Japanese Society of Endourology, and the President of the Local Organizing Committee of 29th World Congress of Endourology and SWL held in 2011 at Kyoto, Japan. He is now the President of the Endourological Society. He is an International Member of the American Association of Genitourinary Surgeons.

Speaker

Christian G. Chaussy
University of Regensburg, Germany

Treated after 6 years of intensive pre-clinical research at the University of Munich on February 7th 1980 the first patient worldwide with ESWL. From 1984 – 1986 he was Professor of Urology and Head of the Stone Center at UCLA, left this tenure position in 1986 to become Chairman of the Department of Urology Klinikum Harlaching in Munich from which he retired in 2010. 1996 he had started the use of HIFU for the treatment of localized Prostate Cancer. 2011 he was President of the Endourological Society. Besides his Professorship in Munich he is currently holding positions as Consultant Professor at the Department of Urology, University of Regensburg and as Clinical Professor of Urology at the Keck School of Medicine, USC.
Lecture 2

L-02 Residual fragments: definition, evaluation and management

July 19 (Tue) 9:30-10:00
Room 1 (2F International Conference Room)

Chair

Tomohiko Ichikawa
Department of Urology, Graduate School of Medicine, Chiba University, Japan

1984 M.D., Chiba University, Chiba, Japan
1989 Ph.D. (Doctor of Medical Science), Chiba University
1989- Postdoctoral Fellow, Johns Hopkins Oncology Center, Baltimore, MD
1991- Clinical Fellow, Department of Urology, Chiba University Hospital
1992- Assistant Professor, Department of Urology, School of Medicine, Chiba University
1997- Assistant Professor, Department of Urology, Teikyo University School of Medicine, Ichihara Hospital
1998- Assistant Professor, Department of Urology, School of Medicine, Chiba University
2001- Associate Professor, Department of Urology, Graduate School of Medicine, Chiba University
2004- Professor and Chairman, Department of Urology, Graduate School of Medicine, Chiba University

2014- President: Japan Society of Andrology
2014- President: Japanese Society of Urolithiasis Research
2013- Board of directors: The Japanese Urological Association
Kemal Sarica
Department of Urology, Dr. Lutfi KIRDAR Research and Training Hospital, Turkey

Graduated Faculty & Year: University of Ankara, Medical School, 1981
Place & Date of Professorship: University of Gaziantep, Medical School, Dept. of Urology, 2003

Professional Publications (215)
Number of Books/Book Chapters: 9

Memberships in Associations
• American Urological Association (AUA)
• European Urological Association (EAU)
• Endourological Society
• Eurolithiasis Society (EULIS)

International positions in Associations
• Chairman : EAU Section of Eurolithiasis (EULIS)
• Member, Urolithiasis Guidelines Committee (EAU)
• Member, International Urolithiasis Society board (IUS)
• Co-chairman International Alliance of Urolithiasis (IAU)

Member (Editorial board, International journals)
Urological Research (Member, editorial board)
Archiv.Italian.Urol.Androl (Member, editorial board)
Lecture 3

L-03 Urinary risk factors for urolithiasis

July 19 (Tue) 14:20-14:50
Room 1 (2F International Conference Room)

Chair

Koji Suzuki
Kanazawa Medical University, Japan

PRESENT APPOINTMENT:
Professor Emeritus,
Department of Urology, Kanazawa Medical University
Uchinada, Ishikawa, 920-0293, Japan

DATE AND PLACE OF BIRTH:
15th Nov 1947, Nara, Japan
NATIONALITY: Japanese

UNIVERSITY: Kanazawa University, Japan
DEGREES: M.D., Ph.D.

PREVIOUS EXPERIENCE:
1974-1990 Department of Urology, Kanazawa Medical University
1990-1991 Department of Surgery, Flinders Medical Centre
1991-2013 Department of Urology, Kanazawa Medical University
(Chairman and Professor)
2013-present Professor Emeritus, Kanazawa Medical University

MEMBERSHIP: International Symposium on Urolithiasis
The Société Internationale d’Urologie
American Urological Association
Japanese Urological Association
Japanese Society on Urolithiasis Research
Japanese Society of Endourology

EDITORIAL AND JOURNAL REVIEW EXPERIENCE:
2003-2012 Associate Editor, Urological Research (Urolithiasis)

ORGANIZATIONAL EXPERIENCE:
1999, 2005 Chair, Japanese Society on Urolithiasis Research
2000-2008 Member, International Organizing Committee,
International Symposium on Urolithiasis
2008-2011 President, Japanese Society on Urolithiasis Research
I have been working on the causes and medical management of kidney stones for over 50 years with particular research interests in the chemical, biochemical, epidemiological, environmental, lifestyle, nutritional and metabolic factors involved in the initiation of renal stone-formation. Based on these findings, I have developed a comprehensive screening system for assessing a given patient’s risk of forming further stones (LITHOSCREEN) which I have been using to manage patients for the past 15 years and which complies completely with the latest AUA Guidelines on the management of patients with kidney stones. LITHOSCREEN also allows me to design an appropriate preventative treatment tailored to the particular risk factors identified in each patient. I am also Editor-in-Chief of *Urolithiasis*, which is the only journal specialising in all aspects of stone research.
Lecture 4

L-04  Overview of endourology

July 20 (Wed)  9:00-9:30
Room 1 (2F International Conference Room)

Chair

Kikuo Nutahara
Department of Urology, Kyorin University School of Medicine, Japan

Dr. Kikuo Nutahara graduated from Iwate Medical University School of Medicine in 1978. Since 2013, he has been Professor and Chairman of Department of Urology, Kyorin University School of Medicine, Tokyo, Japan. He has contributed in the field of endourology and Ca metabolism. He served as a chairman of Japanese Society of Endourology in 2015. He is now a member of the Board of Directors of Japanese Society of Endourology, Japanese Society on Urolithiasis Research, and one of the Delegates of Endourological Society.

Speaker

Walter L. Strohmaier
Klinikum Coburg, Germany

Born in 1957, graduated at the University of Tübingen in 1983. German board certification in 1989. In 1992, Assistant Professor at the University Tübingen and European Board of Urology certification. Since 1996, Head of the Department of Urology and Paediatric Urology, Klinikum Coburg, Academic Hospital, University of Würzburg. Since 1998, Full Professor of Urology, since 2001 Medical Director of Klinikum Coburg.

His scientific work with focus on all aspects of urolithiasis (265 publications, 620 lectures) was honoured by several awards. In 2005, he organized the 11th European Symposium on Urolithiasis. He is chairman of the International Urolithiasis Society, vice-chairman of the guideline panel of the German Association of Urology.

He is Associate Editor of Urolithiasis, reviewing editor of Urologia Internationalis and peer reviewer for all major international urological journals.
Lecture 5

L-05  Cystinuria: genomic characteristics in Japan

July 20 (Wed) 9:30-10:00
Room 1 (2F International Conference Room)

Chair

Tatsuya Nakatani
Osaka City University Graduate School of Medicine, Japan

Osaka City University Graduate School of Medicine (Ph.D., 1983)
Apr-1999: Associate Professor of Department of Urology, Osaka City University Graduate School of Medicine
Apr-2003: Professor and Chairman of Department of Urology, Osaka City University Graduate School of Medicine

Speaker

Tomohiko Ichikawa
Department of Urology, Graduate School of Medicine, Chiba University, Japan

1984  M.D., Chiba University, Chiba, Japan
1989  Ph.D. (Doctor of Medical Science), Chiba University
1989- Postdoctoral Fellow, Johns Hopkins Oncology Center, Baltimore, MD
1991- Clinical Fellow, Department of Urology, Chiba University Hospital
1992- Assistant Professor, Department of Urology, School of Medicine, Chiba University
1997- Assistant Professor, Department of Urology, Teikyo University School of Medicine, Ichihara Hospital
1998- Assistant Professor, Department of Urology, School of Medicine, Chiba University
2001- Associate Professor, Department of Urology, Graduate School of Medicine, Chiba University
2004- Professor and Chairman, Department of Urology, Graduate School of Medicine, Chiba University

2014- President: Japan Society of Andrology
2014- President: Japanese Society of Urolithiasis Research
2013- Board of directors: The Japanese Urological Association
Lecture 6

L-06  Transporter and urolithiasis

July 20 (Wed)  13:30-14:00
Room 1 (2F International Conference Room)

Chair

Tomohiko Ichikawa
Department of Urology, Graduate School of Medicine, Chiba University, Japan

1984  M.D., Chiba University, Chiba, Japan
1989  Ph.D. (Doctor of Medical Science), Chiba University
1989- Postdoctoral Fellow, Johns Hopkins Oncology Center, Baltimore, MD
1991- Clinical Fellow, Department of Urology, Chiba University Hospital
1992- Assistant Professor, Department of Urology, School of Medicine, Chiba University
1997- Assistant Professor, Department of Urology, Teikyo University School of Medicine, Ichihara Hospital
1998- Assistant Professor, Department of Urology, School of Medicine, Chiba University
2001- Associate Professor, Department of Urology, Graduate School of Medicine, Chiba University
2004- Professor and Chairman, Department of Urology, Graduate School of Medicine, Chiba University
2014- President: Japan Society of Andrology
2014- President: Japanese Society of Urolithiasis Research
2013- Board of directors: The Japanese Urological Association

Speaker

Yoshikatsu Kanai
Osaka University Graduate School of Medicine, Japan

Yoshikatsu Kanai, M.D., Ph.D. is Professor of Osaka University Graduate School of Medicine, Osaka, Japan. He graduated from Gunma University School of Medicine (Maebashi, Japan) in 1984 and Graduate School of Medicine, University of Tokyo (Tokyo, Japan) in 1988. He worked as a research associate in Renal Division at Brigham and Women’s Hospital and Harvard Medical School (Boston, U.S.A.) and then promoted as Professor of Pharmacology in Kyorin University School of Medicine (Tokyo, Japan) in 2004. He moved to Osaka University as Professor of Biosystem Pharmacology in 2007. He has worked on molecular identification of many types of transporters that include renal cystine transporter whose genetic defect is the cause of cystinuria. Recently, his research has extended to the unsolved basic issues related to renal cystine transport and cystinuria.
Lecture 7

L-07 Animal models for study of calcium oxalate nephrolithiasis: lessons learned

July 20 (Wed) 14:00-14:30
Room 1 (2F International Conference Room)

Chair

Makoto Morozumi
Department of Urology, Saitama Medical Center/Saitama Medical University, Japan

1982 Graduation of School of Medicine, University of Tsukuba
1982 M.D. (Japan Board of Medical Examiners: No.265815)
1982 Resident, School of Medicine, Juntendo University
1982-83 Assistant of Urology, School of Medicine, Juntendo University
1984 Jan-Jun Urologist, Mito Saisei-kai Hospital
1984 Jul-Dec Urologist, Mitsui Memorial Hospital
1985-1986 Assistant of Urology, School of Medicine, Juntendo University
1986-1987 Jun Urologist, Doai Memorial Hospital
1987 July-1995 Urologist, Koshigaya Municipal Hospital
1995 Ph.D. (Juntendo University: No. 1216)
1995-2000 Chief of Urology, Koshigaya Municipal Hospital
1997-2000 Assistant Professor of Urology, School of Medicine, Juntendo University
2001-2003 Assistant Professor of Urology, Faculty of Medicine, University of the Ryukyus
2003-2004 Visiting Assistant Professor, Department of Pathology, University of Florida
2004-2005 Assistant Professor of Urology, Faculty of Medicine, University of the Ryukyus
2006- Associate Professor of Urology, Saitama Medical Center, Saitama Medical University

Speaker

Saeed R. Khan
Department of Pathology, Department of Urology, College of Medicine, University of Florida, USA

Saeed R Khan is Finlayson Professor of Urological Research in the Department of Urology, University of Florida and Director of their Training Program in Benign Urology Research. He is Associate Editor of Urolithiasis. Dr. Khan investigates all aspects of stone disease using experimental models as well as clinical specimens. His research has been supported by US National Institutes of Health. He has mentored over thirty graduate students and twenty post-doctoral fellows, authored more than four hundred publications including refereed articles in peer reviewed journals, book chapters, editorials, review articles and numerous abstracts. He has also edited a book, Oxalate in Biological Systems as well as Proceedings of the International Symposia. He has participated in numerous national and international meetings, giving more than seventy invited lectures and keynote addresses.
Lecture 8

L-08  The role of fluid intake in the recurrence prevention of urinary stones

July 20 (Wed)  14:30-15:00  
Room 1 (2F International Conference Room)

Chair

Bernhard Hess  
Internal Medicine and Nephrology, Kidney Stone Center Zurich, Klinik Im Park, Zurich, Switzerland

1972-1978 : Medical School Zurich.  
1980 : M.D. degree, Faculty of Medicine, Zurich.

1980-1981 Pathology, Liestal/Basle  
1981-1989 Internal Medicine and Nephrology in Zurich and Chicago

1989-1999: Chief-Resident and Chief ai of General Internal Medicine, University Hospital Berne  
1994 Associate Professor Nephrology, University of Berne  
1999-2005: Chief of Internal Medicine, Hospital Zimmerberg, Waedenswil/Zurich  
2002 Associate Professor Internal Medicine, University of Zurich

7/2005- : Internal Medicine and Nephrology, Hirslanden Klinik Im Park Zurich and Paracelsus Hospital Richterswil/Zurich, Switzerland  
Founder/Chief of Kidney Stone Center Zurich

Nationally/internationally 700 lectures/workshops.  
More than 150 scientific papers/reviews/book chapters.  
Grant recipient for research on idiopathic calcium nephrolithiasis

Member of Editorial Board of Urolithiasis, regular reviewer for nephrology and urology journals worldwide

Honorary Member of Swiss Society of Urology, former executive member of eULIS (Eurolithiasis Society, part of EAU)
Roswitha Siener
University Stone Centre, Department of Urology, University of Bonn, Germany

Prof. Dr. Roswitha Siener is a Professor in the Department of Urology at the University of Bonn, Germany, and Head of the University Stone Centre. Areas of her research are nearly all aspects of urinary stone disease, including epidemiology, pathophysiology, metabolism and nutrition. Prof. Siener has authored numerous peer-reviewed articles, book chapters and conference abstracts. She has received several scientific awards both nationally and internationally. Prof. Siener is Editorial board member of the Journal of Translational Medicine, Urolithiasis and Uro-News and board member of the European Association of Urology (EAU) section of urolithiasis (EULIS).
Lecture 9

L-09  Role of race, ethnicity and environmental factors

Kenjiro Kohri
Nagoya City University, Japan

Education
MD  Osaka University Medical School
PhD  Osaka University Medical School

Research & Professional Experience
Resident of Anesthesiology  Osaka Univ Hospital
Urologist  Higashi-Osaka City Hospital
Assistant  Dept Urology, Kinki Univ Med Sch
Lecture  Dept Urology, Kinki Univ Med Sch
Postdoctoral fellow for JSPS and Exchange fellow of British Royal Society Dept
Urology, South Manchester University
Professor  Dept Urology, Nagoya City Univ Med Sch
President  Nagoya City Univ Hospital
Professor  Dept Nephro-Urology, Nagoya City Univ Grad Sc Med Sci
Dean  Nagoya City Univ Grad Sc Med Sci
President  Nagoya City Univ

Speaker
Allen L. Rodgers
University of Cape Town, South Africa

Allen Rodgers MSc, PhD is currently Emeritus Professor & Senior Research Scholar at the University of Cape Town, South Africa, a position which he has held since January 2012. Prior to this he was Professor and Head of the Department of Chemistry for 11 years. He is a Life-time Fellow of the University of Cape Town and a Fellow of the Royal Society of South Africa. His research focus for the past 35 years has been the physicochemical aspects of calcium kidney-stone disease, a field in which he has published over 150 articles in peer-reviewed papers, conference proceedings and abstracts. He has trained 15 PhD and 12 MSc students. He is an Associate Editor of Urolithiasis and has served on the advisory boards of many international conferences on Urolithiasis.
L-10  Randall's plaques versus ductal plugs as sites of the earliest growth of kidney stones

July 21 (Thu)  9:30-10:00
Room 1 (2F International Conference Room)

Chair

Philippe Jaeger
University College of London, Centre for Nephrology, London, UK

Professor Philippe Jaeger: Swiss Internist and Nephrologist holding an Honorary Chair of Nephrology at University College of London, UK.

Currently: Invited Professor and Scientific Adviser at Geneva University, Switzerland; Honorary President of the Fondation du Rein; Vice-President of the Foundation for the Development of Internal Medicine in Europe; Founding Member of the European Federation of Internal Medicine.

In the past: Chairman of Ambulatory Medicine at Berne University, Switzerland; Chairman of Nephrology at Nice University, France; Director Research & Development Nephrology at Amgen International in London, UK; President of Swiss Society of Internal Medicine, French Society of Nephrology, European Federation of Internal Medicine, Fondation du Rein.

Trained in nephrology at Yale University (USA). Current research activity focused on Nephrolithiasis. Excellence in education has been the primary objective of his academic career.

Speaker

James C. Williams
Indiana University School of Medicine, USA

James Williams is Professor of Anatomy and Cell Biology at the Indiana University School of Medicine in Indianapolis, USA, and Adjunct Professor of Urology, University of Southern Denmark, in Odense. His primary area of research is in understanding urinary stone diseases. Recent studies have revealed that some calcium oxalate stone formers produce stones solely on Randall’s plaque (interstitial, white plaque), while others also produce plugging of collecting ducts in the renal papilla. Visualization of these distinct mechanisms (interstitial plaque formation versus ductal plugging) has required study of the structure of the tiny stones that were found growing on the renal papillae in patients. This characterization of these stones has been possible only because of the development of micro-computed tomographic (micro CT) imaging of stones, work begun in Prof. Williams’ laboratory.
Lecture 11

L-11 The primordial protein: macromolecules, minerals and renal stones

July 21 (Thu)  14:30-15:00
Room 1 (2F International Conference Room)

Chair

Katsuhito Miyazawa
Kanazawa Medical University, Japan

PRESENT APPOINTMENT:
Professor and Chairman
Department of Urology, Kanazawa Medical University
Uchinada, Ishikawa, 920-0293, Japan

DATE AND PLACE OF BIRTH:
20th Dec 1959, Ishikawa, Japan

NATIONALITY:
Japanese

UNIVERSITY:
Kanazawa Medical University, Japan

DEGREES:
M.D., Ph.D.

PREVIOUS EXPERIENCE:
1984-1999 Department of Urology, Kanazawa Medical University
1999-2000 Department of Surgery, Flinders Medical Centre
2000- present Department of Urology, Kanazawa Medical University
2011- present Professor, Kanazawa Medical University

MEMBERSHIP:
International Symposium on Urolithiasis
The Société Internationale d’Urologie
Endourological Society
American Urological Association
Japanese Urological Association
Japanese Society on Urolithiasis Research
Japanese Society of Endourology

EDITORIAL AND JOURNAL REVIEW EXPERIENCE:
2012- present Associate Editor, Urolithiasis (Urological Research)
2013- present Editorial Board, International Journal of Urology

ORGANIZATIONAL EXPERIENCE:
2008- present Member, International Organizing Committee,
International Symposium on Urolithiasis
Rosemary L. Ryall
Flinders University, Australia

Professor Emeritus Rosemary Ryall was Chief Medical Scientist and Professor of Urological Research in the Department of Surgery at the Flinders Medical Centre and Flinders University, South Australia.

Forty years ago Rose began investigating biochemical factors affecting the development of kidney stones, especially those influencing the crystallization of calcium oxalate. Her interests later evolved to studying the involvement of urinary macromolecules, principally proteins, in the process. Believing that the understanding of pathological events is illuminated by knowledge of salubrious counterparts in nature, Rose has long advocated the need for stone researchers to learn from examples of healthy biomineralization, which occurs in countless organisms throughout the evolutionary tree.

At the previous International Symposium on Urolithiasis in Brazil she received a Birdwell Finlayson Lifetime Achievement Award for her stone research.
Lecture 12

L-12  A probiotic treatment for kidney stone disease

July 22 (Fri)  9:00-9:30
Room 1 (2F International Conference Room)

Cancelled
Lecture 13

L-13 Future prospects for herbal remedies in the management of urolithiasis

July 22 (Fri) 9:30-10:00
Room 1 (2F International Conference Room)

Chair

Anthony Cf. Ng
The Chinese University of Hong Kong, Hong Kong

Dr Anthony Ng graduated in the Chinese university of Hong Kong in 1993 and became an urologist in 2001. He then spent 1 year in Scotland, worked under Mr David Tolley, and gained extensive experience in stone management.

After completion of his training, Dr Ng decided to join the Chinese University of Hong Kong in 2006 and is currently Director and Professor of the S.H. Ho Urology Centre, CUHK. He has a wide range of interest, in particular in urolithiasis and prostate diseases. He was also honored with the Outstanding Young Urologist Award in 2010 by the Asian Congress of Urology, the International Guest Scholar 2012 of the American College of Surgeons and the World Chinese Urology Association Award 2014, as recognitions to his work in the field.

Speaker

Mayur Danny I Gohel
Tung Wah College, Hong Kong

Danny Gohel completed his Clinical Chemistry degree in USA and returned to Hong Kong for PhD studies under the Prof. Daisy Shum and Prof. Tom Boyde at The University of Hong Kong. He is currently the Professor and Dean of the School of Medical and Health Sciences at Tung Wah College.

Research interests: Physico-chemical aspects of calcium oxalate crystallization, native urinary glycosaminoglycans and Herbal medicines in Urolithiasis and diagnostics of silent stones.

Highlight of Prof. Gohel research career, is the incidence of melamine stones in children which relied on applying all the knowledge gained, studied and seeking expert opinions, which have never been studied, radiologically examined or its metabolism known. He worked with a local Urologist, to investigate into the physico-chemical aspects of the melamine stones and renal cell responses.
Guideline 1

G-01 The 2016 EAU Guideline on Urolithiasis

July 20 (Wed) 10:00-10:30
Room 1 (2F International Conference Room)

Chair

Christian Tuerk
Department of Urology at Rudolfstiftung Clinic, Kidneystone Center (with SWL), Austria

Christian Tuerk (*1951, Vienna, Austria), attended high school (1969 "summa cum laude") and Medical University in Vienna (02/1975). Since then he has been working at the Rudolfstiftung Hospital, a teaching hospital of the Vienna Hospital Association, associated with the Medical University of Vienna. After residency he became responsible assistant medical director of its Kidney Stone Centre in 1986. He served as „Visiting Professor“, among others, at Texas Southwestern Medical School and Mayo Clinic Rochester. He published several listed and not listed publications and chapters in text books and is member of numerous national and international urologic associations. He chairs the Austrian working group on Urolithiasis and the working group on Guidelines on Urolithiasis of EAU. He serves as teacher at the Austrian and the European School of Urology.

Speaker

Thomas Knoll
Klinikum Sindelfingen-Böblingen gGmbH, Germany

Dr. Thomas Knoll is Associate Professor of Urology at Mannheim University Hospital, Germany, and Head of the Department of Urology, Sindelfingen Medical Center, University of Tuebingen, Germany. Dr. Knoll's field of expertise includes endourologic, laparoscopic and robotic surgery for urolithiasis, benign prostatic hyperplasia and uro-oncology. Dr. Knoll won a total of 8 awards pertaining to his innovation and research, including the Arthur-Smith-Award of the Endourology Society. Dr. Knoll has published over 100 manuscripts in peer-reviewed literature and 16 book chapters. Dr. Knoll serves an Editorial board member of several journals. He is board member of the EAU Guidelines Office, the Sections for Urolithiasis, Uro-Technology and Ethics in Live Surgery. In 2015 he was appointed as Member of the EAU Scientific Committee.
Guideline 2

G-02 AUA Surgical Stone Management Guidelines

July 20 (Wed) 10:30-11:00
Room 1 (2F International Conference Room)

Chair

Hans-Göran Tiselius
Karolinska Institutet, Sweden


Associate Editor of Urolithiasis, Advisory Board member of Scandanvian Journal of Urology, Turkish Journal of Urology and Urologia Internationalis.

Honorary member of EAU, eulis and the Swedish Association of Urology.

Speaker

Bodo E. Knudsen
The Ohio State University Wexner Medical Center, USA

Bodo Knudsen is the Director of the Comprehensive Kidney Stone Program at the Ohio State University Wexner Center. He holds the rank of Associate Professor with Tenure and has served as the Department of Urology Interim Chair from September 2014 through June 2016. Dr. Knudsen completed his medical school at the University of Manitoba in 1997 and his residency in 2002. He completed his fellowship in Endourology with Drs. John Denstedt at the University of Western Ontario in 2004. He joined the Ohio State University in 2005. Dr. Knudsen is the Past President of the Ohio Urological Society, the Vice-President of the Engineering and Urology Society, and members of the R.O.C.K. Society and the EDGE Research Consortium. He has published over 60 peer reviewed articles, manuscripts and book chapters.
Symposium 1

S-01  Radiographic diagnosis and treatment of urolithiasis

July 19 (Tue)  11:00-12:00
Room 1 (2F International Conference Room)

Coordinator/Chair

Isao Hara
Department of Urology, Wakayama Medical University, Japan

Education:
1979-1985  School of Medicine, Kobe University
1985-1986  Residence at Department of Urology  Kobe University Hospital
1986-1990  Postgraduate Course, Department of Urology  Kobe University School of Medicine

Research and professional experience:
1991-1993  Postdoctoral Fellow at Memorial Sloan  Kettering Cancer Center
1994-2002  Instructor at Department of Urology  Kobe University, School of Medicine
2002-2004  Assistant Professor at Division of Urology  Kobe University School of Medicine
2004-2007  Associate Professor at Division of Urology  Kobe University School of Medicine
2007-present  Professor at Department of Urology  Wakayama Medical University

Membership of learned societies:
The Japanese Urological Association (Boarding Member)
American Urological Association
Europaen Urological Association
Japanese Society of Endourology and ESWL (Boarding Member)
Japanese Association for Cancer Research
Japan Society for Clinical Oncology
Society for Fundamental Cancer Immunology
Japanese Society of Endourology

Coordinator/Chair

Noor Buchholz
U-merge London and SVMC Dubai, UAE

He was trained in Germany, Switzerland, Australia and Consultant Urologist in Pakistan, Netherlands, United Kingdom, and now Dubai.
He is a leading expert in minimally invasive urological surgery, stone treatment and permanent metal stenting of the urinary tract.
He was one of only 46 trainers worldwide recognised by the International Endourology Society (IES), and the first such recognised trainer in Europe by the European Board of Urology (EBU). He was awarded multiple grants and awards, is author on more than 300 original articles, is reviewer and editor for many journals, and member of many learned societies.
He sits on the board of eULIS-EAU and the Societe Internationale d’Urologie (SIU).
He founded U-merge (Urology in emerging countries) dedicated to urological education and training.
**S-01-1  Imaging before stone surgery**

Anthony Cf. Ng  
SH Ho Urology Centre, The Chinese University of Hong Kong, Hong Kong

Dr Anthony Ng graduated in the Chinese University of Hong Kong in 1993 and became an urologist in 2001. He then spent 1 year in Scotland, worked under Mr David Tolley, and gained extensive experience in stone management.

After completion of his training, Dr Ng decided to join the Chinese University of Hong Kong in 2006 and is currently Director and Professor of the S.H. Ho Urology Centre, CUHK. He has a wide range of interest, in particular in urolithiasis and prostate diseases. He was also honored with the Outstanding Young Urologist Award in 2010 by the Asian Congress of Urology, the International Guest Scholar 2012 of the American College of Surgeons and the World Chinese Urology Association Award 2014, as recognitions to his work in the field.

---

**S-01-2  Imaging after stone surgery what why when**

M Hammad Ather  
Aga Khan University, Pakistan

Dr. Hammad Ather is a consultant urologist, Professor and head of urology at the Aga Khan University. He is an editorial board member of many international urological journals, author of over 90 articles in international peer journals and 10 book chapters. He is also an adviser and reviewer for over 2-dozen international journals. Dr Ather was trained in Karachi and London and has many fellowship attachments in Europe at Erasmus University, Rotterdam, Katholieke Universiteit Leuven and University College London. He has served as the General secretary of Pakistan Association of Urological Surgeons (PAUS). He is international advisory board member of eulis (EAU) since 2011 and national representative of APSUO (UAA). He has special interest in urolithiasis, bladder and advanced prostate cancer, which is his major research interest as well.

---

**S-01-3  CT attenuation value of renal papilla: a novel predictor for stone recurrence**

Yasuo Kohjimoto  
Wakayama Medical University, Japan

1985-1991  M.D., Wakayama Medical University, Japan  
1991-1993  Resident in Urology, Wakayama Medical University Hospital, Japan  
1993-1997  Ph.D., Wakayama Medical University Graduate School of Medicine, Japan  
1998-1999  Postdoctoral Fellow in Physiology, University of Massachusetts Medical School  
1999-2001  Physician-in-Chief, Division of Urology, Kishiwada City Hospital, Japan  
2001-2004  Instructor of Urology, Wakayama Medical University, Japan  
2004-2010  Assistant Professor of Urology, Wakayama Medical University, Japan  
2010-present  Associate Professor of Urology, Wakayama Medical University, Japan
Symposium 2

S-02 Dietary habit and risk of urolithiasis

July 19 (Tue) 15:10-16:10
Room 1 (2F International Conference Room)

Coordinator/Chair

David S. Goldfarb
NYU School of Medicine, NYU Langone Medical Center, USA

Dr. Goldfarb is Professor of Medicine & Physiology at NYU School of Medicine, Clinical Chief of Nephrology at NYU Langone Medical Center, and Chief of Nephrology at the New York Harbor VA Medical Center. He trained in internal medicine and nephrology at the New York VA and NYU Langone Medical Center. He directs kidney stone prevention clinics at NYU and the New York VA. He is the principal investigator of the cystinuria component of the Rare Kidney Stone Consortium, funded by the NIDDK.
S-02-1  Use of urine chemistries to assess dietary habits

John R. Asplin
Litholink Corporation, USA/University of Chicago, USA

Dr John Asplin attended Emory University Medical School and did his Internal Medicine Residency at University of Cincinnati. After 3 years in the US Navy, he completed his nephrology fellowship at University of Chicago. He did his research and clinical training in the field of nephrolithiasis under the guidance of his mentor, Dr Fredric Coe. After finishing his fellowship, Dr Asplin joined the faculty at University of Chicago. In 1995, Dr Coe and Asplin helped found Litholink Corporation, a clinical laboratory focused on the care of kidney stone patients. Currently, Dr Asplin holds the positions of medical director of Litholink and clinical associate at University of Chicago. His research interests include cystinuria, metabolic evaluation of patient with urolithiasis, inhibitors of crystallization, and new therapeutics for kidney stone patients.

S-02-2  Evidence-based dietary recommendations for stone formers

Roswitha Siener
University Stone Centre, Department of Urology, University of Bonn, Germany

Prof. Dr. Roswitha Siener is a Professor in the Department of Urology at the University of Bonn, Germany, and Head of the University Stone Centre. Areas of her research are nearly all aspects of urinary stone disease, including epidemiology, pathophysiology, metabolism and nutrition. Prof. Siener has authored numerous peer-reviewed articles, book chapters and conference abstracts. She has received several scientific awards both nationally and internationally. Prof. Siener is Editorial board member of the Journal of Translational Medicine, Urolithiasis and Uro-News and board member of the European Association of Urology (EAU) section of urolithiasis (EULIS).

S-02-3  Prospects for dietary therapy of urolithiasis

David S. Goldfarb
NYU Langone Medical Center, USA
Symposium 3

S-03 Uric acid

July 19 (Tue)  16:10-17:10
Room 1 (2F International Conference Room)

Coordinator/Chair

Alberto Trinchieri
Urology Unit, Manzoni Hospital, Lecco, Italy

PERSONAL DETAILS
Biella, Italy, 8 April 1953

ACADEMIC QUALIFICATIONS
Fellow of the European Board of Urology (FEBU) (1992)
Specialization of Medical Nephrology (1986) and Urology (1981)
M.D.(1978)
Lecturer, Urology School, University of Milan (1985 - 2004)

PROFESSIONAL EXPERIENCE
2003-present: Director of the Urology Unit, Dpt Surgery, A. Manzoni Hospital, Lecco
1986-2002: Assistant Urologic Clinic of University of Milan, IRCCS Ospedale Maggiore di Milano

SOCIETIES AND CONGRESSES
Member of the Italian Society of Urology (1981-present) and of the European Society of Urology (1986-present)
Member of the Board of the Section of Urology of the European Association of Urology (eULIS) (2009-present) and of the Board of the International Society of Urolithiasis (2008-present)
Co-Chairmen and Chairman of the Congress of the European Society of Urolithiasis (Parma 1999 and Cernobbio 2009)

Coordinator/Chair

Khashayar Sakhaee
Department of Internal Medicine, Division of Mineral Metabolism, Charles and Jane Pak Center for Mineral Metabolism and Clinical Research, University of Texas Southwestern Medical Center, Dallas, USA

Dr. Sakhaee, Laura Kim Pak, Professor in Mineral Metabolism Research and Osteoporosis at the UT Southwestern Medical Center, Dallas TX, USA. He is Chief of Division of Mineral Metabolism. Dr. Sakhaee received his M.D. in Iran and Residency and Nephrology Fellowship at University Hospital of Cleveland, Ohio and UT Health Science Center at Dallas, TX, USA. He joined the faculty at UT Southwestern Medical School in 1982 and promoted to Professor in 1993. Dr. Sakhaee research interests are related to clinical investigations underlying pathophysiological mechanisms of kidney stone formation. His publications, which number over 160, speak to active original investigative initiatives, as well as his demand as an author of many references in the field of Urolithiasis.
S-03-1  Epidemiology of uric acid nephrolithiasis

Alberto Trinchieri
Urology Unit Manzoni Hospital Lecco, Italy

S-03-2  Recent advances in pathophysiology of uric acid nephrolithiasis (UA)

Khashayar Sakhaee
University of Texas Southwestern Medical Center, USA

S-03-3  Uric acid urolithiasis as a feature of the metabolic syndrome: a multi-hit model

Orson Moe
UT Southwestern Medical Center, USA

Orson Moe received his medical degree from the University of Toronto and is Professor of Internal Medicine and Physiology, Director of the Pak Center of Mineral Metabolism and Clinical Research, and Chief of the Nephrology Division at the University of Texas Southwestern Medical Center, USA. Moe holds the Charles and Jane Pak Distinguished Chair in Mineral Metabolism Research and the Donald Seldin Professorship in Clinical Investigation. Moe conducts both basic science and patient-oriented research on renal physiology and metabolism, and epithelial biology. He is the editor of Current Opinion in Nephrology and Hypertension, and the textbook Seldin and Giebiesch’s The Kidney: Physiology and Pathophysiology. He is currently a member of the American Society of Clinical Research, American Association of Physicians, American Society of Nephrology, and American Physiologic Society.
Symposium 4

S-04 Ureteroscopy (URS)  
July 20 (Wed) 11:10-12:10  
Room 1 (2F International Conference Room)

Coordinator/Chair

Kemal Sarica  
Department of Urology, Dr. Lutfi KIRDAR Research and Training Hospital, Turkey

Graduated Faculty & Year: University of Ankara, Medical School, 1981  
Place & Date of Professorship: University of Gaziantep, Medical School, Dept. of Urology, 2003

Professional Publications (215)  
Number of Books/Book Chapters: 9

Memberships in Associations
  • American Urological Association (AUA)  
  • European Urological Association (EAU)  
  • Endourological Society  
  • Eurolithiasis Society (EULIS)

International positions in Associations
  • Chairman : EAU Section of Eurolithiasis (EULIS)  
  • Member, Urolithiasis Guidelines Committee (EAU)  
  • Member, International Urolithiasis Society board (IUS)  
  • Co-chairman International Alliance of Urolithiasis (IAU)

Member (Editorial board, International journals)  
Urological Research (Member, editorial board)  
Archiv.Italian.Urol.Androl (Member, editorial board)

Coordinator

Takashi Arakawa  
International University of Health and Welfare Mita Hospital, Japan

1979 Graduated from Kitasato University School of Medicine.  
1988 to 2002 Chief, Division of Urology, Urolithiasis Lithotripsy Center of Sagamidai Hospital.  
2005 Associated Professor, Kitasato University Hospital.  
2006 Professor, International University of Welfare & Health Mita Hospital.
Chair

Petrisor Geavlete
Saint John Emergency Clinical Hospital, Romania

Academician (Corresponding Member) – Romanian Academy of Medical Sciences

Professor of Urology, MD, PhD (“magna cum laude”), first degree Romanian specialist in Urology, Chief of Clinical Department, “Saint John” Emergency Clinical Hospital, Bucharest, Romania, Vice-President of the Romanian Association of Urology. Member/Board member in 15 International Urological Societies: Full Member – European Association of Urology; EAU Officer (Clinical Research Office 2002-2004); Board member – EAU Video Committee (2005-2013), Board member – European Society of Imaging in Urology (ESUI); Full Member – Société Internationale d’Urologie – Romanian representative (Deputy Delegate); Correspondent Membership – American Association of Urology; International Member – British Association of Urological Surgeons; Membre étranger – Association Française d’Urologie; Full Member – Endourological Society; Associate Member – EAU Section of Urolithiasis (EULIS); Board of Directory Member – Société Internationale d’Urologie (2015-2016).

Member in the Board of Doctorate School (PhD leadership former) – “Carol Davila” University of Medicine, Bucharest.

Author or co-author in over 1,100 papers published in journals, national and international congresses or meetings, abstract books of the most important urological publications and congresses in the world.

Over presented 300 videos (first author or co-author) and published 22 books (author, co-author or Editor).

Faculty in over 250 meetings during International Congresses.

Reviewer for the most international publications and urological meetings.

35 national and international distinctions.

Granted with “Health High Order” (“Commander” grade) offered by Romanian President in 2004.
S-04-1 Management of ureteral stones with semirigid ureteroscopy: tips and tricks for a successful and complication free procedure

Sven Lahme
Center for minimally-invasive Therapy - robotic-assisted Surgery
Siloah St. Trudpert Hospital Pforzheim, Germany

Professor Sven Lahme, MD, is Head of Department of Urology, Siloah St. Trudpert Hospital, Pforzheim, Germany since 2004. His scientific education was done at the Department of Urology, University Hospital of Tübingen, Germany from 1993 to 2004. His main field is minimally invasive therapy, particularly endourology. In 2001 he introduced the Mini-PCNL technique in adults and presented the first specially designed nephroscope for Mini-PCNL. Today the Mini-PCNL technique is the treatment of choice in percutaneous stone removal. He is also strongly involved in flexible ureterorenoscopy and the development of new disposables in endourology. A few years ago the smallest tipless basket on the market (1.2F) had been introduced. Mini PCNL as well as flexible URS are frequently presented by live surgery at national and international meetings.

S-04-2 Management of renal stones with flexible ureteroscopy: tips and tricks for a successful and complication free procedure

Petrisor Geavlete
Saint John Emergency Clinical Hospital, Romania

S-04-3 Robotic assisted flexible ureterorenoscopic (Robotic fURS) management of renal calculi

Kemal Sarica
Department of Urology, Dr. Lutfi KIRDAR Research and Training Hospital, Turkey
S-05  Percutaneous nephrolithotomy (PNL)

July 20 (Wed)  15:20-16:20
Room 1 (2F International Conference Room)

Coordinator/Chair

Madhu S. Agrawal
Global Rainbow Healthcare, India

QUALIFICATIONS:
• MBBS 1979. University topper with Honors and Gold Medals, ‘Best Student’.
• MS (Surgery) 1983, MCh (Urology) 1989.
• Obtained premature retirement as Professor from SN Medical College, Agra 2009.
• Presently Head, Department of Urology, Global Rainbow Healthcare, Agra, India.

HIGHLIGHTS:
• >100 publications in National & International Journals, text book chapters.
• >200 guest lectures, >200 papers presented in National & International conferences with many Best Paper awards.
• Reviewer for National & International Journals, including: BJUI, J Endourology, Urology, IJU, IJMR.
• One of the pioneers in Endourology in India, conducted >80 live workshops at National and International level.
• Received President’s Gold Medal 2015-16 of Urological Society of India.
**S-05-1**  How to get the right access in PCNL and Endoscopic combined intrarenal surgery

Junichi Matsuzaki  
Ohguchi Higashi General Hospital, Japan

**EDUCATION:**  
M.D., Yokohama City University Medical School, March 1989  
Ph.D., Yokohama City University Medical School, March 1999

**EXPERIENCE:**  
Urological Chief in Department of Urology Ohguchi Higashi General Hospital since 2002.  
Deputy director in Ohguchi Higashi General Hospital since 2015.

**PROFESSIONAL AFFILIATION:**  
A member of Japanese Urological Association since 1991.  
A member of Japanese Cancer Association since 1991.  
A member of American Urological Association since 2011.  
A councilor of Japanese Society on urolithiasis Research since 2014  
A councilor of Japanese Society of Endourology since 2014  
Japanese Board Certified Instructor since 2000

**S-05-2**  Minimally-invasive PNL

Madhu S. Agrawal  
Global Rainbow Healthcare, Agra, India

**S-05-3**  MIP vs flexible Ureteroscopy: what is the evidence

Madhu S. Agrawal  
Global Rainbow Healthcare, Agra, India
Symposium 6

S-06 Stone recurrence

July 20 (Wed) 16:20-17:20
Room 1 (2F International Conference Room)

Coordinator/Chair

José M. Reis Santos
Uroclínica - Centro Clínico de Urologia, Lda., Portugal

CURRICULUM VITAE
José Manuel Reis Santos. Born in Portugal on 28-02-46
Hospital & Academic Career
• 1971 Graduation in Medicine, Lisbon University
• 1976 Founding Member and clinical director of Uroclínica, Lisbon
• 1979 Consultant Urologic Surgeon
• 1979 - 2002 Assistant Professor Urology, Lisbon New University
• 1986 Founding Member, Institute of Urology renamed in 2002, British Hospital Lisbon XXI
• 1988 Head of Department of Urology HCL Lisbon
• 1992 Fellow of the European Board of Urology (FEBU)
• 2002 - 2014 Professor of Bio-Engineering, Portuguese Catholic University
• Invited Professor, centres in EU, USA, Canada, Brazil etc.
• Author of various publications and book chapters
• One of the founders and Full member of eULIS board
• EAU, AUA, BAUS, APU, etc.society member
• Principal investigator in 29 clinical trials (Phase II-IV) and peer reviewer for various urologic journals
Kemal Sarica
Department of Urology, Dr. Lutfi KIRDAR Research and Training Hospital, Turkey

Graduated Faculty & Year: University of Ankara, Medical School, 1981
Place & Date of Professorship: University of Gaziantep, Medical School, Dept. of Urology, 2003

Professional Publications (215)
Number of Books/Book Chapters: 9

Memberships in Associations
• American Urological Association (AUA)
• European Urological Association (EAU)
• Endourological Society
• Eurolithiasis Society (EULIS)

International positions in Associations
• Chairman: EAU Section of Eurolithiasis (EULIS)
• Member, Urolithiasis Guidelines Committee (EAU)
• Member, International Urolithiasis Society board (IUS)
• Co-chairman International Alliance of Urolithiasis (IAU)

Member (Editorial board, International journals)
Urological Research (Member, editorial board)
Archiv.Italian.Urol.Androl (Member, editorial board)
S-06-1  Reasons for failure of recurrence prevention

Bernhard Hess
Internal Medicine and Nephrology, Kidney Stone Center Zurich, Klinik Im Park, Zurich, Switzerland

1972-1978 : Medical School Zurich.
1980 : M.D. degree, Faculty of Medicine, Zurich.

1980-1981 Pathology, Liestal/Basle
1981-1989 Internal Medicine and Nephrology in Zurich and Chicago

1989-1999: Chief-Resident and Chief ai of General Internal Medicine, University Hospital Berne
1994 Associate Professor Nephrology, University of Berne
1999-2005: Chief of Internal Medicine, Hospital Zimmerberg, Waedenswil/Zurich
2002 Associate Professor Internal Medicine, University of Zurich

7/2005- : Internal Medicine and Nephrology, Hirslanden Klinik Im Park Zurich and Paracelsus Hospital Richterswil/Zurich, Switzerland
Founder/Chief of Kidney Stone Center Zurich

Nationally/internationally 700 lectures/workshops.
More than 150 scientific papers/reviews/book chapters.
Grant recipient for research on idiopathic calcium nephrolithiasis

Member of Editorial Board of Urolithiasis, regular reviewer for nephrology and urology journals worldwide

Honorary Member of Swiss Society of Urology, former executive member of eULIS (Eurolithiasis Society, part of EAU)
S-06-2  How to prevent renal stone disease recurrence: a review from my practice

Wen Zhong
Department of Urology, The First Affiliated Hospital of Guangzhou Medical University, Guangzhou, China

As an associate professor in the Guangzhou Medical University, youth committee of International Alliance of Urolithiasis (IAU). Major in Endourology, and skilled in urinary tract stone management, such as percutaneous nephrolithotomy, flexible/rigid ureteroscopy, especially good at Chinese mini-PCNL and super mini-PCNL.

S-06-3  Can endoscopic study of the papilla with new tools help fight recurrence?

James C. Williams
Indiana University School of Medicine, USA

James Williams is Professor of Anatomy and Cell Biology at the Indiana University School of Medicine in Indianapolis, USA, and Adjunct Professor of Urology, University of Southern Denmark, in Odense. His primary area of research is in understanding urinary stone diseases. Recent studies have revealed that some calcium oxalate stone formers produce stones solely on Randall’s plaque (interstitial, white plaque), while others also produce plugging of collecting ducts in the renal papilla. Visualization of these distinct mechanisms (interstitial plaque formation versus ductal plugging) has required study of the structure of the tiny stones that were found growing on the renal papillae in patients. This characterization of these stones has been possible only because of the development of micro-computed tomographic (micro CT) imaging of stones, work begun in Prof. Williams’ laboratory.
S-07 Oxalate

July 21 (Thu) 10:10-11:10
Room 1 (2F International Conference Room)

Coordinator/Chair

Ross Holmes
University of Alabama at Birmingham, USA

Ross Holmes is a Professor in the Department of Urology at the University of Alabama at Birmingham. He has studied kidney stone disease for over 25 years with a focus on the contributions of dietary oxalate and the endogenous synthesis of oxalate to urinary oxalate excretion. An active area of research is identifying strategies that will reduce these contributions. Approaches include dietary modifications and siRNA therapies to decrease hepatic oxalate production.

Coordinator/Chair

Dawn S. Milliner
Mayo Clinic, Division of Nephrology, Mayo Clinic Hyperoxaluria Center, Rare Kidney Stone Consortium, USA

Dawn Milliner, M.D. received internal medicine and nephrology training at Mayo Clinic and pediatric nephrology at Children’s Hospital of Los Angeles. She is a member of the Division of Nephrology, Department of Internal Medicine, and the Division of Pediatric Nephrology, Department of Pediatrics at the Mayo Clinic College of Medicine.

Dr. Milliner conducts research in pediatric stone disease, oxalate, and inherited forms of nephrolithiasis. She chaired the Seventh International Workshop on Primary Hyperoxaluria, served as chair of the Scientific Advisory Board of the Oxlasis and Hyperoxaluria Foundation and is past president of the Research on Calculus Kinetics Society. Dr. Milliner is medical director for the Mayo Clinic Hyperoxaluria Center, established by the Oxlasis and Hyperoxaluria Foundation and is principal investigator for the Rare Kidney Stone Consortium, funded by the NIH.
S-07-1  Endogenous and dietary sources of oxalate

Ross P. Holmes
University of Alabama at Birmingham, USA

S-07-2  Stone disease: idiopathic and secondary hyperoxaluria

Roswitha Siener
University Stone Centre, Department of Urology, University of Bonn, Germany

Prof. Dr. Roswitha Siener is a Professor in the Department of Urology at the University of Bonn, Germany, and Head of the University Stone Centre. Areas of her research are nearly all aspects of urinary stone disease, including epidemiology, pathophysiology, metabolism and nutrition. Prof. Siener has authored numerous peer-reviewed articles, book chapters and conference abstracts. She has received several scientific awards both nationally and internationally. Prof. Siener is Editorial board member of the Journal of Translational Medicine, Urolithiasis and Uro-News and board member of the European Association of Urology (EAU) section of urolithiasis (EULIS).

S-07-3  Kidney disease: primary and enteric hyperoxaluria

Dawn S. Milliner
Mayo Clinic, Division of Nephrology, Mayo Clinic Hyperoxaluria Center, Rare Kidney Stone Consortium, USA
Symposium 8

S-08  Inflammation and formation of kidney stone

July 21 (Thu)  11:10-12:10
Room 1 (2F International Conference Room)

Coordinator/Chair

Saeed R. Khan
Department of Pathology, Department of Urology, College of Medicine, University of Florida, USA

Saeed R Khan is Finlayson Professor of Urological Research in the Department of Urology, University of Florida and Director of their Training Program in Benign Urology Research. He is Associate Editor of Urolithiasis. Dr. Khan investigates all aspects of stone disease using experimental models as well as clinical specimens. His research has been supported by US National Institutes of Health. He has mentored over thirty graduate students and twenty post-doctoral fellows, authored more than four hundred publications including refereed articles in peer reviewed journals, book chapters, editorials, review articles and numerous abstracts. He has also edited a book, Oxalate in Biological Systems as well as Proceedings of the International Symposia. He has participated in numerous national and international meetings, giving more than seventy invited lectures and keynote addresses.

Coordinator/Chair

Takahiro Yasui
Department of Nephro-urology, Nagoya City University Graduate School of Medical Sciences, Japan

Education:
M.D. in 1994, Ph.D. in 2000 from the Nagoya City University Graduate School of Medical Sciences.

Current Position:
2015 Professor, Department of Nephro-urology, Nagoya City University Graduate School of Medical Sciences

Professional memberships:

Awards:
S-08-1 Gene expression signature of human renal epithelial cells involved in oxalate-induced inflammation

Hari K. Koul
Department of Biochemistry and Molecular Biology, LSU Health Sciences Center
Shreveport, LA and Shreveport, USA/Overton Brooks Veterans Administrative Medical Center, Shreveport, LA and Shreveport, USA/Feist Weiller Cancer Center, LSU Health Sciences Center Shreveport, LA and Shreveport, USA

Dr. Hari K. Koul is the Carroll W. Feist Endowed Chair and Professor and Chairman of the Department of Biochemistry and Molecular Biology, LSUHSC, Shreveport, LA-USA. Dr. Koul is recognized as a basic-translational researcher in Urologic diseases. Of pertinent interest to Urolithiasis, Dr. Koul pioneered the field of oxalate nephrotoxicity and these studies have been funded by NIH since 1996 with a focus on evaluating the molecular signaling pathways associated with oxalate nephrotoxicity. Dr. Koul provided the first direct demonstration of toxic effects of oxalate to the renal epithelial cells, which led to a paradigm shift in our thinking as oxalate was considered as an inert metabolic end product. Over the years’ major focus of Dr. Koul’s research has been understanding the molecular mechanisms of oxalate renal cell interactions.

S-08-2 Intrarenal inflammation and presence of inflammatory proteins in urine and stone matrix of urolithiasis patients: do these evidences give us a clue of how inflammation mediates the formation of urinary stones?

Chanchai Boonla
Department of Biochemistry, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand

I graduated B.Sc. in Medical Technology in 1999 and Ph.D. in Medical Biochemistry in 2004 from Khon Kaen University, Thailand. During my doctoral study, I trained research abroad at School of Biological Science, University of Manchester, UK in 2002, and at Department of Biochemistry and Biophysics, University of North Carolina at Chapel Hill, USA in 2003. I did my postdoctoral research (Humboldt Fellowship) at University of Freiburg, Germany in 2008. Now I am working as Assistant Professor at Department of Biochemistry, Faculty of Medicine, Chulalongkorn University, Bangkok Thailand. My research is focusing on urolithiasis and bladder cancer, especially in the aspects of how oxidative stress or reactive oxygen species (ROS) modifies epigenetic patterns during the pathogenesis and progression of urolithiasis and bladder cancer.
S-08-3  Macrophage-derived cytokines and chemokines may be new markers for calcium oxalate stone formation risk in humans

Atsushi Okada
Department of Nephro-urology, Nagoya City University Graduate School of Medical Sciences, Japan

Atsushi Okada, MD, PhD is Associate Professor of Department of Nephro-urology, Nagoya City University Graduate School of Medical Sciences, Nagoya, Japan. He graduated from Nagoya City University, Medical School (Nagoya, Japan) in 1998 and Graduate School of Medical Sciences, Nagoya City University (Nagoya, Japan) in 2008. He works at the university hospital and educates the next generation as a proctor of robot-assisted operation, laparoscopic surgery, ESWL, URS and PNL. In 2000, he started a research on kidney stone formation using experimental animals and developed the first experimental kidney stone model mice. And, he determined suppressive roles of anti-inflammatory macrophages for kidney stone formation by crystal phagocytosis and processing. His current interests focus on the risk diagnosis and molecular-targeted therapy for kidney stones based on the mechanisms of stone formation.
Symposium 9

S-09    Growth-inhibition of urolithiasis

July 21 (Thu)   13:30-14:30
Room 1 (2F International Conference Room)

Coordinator/Chair

Neil S. Mandel
Medical College of Wisconsin, Zablocki VA Medical Center, USA

I obtained my PhD in Chemistry in 1971 from the University of Pennsylvania, was a postdoctoral fellow in x-ray crystallography from 1972-1974 at the California Institute of Technology and was a Research faculty member at Caltech from 1974-1977. I was appointed an Assistant Professor of Medicine and Orthopedic Surgery at the Medical College of Wisconsin in 1978 and was appointed Professor of Medicine, Biophysics, and Biochemistry a few years later. I initiated and chaired the Biophysics Graduate Program at MCW for many years. I was appointed the Associate Chief of Staff for Research at the affiliated VA Medical Center as well as the Associate Dean for Research for 24 years. My interest in urolithiasis started upon my arrival at MCW and has continued now for more than 35 years.

Coordinator/Chair

Jeffrey A. Wesson
Department of Veterans Affairs, USA/Medical College of Wisconsin, USA

Jeffrey A. Wesson was born in 1954 in Rockford, Illinois, USA. He received his PhD in polymer physical chemistry from the University of Wisconsin-Madison in 1983, and he worked as a chemist at the Eastman Kodak Company Research Laboratories in Rochester, New York for 9 years on various problems in polymer characterization, particularly gelation behavior, before starting his career in medicine. He received his MD from the Medical College of Wisconsin, Milwaukee, Wisconsin in 1994. Following Internal Medicine residency and Nephrology fellowship there, he joined the faculty at the Medical College of Wisconsin in 1999, where he is now a full professor. His medical research career began during residency and has focused on the influence of urinary proteins and polymers on calcium oxalate crystallization and stone formation.
**S-09-1** The inhibitor/promoter paradox in kidney stone disease: contributions of proteins and other macromolecules to calcium oxalate crystallization

Jeffrey A. Wesson  
Department of Veterans Affairs, USA/Medical College of Wisconsin, USA

**S-09-2** The role of osteopontin in stone formation

Takahiro Yasui  
Department of Nephro-urology, Nagoya City University Graduate School of Medical Sciences, Japan

Education:  
M.D. in 1994, Ph.D. in 2000 from the Nagoya City University Graduate School of Medical Sciences.  
Current Position:  
2015 Professor, Department of Nephro-urology, Nagoya City University Graduate School of Medical Sciences  
Professional memberships:  
Awards:  
**S-09-3**  Inhibitors of urinary crystallisation processes: what are they and are they clinically important in urolithiasis?

**Allen L. Rodgers**  
University of Cape Town, South Africa

Allen Rodgers MSc, PhD is currently Emeritus Professor & Senior Research Scholar at the University of Cape Town, South Africa, a position which he has held since January 2012. Prior to this he was Professor and Head of the Department of Chemistry for 11 years. He is a Lifetime Fellow of the University of Cape Town and a Fellow of the Royal Society of South Africa. His research focus for the past 35 years has been the physicochemical aspects of calcium kidney-stone disease, a field in which he has published over 150 articles in peer-reviewed papers, conference proceedings and abstracts. He has trained 15 PhD and 12 MSc students. He is an Associate Editor of Urolithiasis and has served on the advisory boards of many international conferences on Urolithiasis.
Symposium 10

S-10  Life style-related risk and quality of life in stone formers

July 21 (Thu)  15:40-16:40
Room 1 (2F International Conference Room)

Coordinator/Chair

Giovanni Gambaro
Fondazione Policlinico A. Gemelli, Catholic University, Rome, Italy

GAMBARO GIOVANNI, MD, PhD.
Graduated in Padova, Italy, cum laude.
Specialist in Internal Medicine and Nephrology
PhD in Experimental Medicine/Nephrourological sciences
Past professional experience: Germany, UK.
Formerly Consultant, Academic Hospital, Padova; Associate Professor, Nephrology, Academic Hospital, Verona, Italy.
Full Professor of Nephrology, Academic Hospital, Catholic University, Roma, Italy
Director of Division of Nephrology; Policlinico A. Gemelli Academic Hospital, Roma, Italy
Director of the Postgraduate School of Nephrology, Catholic University, Roma, Italy.
H-index 31
Member of the scientific board of the EULIS and delegate in the board of ERA EDTA
Editor in chief of the Journal of Nephrology (official journal of the Italian Society of Nephrology)
S-10-1  Life style-related risk and quality of life in stone formers

Cancelled

S-10-2  Chronic renal pain in medullary sponge kidney (MSK)

Giovanni Gambaro
Division of Nephrology, Fondazione Policlinico A. Gemelli, Catholic University, Rome, Italy

S-10-3  Lifestyle factors and risk of urolithiasis

Pietro Manuel Ferraro
Division of Nephrology, Fondazione Policlinico A. Gemelli, Catholic University, Italy

Dr. Ferraro received his M.D. at the Catholic University of the Sacred Heart in Rome, and specialized in Nephrology at the Tor Vergata University. He pursued a M.Sc. in Epidemiology at the Harvard School of Public Health in Boston, and a Ph.D. in Endocrine Sciences at the Catholic University of the Sacred Heart, where he is currently working as Teaching Assistant.
Oral Session 1
Diagnosis and economics of urolithiasis

July 19 (Tue) 10:00-10:48
Room 1 (2F International Conference Room)

Chairs: Fazil Y. Marickar
(Mount Zion Medical College, India)
Takuo Koide
(Daito Central Hospital, Japan)

O-01
Symptoms and biochemical status
Fazil Y. Marickar
Mount Zion Medical College, India

O-02
Is it possible to identify urinary stones in a doctor’s office?
Paul Eapen
University of Kentucky, USA

O-03
Effects of seasonal changes in ureterolithiasis morbidity on the diagnostic relevance in emergency clinical practice
Hiroki Fukuhara
Nihonkai General Hospital, Japan

O-04
Economics of stone metaphylaxis in the diagnosis related groups (DRG) calculation system in Germany
Walter L. Strohmaier
Klinikum Coburg, Germany

Oral Session 2
Randall’s plaques and hypercalciuria

July 19 (Tue) 13:20-14:20
Room 1 (2F International Conference Room)

Chairs: John C. Lieske
(Mayo Clinic, Rochester, USA)
Makoto Morozumi
(Department of Urology, Saitama Medical Center, Saitama Medical University, Japan)

O-05
Upregulation of osteogenic pathways in a rat model of calcium oxalate nephrolithiasis
Saeed R. Khan
Department of Pathology, Department of Urology, College of Medicine, University of Florida, USA

O-06
Topography, composition and structure of incipient Randall’s plaque at the nanoscale level
Emmanuel Letavernier
Université Pierre et Marie Curie-Paris VI Sorbonne Universités, France

Oral Session 3
Uric acid stones and others

July 20 (Wed) 9:10-9:58
Room 2 (2F 201)

Chairs: Naim M. Maalouf
(University of Texas Southwestern Medical Center, USA)
Kiyoko Kaneko
(Faculty of Pharma Sciences, Teikyo University, Japan)

O-10
Role of serum uric acid in metabolic changes in calculogenesis
Fazil Y. Marickar
Mount Zion Medical College, India

O-11
Higher blood glucose is associated with higher urine citrate excretion
John C. Lieske
Mayo Clinic, Rochester, USA
O-12
Association between urine calcium excretion and bone mineral density in calcium stone formers
Naim M. Maalouf
University of Texas Southwestern Medical Center, USA

O-13
Patients' compliance in the prevention of uric acid urolithiasis
Walter L. Strohmaier
Klinikum Coburg, Germany

Oral Session 4
Pathogenesis of stones

O-14
Synergistic role of calcium and vitamin D in a murine model of kidney stone disease
Emmanuel Letavernier
Université Pierre et Marie Curie-Paris VI Sorbonne Universités, France

O-15
NLRP3 inflammasomes are activated in oxalate nephropathy
Saeed R. Khan
Department of Pathology, Department of Urology, College of Medicine, University of Florida, USA

O-16
Urinary biomarkers for renal damage in primary hyperoxaluria
Xiangling Wang
Mayo Clinic, USA

O-17
Selective protein enrichment in calcium oxalate stone matrix
Jeffrey A. Wesson
Department of Veterans Affairs, USA/Medical College of Wisconsin, USA

O-18
Type of stone disease and metabolic derangement
Fazil Y. Marickar
Mount Zion Medical College, India

Oral Session 5
Epidemiology and nutrition

July 20 (Wed) 11:10-12:10
Room 2 (2F 201)

O-19
Demography and symptoms
Fazil Y. Marickar
Mount Zion Medical College, India

O-20
Are there seasonal variations of renal colics in calcium oxalate stone formers in Germany?
Walter L. Strohmaier
Klinikum Coburg, Germany

O-21
Impact of kidney stones and conventional risk factors on the incidence of chronic kidney disease according to 2 sets of diagnostic criteria in Japanese men
Ryosuke Ando
Department of Nephro-urology, Nagoya City University Graduate School of Medical Sciences, Japan

O-22
Comparison of food intake assessed by food dairy and PRODI.6 analysis with 24 h urine excretion in Swiss kidney stone formers
Olivier Bonny
University of Lausanne, Switzerland/University Hospital Lausanne, Switzerland

O-23
Swiss Kidney Stone Cohort: a prospective cohort of Swiss stone formers
Olivier Bonny
University of Lausanne, Switzerland/University Hospital Lausanne, Switzerland
**Oral Session 6**

**Medical management of urolithiasis**

July 20 (Wed) 13:30-14:30
Room 2 (2F 201)

Chairs: Satoshi Yamaguchi  
(Department of Urology, Kitasaito Hospital, Japan)  
Taro Iguchi  
(Department of Urology, Osaka City University Graduate School of Medicine, Japan)

**O-24**  
Protective role of bergenin in ameliorating mitochondrial dysfunction associated with CaOx induced hyperoxaluria  
Deepika Aggarwal  
Department of Biochemistry, South Campus, Panjab University Chandigarh, India

**O-25**  
Medical management of calcium phosphate stone formers- impact of potassium citrate vs citric acid  
Naim M. Maalouf  
University of Texas Southwestern Medical Center, USA

**O-26**  
Renal stone clinic: how well do patients perceive physician’s explanations and recommendations?  
Bernhard Hess  
Internal Medicine and Nephrology, Kidney Stone Center Zurich, Klinik Im Park, Zurich, Switzerland

**O-27**  
The change of renal function after treatment with shock wave lithotripsy for urolithiasis; long-term follow-up  
Taro Iguchi  
Department of Urology, Osaka City University Graduate School of Medicine, Japan

**O-28**  
Role of alpha adrenergic blockers in uretric stones  
Fazil Y. Marickar  
Mount Zion Medical College, India

---

**Oral Session 7**

**ESWL and endourology**

July 20 (Wed) 14:30-15:18
Room 2 (2F 201)

Chairs: Bodo E. Knudsen  
(The Ohio State University Wexner Medical Center, USA)  
Takashi Arakawa  
(International University of Health and Welfare Mita Hospital, Japan)

**O-29**  
Ureteral stones at Funabashi Clinic: a study of 777 cases based on stone composition  
Mika Kino  
Funabashi Clinic, Japan

**O-30**  
Computational simulation of endoscopic stone surgery: extra- and intra-three-dimensional fly through imaging in upper urinary tract  
Yasushi Yoshino  
Department of Urology, Nagoya University Graduate School of Medicine, Japan

**O-31**  
Investigation of the ideal position for percutaneous nephrolithotomy: prone position vs. modified Valdivia position  
Shuzo Hamamoto  
Nagoya City University Graduate School of Medical Sciences, Japan/SMART Study group, Japan

**O-32**  
Dusting vs basketing during ureteroscopic lithotripsy: what is more efficacious? A multi-center prospective trial from the EDGE research consortium  
Bodo E. Knudsen  
The Ohio State University Wexner Medical Center, USA
Oral Session 8
Metabolic factors and urinary substances

July 20 (Wed) 15:30-16:18
Room 2 (2F 201)

Chairs: Saidakhror S. Kariev
(Tashkent State Institute of Postgraduate Medical Education, Uzbekistan)
Yasuo Kohjimoto
(Wakayama Medical University, Japan)

O-33
The urinary kidney stone promoters and inhibitors in various categories of calcium urolithiasis
Saidakhror S. Kariev
Tashkent State Institute of Postgraduate Medical Education, Uzbekistan

O-34
Hyaluronan is an accidental risk factor for recurrent calcium oxalate stone formers
Mayur Danny I Gohel
Tung Wah College, Hong Kong

O-35
Plasma oxalate can be interpreted in relation to GFR to detect the likelihood of primary hyperoxaluria, enteric hyperoxaluria and common urinary stone disease
John C. Lieske
Mayo Clinic, Rochester, USA

O-36
Relevance of urine calcium and metabolism of urinary stone
Fazil Y. Marickar
Mount Zion Medical College, India

Oral Session 9
Urolithiasis in pediatrics and pregnant woman

July 22 (Fri) 10:00-10:48
Room 1 (2F International Conference Room)

Chairs: Mayur Danny I Gohel
(Tung Wah College, Hong Kong)
Soichi Mugiya
(Suzukake Central Hospital, Japan)

O-37
Renal histopathological features of dent disease, a rare but important cause of calcium stones to recognize
Xiangling Wang
Mayo Clinic, USA

O-38
Challenges faced in detecting silent renal stones: lessons learnt from the melamine incident of paediatric stones
Mayur Danny I Gohel
Tung Wah College, Hong Kong

O-39
Management of renal stones in older children with SWL: does general anesthesia have any impact on treatment outcomes?
Murat Tuncer
Department of Urology, Dr. Lutfi Kirdar Kartal Training and Research Hospital, Turkey

O-40
Ureteroscopic management for ureteral stone in pregnancy using ultrasound without fluoroscopic monitoring
Soichi Mugiya
Suzukake Central Hospital, Japan
Moderated Poster

Moderated Poster 1

Pathogenesis of stones

July 21 (Thu) 16:50-17:20
Convention Hall A (2F)

Chair: Tatsuya Takayama
(Jichi Medical University, Japan)

MP-01
Do stone disease and related parameters have any effect on the physical as well as renal growth of children: results of a long-term follow-up evaluation
Cahit Sahin
Departments of Urology and Pediatrics, Dr. Lutfi Kirdar Kartal Research and Training Hospital, Istanbul, Turkey

MP-02
Suppression of cellular damage during acute stage of CaOx crystal formation by renal tubular cell autophagy
Rei Unno
Nagoya City University Graduate School of Medical Sciences, Japan

MP-03
Molecular analysis of the glyoxylate/hydroxypyruvate reductase (GRHPR) gene in Japanese patients with primary hyperoxaluria type 2
Tatsuya Takayama
Jichi Medical University, Japan

MP-04
Nnt gene suppresses kidney stone formation and oxidative stress
Masayuki Usami
Nagoya City University Graduate School of Medical Sciences, Japan/Sakura General Hospital, Japan

MP-05
Genome wide gene expression profiling of Randall plaques in calcium oxalate stone formers
Kazumi Taguchi
Department of Nephro-urology, Nagoya City University Graduate School of Medical Sciences, Japan/Department of Urology, University of California, San Francisco, USA

Moderated Poster 2

Metabolic factors

July 21 (Thu) 17:26-17:50
Convention Hall A (2F)

Chair: Mika Kino
(Funabashi Clinic, Japan)

MP-06
Effects of atherosclerosis-related factors on renal crystal formation in a mouse model of metabolic syndrome
Yasuhiro Fujii
Nagoya City University Graduate School of Medical Sciences, Japan

MP-07
Uric acid stone components is potential risk factor for renal function deterioration
Toshikazu Tanaka
Department of Urology Hirosaki University School of Medicine, Hirosaki, Japan

MP-08
Metabolic syndrome increases the risk for calcium oxalate stone formation: results from a Nationwide Survey on Urolithiasis in Japan
Akinori Iba
Wakayama Medical University, Japan

MP-09
Hypocitraturia is much more important than hypercalciuria
Katharina Hauner
Department of Urology, Rechts der Isar Medical Center, Munich, Germany

Moderated Poster 3

Inflammation and others

July 21 (Thu) 16:50-17:20
Convention Hall A (2F)

Chair: Masaaki Fujimura
(Department of Urology, Chibaken Saiseikai Narashino Hospital, Japan)

MP-10
Oxidative stress, inflammation and sialic acid content in renal tubular cells exposed to urine from nephrolithiasis patients and healthy individuals
Chanchai Boonla
Chulalongkorn University, Thailand/Department of Biochemistry, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand
MP-11
Neutrophil gelatinase-associated lipocalin (NGAL) as a biomarker of renal injury in patients with ureteric stones
Marco Bolgeri
University College London Hospital, UK/Darent Valley Hospital, UK

MP-12
Comparison of stone culture using two different sampling methods (wet and dry)
Marco Bolgeri
University College London Hospital, UK

MP-13
Impact on ureteral stones into the ureteral wall: is it possible to predict
Cahit Sahin
Departments of Urology and Pediatrics, Dr. Lutfi Kirdar Kartal Research and Training Hospital, Istanbul, Turkey

MP-14
Medical expulsive therapy following SWL in ureteral calculi: an effective approach for the improvement of health-related quality of life
Cahit Sahin
Departments of Urology and Pediatrics, Dr. Lutfi Kirdar Kartal Research and Training Hospital, Istanbul, Turkey

Moderated Poster 4
Diagnosis and medical management of urolithiasis

July 21 (Thu) 17:26-17:56
Convention Hall A (2F)

Chair: Yasunori Itoh
(Nagoya City University Graduate School of Medical Sciences, Japan)

MP-15
Precise identification of crystal deposits in the kidney tissue
Vincent Frochot
Assistance Publique - Hôpitaux de Paris, France

MP-16
FTIR microspectroscopy is a major diagnostic tool for 2,8-dihydroxyadenine nephropathy
Vincent Frochot
Assistance Publique - Hôpitaux de Paris, France

MP-17
Hyperoxaluria induced tubular ischemia: the effects of verapamil on the antioxidant capacity of the affected kidneys
Cahit Sahin
Departments of Urology and Pediatrics, Dr. Lutfi Kirdar Kartal Research and Training Hospital, Istanbul, Turkey

MP-18
Probability of renal stone formation (PSF) in obese patients before and after gastric bypass surgery; effect of a preventive strategy
Philippe Jaeger
University College of London, Centre for Nephrology, London, UK/Service of Nephrology, Department of Medical Specialties, University Hospital of Geneva, Switzerland

MP-19
Silodosin, the selective alpha 1A adrenoceptor antagonist, facilitates expulsion of size 5 - 10 mm distal ureteral stones
Yasunori Itoh
Nagoya City University Graduate School of Medical Sciences, Japan

Moderated Poster 5
ESWL and endourology 1/2

July 21 (Thu) 16:50-17:26
Convention Hall A (2F)

Chair: Masaki Shimbo
(Department of Urology, St. Luke’s International Hospital, Japan)

MP-20
The impact of prostatic stones for the procedures of Holmium-Laser enucleation of prostate
Masaki Shimbo
Department of Urology, St. Luke’s International Hospital, Japan

MP-21
Endoscopic therapy for pediatric stone disease, our experience in more than hundred cases
Florian Kurtz
Rechts der Isar, Medical Center, Department of Urology, Technical University of Munich, Germany

MP-22
New anatomical classification of the pelvicalyceal system for endoscopic intrarenal surgery
Ryoji Takazawa
Tokyo Metropolitan Ohtsuka Hospital, Japan
MP-23
Efficacy of ESWL training using human body-typed stone-targeting phantoms
Atsushi Okada
Department of Nephro-urology, Nagoya City University Graduate School of Medical Sciences, Japan

MP-24
Stone density: probably most important predictive factor on the stone free rate of endoscopic treatment (RIRS)?
Igor Romanowsky
Soroka University Hospital, Ben Gurion University, Israel

MP-25
Stone size was the only independent predictor of residual stone and multiple procedures of ECIRS
Shimpei Yamashita
Wakayama Medical University, Japan

Moderated Poster 6
ESWL and endourology 2/2

July 21 (Thu) 17:26-18:02
Convention Hall A (2F)

Chair: Iwao Yoshioka
( Osaka Police Hospital Urology, Japan)

MP-26
Peri-operative outcomes of percutaneous stone surgery in patients with urinary diversions
Marco Bolgeri
University College London Hospital, UK

MP-27
Can we identify predictors for the risk of embolization following percutaneous nephrolithotomy?
Marco Bolgeri
University College London Hospital, UK

MP-28
Evaluation of predictive factors for post-operative pyrexia of transurethral lithotripsy (TUL)
Go Anan
St. Luke’s International Hospital, Japan

MP-29
The reasons of inaccuracies admitted in the evaluation of postoperative complications by Clavien-Dindo grading system in the endoscopic treatment of urolithiasis
Shukhrat T. Mukhtarov
Republican Specialized Center of Urology, Uzbekistan

MP-30
Active stone removal can prevent stone-related deaths in bedridden patients with upper urinary tract calculi
Shimpei Yamashita
Wakayama Medical University, Japan

MP-31
Risk factors for loss to follow-up in patients with upper urinary tract stones after surgical treatment
Akinori Iba
Wakayama Medical University, Japan
Free Poster

FP-01
Age-related differences in impacts of ambient hot season on clinical presentation of acute renal colic in stone formers
Osamu Ichiyanagi
Yamagata University Faculty of Medicine, Japan

FP-02
The correlation between abdominal obesity and stone analysis in Korean patients
Jea Whan Lee
Wonkwang University Hospital, South Korea

FP-03
Pregnancy decrease the incidence of stone recurrence in female patients with urolithiasis
Wen-Chi Chen
China Medical University, Taiwan/China Medical University Hospital, Taiwan

FP-04
The role of metabolic abnormalities in stone patients at different age groups
Fazil Y. Marickar
Mount Zion Medical College, India

FP-05
Influence of sex in the metabolic parameters of stone formation
Fazil Y. Marickar
Mount Zion Medical College, India

Free Poster 2
Pathogenesis of stones

FP-06
Recovery from nephrotoxicity in rats administered both melamine and cyanuric acid
Takahiro Kobayashi
Anjo Kosei Hospital, Japan

FP-07
Toward a new insight of calcium oxalate crystals in fly by nano-computerized tomography
Wen-Chi Chen
China Medical University, Taiwan

FP-08
Pattern of crystalluria relating to severity of stone disease
Fazil Y. Marickar
Mount Zion Medical College, India

FP-09
Does stone episode depend on metabolic status?
Fazil Y. Marickar
Mount Zion Medical College, India

FP-10
Are metabolic changes different in recurrent stone formers and one time stone formers?
Fazil Y. Marickar
Mount Zion Medical College, India

Free Poster 3
Crystals and cells

FP-11
Epithelial to mesenchymal transition (EMT) in vivo and in vitro induced by calcium oxalate (CaOx) and oxalate (Ox)
Fernanda T. Borges
ICAFE, Universidade Cruzeiro do Sul, Brazil/Universidade Federal de São Paulo, Brazil

FP-12
Calcium oxalate monohydrate crystals in urinary stone metabolism
Fazil Y. Marickar
Mount Zion Medical College, India

FP-13
The presence of calcium oxalate dihydrate crystals and stone metabolism
Fazil Y. Marickar
Mount Zion Medical College, India
FP-14
Presence of RBC in urine related to biochemical profile of stone formers
Fazil Y. Marickar
Mount Zion Medical College, India

FP-15
The relevance of pus cells in urine in the metabolism of urinary stone formers
Fazil Y. Marickar
Mount Zion Medical College, India

Free Poster 4
Genetics of stone disease
July 19 (Tue) 17:30-18:30
Convention Hall A (2F)

FP-16
Presence of genetic diversity in Asian and European cystinuria mutations
Shinichi Sakamoto
Department of Urology, Chiba University School of Medicine, Chiba, Japan

Free Poster 5
Inhibitors and promoters of stone formation
July 19 (Tue) 17:30-18:30
Convention Hall A (2F)

FP-17
Inhibitory effect of Rooibos tea on urinary stone formation in a rat model
Yasuhiko Hirose
Nagoya City University Graduate School of Medical Sciences, Japan/Anjo Kosei Hospital, Japan

FP-18
The effect of green tea for the early period of renal crystal formation
Masahito Hirose
Konan Kosei Hospital, Japan

FP-19
Febuxostat reduces calcium oxalate monohydrate crystal-induced upregulation of MCP-1 in MDCK cells
Dan Nakai
Kanazawa Medical University, Japan

FP-20
Evaluation of flavonoids of Ziziphus Lotus L for antiurolithiatic activity
Ahmed Bensatal
Laboratoire de Chimie, Université Zian Achour de Djelfa, Djelfa, Algeria

FP-21
Role of mitochondrial permeability transition in kidney stone formation
Yasuhiko Ito
Nagoya City University Graduate School of Medical Sciences, Japan/Holy Spirit Hospital, Japan

Free Poster 6
Metabolic factors and stones
July 19 (Tue) 17:30-18:30
Convention Hall A (2F)

FP-22
Cancelled

FP-23
Cancelled

FP-24
A single blind, parallel trial of L-Hydroxyproline in healthy adult subjects
Saori Akizuki
Kyowa Hakko Bio Co., Ltd, Japan

FP-25
Different presentations of stone disease and metabolic status
Fazil Y. Marickar
Mount Zion Medical College, India

FP-26
Urinary oxalate in relation to metabolic parameters in stone disease
Fazil Y. Marickar
Mount Zion Medical College, India

FP-27
Role of serum calcium in the metabolism of stone formation
Fazil Y. Marickar
Mount Zion Medical College, India
FP-28  
Urine uric acid and metabolic profile in urinary stone formation  
Fazil Y. Marickar  
Mount Zion Medical College, India

FP-29  
Black stones and white stones the metabolic difference  
Fazil Y. Marickar  
Mount Zion Medical College, India

Free Poster 7  
**Diagnosis of urolithiasis**  
July 19 (Tue) 17:30-18:30  
Convention Hall A (2F)

FP-30  
Microplate method for measurement of urinary supersaturation to indicate stone recurrence of calcium oxalate  
Nobuyo Morita  
Kanazawa Medical University, Japan

FP-31  
Can we predict a urinary stone composition by dual energy analysis of computerized tomography?  
Satoshi Yamaguchi  
Department of Urology, Kitasato Hospital, Japan

FP-32  
Efficacy of duel energy CT on urolithiasis diagnosis and treatment  
Fuminari Hanashima  
Saitama Medical University, Japan

FP-33  
The efficacy of KUB and ultrasonography for the detection of renal stone  
Toru Kanno  
Ijinkai Takeda General Hospital, Japan

Free Poster 8  
**Medical management of urolithiasis**  
July 19 (Tue) 17:30-18:30  
Convention Hall A (2F)

FP-34  
Changes in renal papillary density after hydration therapy in calcium stone formers  
Pietro Manuel Ferraro  
Catholic University, Rome, Italy

FP-35  
The clinical role of procalcitonin for urinary tract infection caused by urinary stone  
Takafumi Minami  
Department of Urology, Kinki University School of Medicine, Japan

FP-36  
Effect of vitamin D supplementation on urinary calcium excretion in women with hypercalciuria  
Armando L. Negri  
Instituto de Investigaciones Metabolicas Universidad del Salvador, Argentina

FP-37  
Calcium oxalate stone formation can be prevented  
Fazil Y. Marickar  
Mount Zion Medical College, India

FP-38  
Are diuretics indicated in urinary stone prevention?  
Fazil Y. Marickar  
Mount Zion Medical College, India

FP-39  
Stone clinic effect the missing factor  
Fazil Y. Marickar  
Mount Zion Medical College, India

FP-40  
Role of stone analysis in stone prevention  
Fazil Y. Marickar  
Mount Zion Medical College, India

FP-41  
Problems with citrate therapy  
Fazil Y. Marickar  
Mount Zion Medical College, India
FP-42
Summation effect on stone nucleation a new concept for prophylaxis
Fazil Y. Marickar
Mount Zion Medical College, India

FP-43
Expectant management and active stone removal for asymptomatic renal stones
Takashi Iguchi
Wakayama Medical University, Japan

FP-44
Planning of percutaneous nephrolithotomy using three dimensional computed tomography
Shuji Isotani
Juntendo University, Japan

FP-45
Recurrence rate of the upper urinary tract stones
Takuro Masaki
Harasanshin Hospital, Japan

FP-46
Our initial experience of endoscopic combined intrarenal surgery (ECIRS) in the Galdakao-modified supine Valdivia position
Fang-Ching Lee
Toho University Sakura Medical Center, Japan

FP-47
Treatment of upper urinary tract stones over 2cm in size with TUL assisted PNL (TAP)
Yasunobu Hashimoto
Saiseikai Kawaguchi General Hospital, Japan/Tokyo Women’s Medical University Aoyama Hospital, Japan

FP-48
A clinical outcome of endoscopic management for 20mm or more of large renal calculi
Mitsunori Matsuo
Kurume University School of Medicine, Japan

FP-49
Comparison of percutaneous nephrolithotripsy and retrograde intrarenal surgery for renal stone with a diameter of 20 to 40 mm
Kohsuke Uchida
Sanjuukaikai Hospital, Japan

FP-50
Wideband doppler ultrasound-guided mini-endoscopic combined intrarenal surgery as an effective and safe procedure for management of large renal stones: a preliminary report
Takaaki Inoue
Department of Urology and Stone Center, Takii Hospital, Kansai Medical University, Japan

FP-51
Successful removal of a staghorn calculus by mini-endoscopic combined intrarenal surgery in a child
Teruaki Sugino
Department of Nephro-urology, Nagoya City University Graduate School of Medical Sciences, Japan

FP-52
Impact of preoperative stenting to flexible ureterorenoscope on outcomes and patient quality of life
Nobuyo Morita
Kanazawa Medical University, Japan

FP-53
Effectiveness of preoperative stenting with flexible ureterorenoscopic lithotripsy for renal stones
Shohei Ishida
Department of Urology, Nagoya University Graduate School of Medicine, Japan

FP-54
The evaluation of urination-related QOL after ureteroscopic lithotripsy with indwelling the ureteral stent: loop tail stent vs pig tail stent
Makoto Taguchi
Department of Urology and Stone Center, Kansai Medical University Takii Hospital, Japan/Department of Urology and Andrology, Kansai Medical University Hirakata Hospital, Japan

FP-55
Relationship between infectious fever and clinical parameters following percutaneous nephrolithotomy (PNL)
Masaaki Fujimura
Department of Urology, Chibaken Saiseikai Narashino Hospital, Japan
FP-56
Prevention of postoperative high fever of transurethral lithotripsy after treatment of obstructive pyelonephritis due to ureteral stone
Genya Nishikawa
Aichi Medical University School of Medicine, Japan

FP-57
Two cases of reduced port laparoscopic pyeloplasty concomitant with pyelolithotomy
Naoyuki Yamanaka
Department of Urology, Faculty of Medicine, Oita University, Japan

FP-58
Surgical outcomes in laparoscopic lithotomy for upper urinary tract stones
Kimito Osaka
Yokohama City University Graduate School of Medicine, Japan

Free Poster 10
Urolithiasis and inflammation
July 19 (Tue) 17:30-18:30
Convention Hall A (2F)

FP-59
Clinical usefulness of presepsin in obstructive acute pyelonephritis due to upper urinary calculi
Mitsuhiro Tambo
Kyorin University School of Medicine, Japan

FP-60
Clinical implication of intraoperative stone culture in transurethral ureterolithotripsy
Taro Murata
Tokyo Metropolitan Police Hospital, Japan

FP-61
Effect of Oxalobacter formigenes colonization on urinary oxalate excretion
Lama Nazzal
NYU Langone Medical Center, New York, USA

FP-62
Chronic stress and calcium oxalate urolithiasis: are the changes in urinary risk factors due to stress per se?
Montserrat Arzoz-Fabregas
Hospital Germans Trias I Pujol, Badalona, Spain
Luncheon Seminar 1

Androgen Receptor and Stone-CaOx Crystal Formation
- Urinary, Prostate, Kidney -

July 19 (Tue) 12:10-13:10
Room 1 (2F International Conference Room)

Chair  Koichiro Akakura
Japan Community Healthcare Organization Tokyo Shinjuku Medical Center, Japan

Speaker  Chawnshang Chang
University of Rochester, Rochester, NY, USA

Janssen Pharmaceutical K.K. / AstraZeneca K.K.

Luncheon Seminar 2

Best Learning Methods for Ureteroscopic Surgery Skills
~ New Skill up Simulator ~

July 21 (Thu) 12:20-13:20
Room 1 (2F International Conference Room)

Chair  Kikuo Nutahara
Kyorin University School of Medicine, Japan

Speaker  Takaaki Inoue
Kansai Medical University, Medical Center, Japan

OLYMPUS CORPORATION
Hands-on Seminar

2-1 Flexible URS Hands-on Seminar

July 21 (Thu) 10:30-12:00
(2F 202)

Instructors
Thomas Knoll
Department of Urology, Klinikum Sindelfingen-Böblingen, Germany

Yohei Omori
Department of Urology, Tsukuba Medical Center Hospital, Japan

Boston Scientific Japan K.K.

Presidential Seminar

Current status of hormonal therapy for prostate cancer

Room 1 (2F International Conference Room)

Speaker
Tomohiko Ichikawa
Department of Urology, Graduate School of Medicine, Chiba University, Japan

Takeda Pharmaceutical Company Limited.
INDEX
<table>
<thead>
<tr>
<th>A</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Agrawal, Madhu S.</td>
<td>S-05◎/◎</td>
<td></td>
</tr>
<tr>
<td>Arakawa, Takashi</td>
<td>S-04◎,Oral Session 7</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>B</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Bonny, Olivier</td>
<td>Oral Session 5◎</td>
<td></td>
</tr>
<tr>
<td>Buchholz, Noor</td>
<td>S-01◎/◎</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>F</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Fujimura, Masaaki</td>
<td>Moderated Poster 3◎</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>G</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Gambaro, Giovanni</td>
<td>S-10◎/◎</td>
<td></td>
</tr>
<tr>
<td>Geavlete, Petrisor</td>
<td>S-04◎</td>
<td></td>
</tr>
<tr>
<td>Goehl, Mayur Danny l</td>
<td>Oral Session 9◎</td>
<td></td>
</tr>
<tr>
<td>Goldfarb, David S.</td>
<td>S-02◎/◎</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>H</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Hara, Isao</td>
<td>S-01◎/◎</td>
<td></td>
</tr>
<tr>
<td>Hess, Bernhard</td>
<td>L-08◎</td>
<td></td>
</tr>
<tr>
<td>Holmes, Ross</td>
<td>S-07◎/◎</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>I</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Ichikawa, Tomohiko</td>
<td>L-02◎,L-06◎</td>
<td></td>
</tr>
<tr>
<td>Iguchi, Taro</td>
<td>Oral Session 6◎</td>
<td></td>
</tr>
<tr>
<td>Iida, Shizuka</td>
<td>Oral Session 4◎</td>
<td></td>
</tr>
<tr>
<td>Itoh, Yasunori</td>
<td>Moderated Poster 4◎</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>J</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Jaeger, Philippe</td>
<td>L-10◎</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>K</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Kaneko, Kiyoko</td>
<td>Oral Session 3◎</td>
<td></td>
</tr>
<tr>
<td>Kariev, Saidakhror S.</td>
<td>Oral Session 8◎</td>
<td></td>
</tr>
<tr>
<td>Khan, Saeed R.</td>
<td>S-08◎/◎</td>
<td></td>
</tr>
<tr>
<td>Kino, Mika</td>
<td>Moderated Poster 2◎</td>
<td></td>
</tr>
<tr>
<td>Knudsen, Bodo E.</td>
<td>Oral Session 7◎</td>
<td></td>
</tr>
<tr>
<td>Kohjimoto, Yasuo</td>
<td>Oral Session 8◎</td>
<td></td>
</tr>
<tr>
<td>Kohri, Kenjiro</td>
<td>L-09◎</td>
<td></td>
</tr>
<tr>
<td>Koide, Takuo</td>
<td>Oral Session 1◎</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>L</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Letavernier, Emmanuel</td>
<td>Oral Session 4◎</td>
<td></td>
</tr>
<tr>
<td>Lieske, John C.</td>
<td>Oral Session 2◎</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>M</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Maalouf, Naim M.</td>
<td>Oral Session 3◎</td>
<td></td>
</tr>
<tr>
<td>Mandel, Neil S.</td>
<td>S-09◎/◎</td>
<td></td>
</tr>
<tr>
<td>Marickar, Fazil Y.</td>
<td>Oral Session 1◎</td>
<td></td>
</tr>
<tr>
<td>Matsuda, Tadashi</td>
<td>L-01◎</td>
<td></td>
</tr>
<tr>
<td>Milliner, Dawn S.</td>
<td>S-07◎/◎</td>
<td></td>
</tr>
<tr>
<td>Miyazawa, Katsuhito</td>
<td>L-11◎</td>
<td></td>
</tr>
<tr>
<td>Morozumi, Makoto</td>
<td>L-07◎,Oral Session 2</td>
<td></td>
</tr>
<tr>
<td>Mugiya, Soichi</td>
<td>Oral Session 9◎</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>N</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Nakatani, Tatsuya</td>
<td>L-05◎</td>
<td></td>
</tr>
<tr>
<td>Ng, Anthony Cf.</td>
<td>L-13◎</td>
<td></td>
</tr>
<tr>
<td>Nutahara, Kikuo</td>
<td>L-04◎</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>R</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Reis Santos, José M.</td>
<td>S-06◎/◎</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>S</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Sakhaee, Khashayar</td>
<td>S-03◎/◎</td>
<td></td>
</tr>
<tr>
<td>Sarica, Kemal</td>
<td>S-04◎/◎,S-06◎</td>
<td></td>
</tr>
<tr>
<td>Shimbo, Masaki</td>
<td>Moderated Poster 5◎</td>
<td></td>
</tr>
<tr>
<td>Suzuki, Koji</td>
<td>L-03◎</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>T</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Takayama, Tatsuya</td>
<td>Moderated Poster 1◎</td>
<td></td>
</tr>
<tr>
<td>Tiselius, Hans-Göran</td>
<td>G-02◎</td>
<td></td>
</tr>
<tr>
<td>Tozawa, Keichi</td>
<td>Oral Session 5◎</td>
<td></td>
</tr>
<tr>
<td>Trinchieri, Alberto</td>
<td>S-03◎/◎</td>
<td></td>
</tr>
<tr>
<td>Tuerk, Christian</td>
<td>G-01◎</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>W</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Wesson, Jeffrey A.</td>
<td>S-09◎/◎</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Y</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Yamaguchi, Satoshi</td>
<td>Oral Session 6◎</td>
<td></td>
</tr>
<tr>
<td>Yasui, Takahiro</td>
<td>S-08◎/◎</td>
<td></td>
</tr>
<tr>
<td>Yoshioka, Iwao</td>
<td>Moderated Poster 6◎</td>
<td></td>
</tr>
</tbody>
</table>
# Authors Index

<table>
<thead>
<tr>
<th>Authors</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aggarwal, Deepika</td>
<td>O-24</td>
</tr>
<tr>
<td>Agrawal, Madhu S.</td>
<td>S-05-2, S-05-3</td>
</tr>
<tr>
<td>Akizuki, Saori</td>
<td>FP-24</td>
</tr>
<tr>
<td>Anan, Go</td>
<td>MP-28</td>
</tr>
<tr>
<td>Ando, Ryosuke</td>
<td>O-21</td>
</tr>
<tr>
<td>Asplin, John R.</td>
<td>S-02-1</td>
</tr>
<tr>
<td>Arzoz-Fabregas, Montserrat</td>
<td>FP-62</td>
</tr>
<tr>
<td>Ather, Hammad M</td>
<td>S-01-2</td>
</tr>
<tr>
<td>Bensatal, Ahmed</td>
<td>FP-20</td>
</tr>
<tr>
<td>Bolgeri, Marco</td>
<td>MP-11, MP-12, MP-26, MP-27</td>
</tr>
<tr>
<td>Bonny, Olivier</td>
<td>O-22, O-23</td>
</tr>
<tr>
<td>Boonla, Chanchai</td>
<td>S-08-2, MP-10</td>
</tr>
<tr>
<td>Borges, Fernanda T.</td>
<td>FP-11</td>
</tr>
<tr>
<td>Chaussy, Christian G.</td>
<td>L-01</td>
</tr>
<tr>
<td>Chen, Wen-Chi</td>
<td>FP-03, FP-07</td>
</tr>
<tr>
<td>Eapen, Paul</td>
<td>O-02</td>
</tr>
<tr>
<td>Ferraro, Pietro Manuel</td>
<td>S-10-3, FP-34</td>
</tr>
<tr>
<td>Frochot, Vincent</td>
<td>MP-15, MP-16</td>
</tr>
<tr>
<td>Fujii, Yasuhiro</td>
<td>MP-06</td>
</tr>
<tr>
<td>Fujimura, Masaaki</td>
<td>FP-55</td>
</tr>
<tr>
<td>Fukuhara, Hiroki</td>
<td>O-03</td>
</tr>
<tr>
<td>Gambaro, Giovanni</td>
<td>S-10-2</td>
</tr>
<tr>
<td>Geavlete, Petrisor</td>
<td>S-04-02</td>
</tr>
<tr>
<td>Gohel, Mayur Danny I</td>
<td>L-13, O-34, O-38</td>
</tr>
<tr>
<td>Goldfarb, David S.</td>
<td>S-02-3</td>
</tr>
<tr>
<td>Hamamoto, Shuzo</td>
<td>O-31</td>
</tr>
<tr>
<td>Hanashima, Fuminari</td>
<td>FP-32</td>
</tr>
<tr>
<td>Hashimoto, Yasunobu</td>
<td>FP-47</td>
</tr>
<tr>
<td>Hauner, Katharina</td>
<td>MP-09</td>
</tr>
<tr>
<td>Hess, Bernhard</td>
<td>S-06-1,O-26</td>
</tr>
<tr>
<td>Hirose, Masahito</td>
<td>FP-18</td>
</tr>
<tr>
<td>Hirose, Yasuhiro</td>
<td>FP-17</td>
</tr>
<tr>
<td>Holmes, Ross P.</td>
<td>S-07-1</td>
</tr>
<tr>
<td>Iba, Akinori</td>
<td>MP-08, MP-31</td>
</tr>
<tr>
<td>Ichikawa, Tomohiko</td>
<td>L-05</td>
</tr>
<tr>
<td>Ichiyanagi, Osamu</td>
<td>FP-01</td>
</tr>
<tr>
<td>Iguchi, Takashi</td>
<td>FP-43</td>
</tr>
<tr>
<td>Iguchi, Taro</td>
<td>O-27</td>
</tr>
<tr>
<td>Inoue, Takaaki</td>
<td>FP-50</td>
</tr>
<tr>
<td>Ishida, Shohei</td>
<td>FP-53</td>
</tr>
<tr>
<td>Isotani, Shuji</td>
<td>FP-44</td>
</tr>
<tr>
<td>Ito, Yasuhiro</td>
<td>FP-21</td>
</tr>
<tr>
<td>Itoh, Yasunori</td>
<td>MP-19</td>
</tr>
<tr>
<td>Jaeger, Philippe</td>
<td>MP-18</td>
</tr>
<tr>
<td>Kanai, Yoshikatsu</td>
<td>L-06</td>
</tr>
<tr>
<td>Kanno, Toru</td>
<td>FP-33</td>
</tr>
<tr>
<td>Kariev, Saidakhroor S.</td>
<td>O-33</td>
</tr>
<tr>
<td>Khan, Saeed R.</td>
<td>L-07,O-05, O-15</td>
</tr>
<tr>
<td>Kino, Mika</td>
<td>O-29</td>
</tr>
<tr>
<td>Knoll, Thomas</td>
<td>G-01</td>
</tr>
<tr>
<td>Knudsen, Bodo E.</td>
<td>G-02,O-32</td>
</tr>
<tr>
<td>Kobayashi, Takahiro</td>
<td>FP-06</td>
</tr>
<tr>
<td>Kohjimoto, Yasuo</td>
<td>S-01-3</td>
</tr>
<tr>
<td>Koul, Hari K.</td>
<td>S-08-1</td>
</tr>
<tr>
<td>Kurtz, Florian</td>
<td>MP-21</td>
</tr>
<tr>
<td>Lahme, Sven</td>
<td>S-04-1</td>
</tr>
<tr>
<td>Lee, Fang-Ching</td>
<td>FP-46</td>
</tr>
<tr>
<td>Lee, Jea Whan</td>
<td>FP-02</td>
</tr>
<tr>
<td>Letavernier, Emmanuel</td>
<td>O-06,O-14</td>
</tr>
<tr>
<td>Lieske, John C.</td>
<td>O-07,O-11, O-35</td>
</tr>
<tr>
<td>Maalouf, Naim M.</td>
<td>O-12,O-25</td>
</tr>
<tr>
<td>Marickar, Fazil Y.</td>
<td>O-01,O-10, O-18,O-19, O-28,O-36, FP-04,FP-05, FP-08,FP-09, FP-10,FP-12, FP-13,FP-14, FP-15,FP-25, FP-26,FP-27, FP-28,FP-29, FP-37,FP-38, FP-39,FP-40, FP-41,FP-42</td>
</tr>
<tr>
<td>Masaki, Takuro</td>
<td>FP-45</td>
</tr>
<tr>
<td>Matsuzaki, Junichi</td>
<td>S-05-1</td>
</tr>
<tr>
<td>Milliner, Dawn S.</td>
<td>S-07-3</td>
</tr>
<tr>
<td>Minami, Takafumi</td>
<td>FP-35</td>
</tr>
<tr>
<td>Moe, Orson</td>
<td>S-03-3</td>
</tr>
<tr>
<td>Morita, Nobuyo</td>
<td>FP-30,FP-52</td>
</tr>
<tr>
<td>Mugiya, Soichi</td>
<td>O-40</td>
</tr>
<tr>
<td>Mukhtarov, Shukhrat T.</td>
<td>MP-29</td>
</tr>
<tr>
<td>Murata, Taro</td>
<td>FP-60</td>
</tr>
<tr>
<td>Nakai, Dan</td>
<td>FP-19</td>
</tr>
<tr>
<td>Nazzal, Lama</td>
<td>FP-61</td>
</tr>
<tr>
<td>Negri, Armando L.</td>
<td>FP-36</td>
</tr>
<tr>
<td>Ng, Anthony Cf.</td>
<td>S-01-1</td>
</tr>
<tr>
<td>Nishikawa, Genya</td>
<td>FP-56</td>
</tr>
<tr>
<td>Okada, Atsushi</td>
<td>S-08-3, MP-23</td>
</tr>
<tr>
<td>Osaka, Kimito</td>
<td>FP-58</td>
</tr>
<tr>
<td>Robertson, William G.</td>
<td>L-03</td>
</tr>
<tr>
<td>Rodgers, Allen L.</td>
<td>L-09,S-09-3</td>
</tr>
<tr>
<td>Romanowsky, Igor</td>
<td>MP-24</td>
</tr>
<tr>
<td>Ryall, Rosemary L.</td>
<td>L-11</td>
</tr>
<tr>
<td>Name</td>
<td>Code</td>
</tr>
<tr>
<td>---------------------------</td>
<td>--------</td>
</tr>
<tr>
<td>Sahin, Cahit</td>
<td>MP-01,</td>
</tr>
<tr>
<td></td>
<td>MP-13,</td>
</tr>
<tr>
<td></td>
<td>MP-14,</td>
</tr>
<tr>
<td></td>
<td>MP-17</td>
</tr>
<tr>
<td>Sakamoto, Shinichi</td>
<td>FP-16</td>
</tr>
<tr>
<td>Sakhaee, Khashayar</td>
<td>S-03-2</td>
</tr>
<tr>
<td>Sarica, Kemal</td>
<td>L-02,S-04-3</td>
</tr>
<tr>
<td>Shimbo, Masaki</td>
<td>MP-20</td>
</tr>
<tr>
<td>Siener, Roswitha</td>
<td>L-08,S-02-2, S-07-2</td>
</tr>
<tr>
<td>Strohmaier, Walter L.</td>
<td>L-04,O-04, O-08,O-09, O-13,O-20</td>
</tr>
<tr>
<td>Sugino, Teruaki</td>
<td>FP-51</td>
</tr>
<tr>
<td>Taguchi, Kazumi</td>
<td>MP-05</td>
</tr>
<tr>
<td>Taguchi, Makoto</td>
<td>FP-54</td>
</tr>
<tr>
<td>Takayama, Tatsuya</td>
<td>MP-03</td>
</tr>
<tr>
<td>Takazawa, Ryoji</td>
<td>MP-22</td>
</tr>
<tr>
<td>Tambo, Mitsuhiro</td>
<td>FP-59</td>
</tr>
<tr>
<td>Tanaka, Toshikazu</td>
<td>MP-07</td>
</tr>
<tr>
<td>Trinchieri, Alberto</td>
<td>S-03-1</td>
</tr>
<tr>
<td>Tuncer, Murat</td>
<td>O-39</td>
</tr>
<tr>
<td>Uchida, Kohsuke</td>
<td>FP-49</td>
</tr>
<tr>
<td>Unno, Rei</td>
<td>MP-02</td>
</tr>
<tr>
<td>Usami, Masayuki</td>
<td>MP-04</td>
</tr>
<tr>
<td>Wang, Xiangling</td>
<td>O-16,O-37</td>
</tr>
<tr>
<td>Wesson, Jeffrey A.</td>
<td>S-09-1,O-17</td>
</tr>
<tr>
<td>Williams, James C.</td>
<td>L-10,S-06-3</td>
</tr>
<tr>
<td>Yamaguchi, Satoshi</td>
<td>FP-31</td>
</tr>
<tr>
<td>Yamanaka, Naoyuki</td>
<td>FP-57</td>
</tr>
<tr>
<td>Yamashita, Shimpei</td>
<td>MP-25,</td>
</tr>
<tr>
<td></td>
<td>MP-30</td>
</tr>
<tr>
<td>Yasui, Takahiro</td>
<td>S-09-2</td>
</tr>
<tr>
<td>Yoshino, Yasushi</td>
<td>O-30</td>
</tr>
<tr>
<td>Zhong, Wen</td>
<td>S-06-2</td>
</tr>
</tbody>
</table>