**Program at a Glance**

**XXIV World Congress of Asthma**

**October 3rd**

**Hall A**  
(Eminence Hall, 5F South Tower)  

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>09:00</td>
<td>Registration</td>
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</table>
| 10:00  - 11:30 | Asthma Plan  
**Chairs:** Ansoeteui I., Komose Y., Nakamura Y.  
Asthma education and knowledge translation  
**Chairs:** Louis Philippe Boulet, Canada |

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<tr>
<th>Time</th>
<th>Session</th>
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</table>
| 11:30  - 12:30 | Plenary Lectures 1  
**Chairs:** Yoon H., Hasegawa Y., Ichinose M.  
Asthma-COPD overlap: Implication for therapy  
**Chairs:** Peter Barnes, UK  
Allergic Rhinitis: Today and tomorrow  
**Chairs:** Jean Bousquet, France |

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<tr>
<th>Time</th>
<th>Session</th>
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</table>
| 12:30  - 12:45 | Break  
**Asthma Treatable Traits**  
**Chairs:** Braidio T., Sugiyama H., Tanaka A.  
Bronchoteraphyplasty in asthma  
**Chairs:** Michael Wechsler, USA  
Molecular diagnosis of allergic sensitization in patients with respiratory diseases  
**Chairs:** Mario Sanchez Borges, Venezuela |

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<tr>
<th>Time</th>
<th>Session</th>
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| 14:00  - 15:00 | Asthma Exacerbations  
**Chairs:** Boulet L.P., Muraki M., Munakata M.  
Effect of air pollution on allergic rhinitis and asthma  
**Chairs:** Ignacio Ansotegui, Spain  
Causes and risk factors  
**Chairs:** Hiromasa Inoue, Japan  
WAO Symposium  
**Chairs:** DuBuske L., Nagata M., Mochizuki H.  
PPAR-gamma targeting as modulator of asthma inflammatory responses  
**Chairs:** Igor Kaidashev, Ukraine  
IgE in immunologic disorders and urticaria  
**Chairs:** Mario Sanchez Borges, Venezuela  
WAO initiatives on severe asthma and immunotherapy  
**Chairs:** Ignacio Ansotegui, Spain |

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<tr>
<th>Time</th>
<th>Session</th>
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| 16:00  - 17:00 | Break  
**Immunotherapy Update**  
**Chairs:** Rha Y., Fukushima Y., Urisu A.  
Supported by ALK Travel Grant  
Immunological mechanism of MT +/- clinical benefits and risk (both SLIT and SCIT)  
**Chairs:** Moises Calderon, UK  
SLIT in management of HDM allergic rhinitis  
**Chairs:** Yoshitaka Okamoto, Japan  
SLIT in management of HDM allergic asthma  
**Chairs:** J. Christian Virchow, Germany |

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<tr>
<th>Time</th>
<th>Session</th>
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| 18:30  - 19:30 | Opening Ceremony  
**Chairs:** Lawrence DuBuske, USA, Ken Ohta, Japan  
Followed by welcome reception (with light dinner) |

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<tr>
<th>Time</th>
<th>Session</th>
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| 19:30  - 21:00 | Welcome Reception  
(Ohgi, 4F South Tower) |
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</thead>
</table>
| 08:30 - 09:30 | Oral Communication 1  
Phenotype/endotype  
*Chairs:* Virchow J.C., Ota K. |
| 09:30 - 10:30 | Plenary lectures  
*Chairs:* Boulet L.P., Sagara H., Nakano Y.  
Personalized & precision medicine in asthma  
G. Walter Canonica, Italy  
Airway remodeling  
Peter Barnes, UK |
| 11:00 - 12:30 | Environment and the lung  
*Chairs:* Kowal K., Adachi Y., Hisada T.  
Allergens  
Lawrence Dubuske, USA  
Occupational allergens  
Kunio Dobashi, Japan  
Impact of the lifestyle on asthma  
Lies Lahousse, Belgium |
| 12:30 - 12:45 | Break |
| 12:45 - 13:45 | Luncheon Seminar 2  
*Chairs:* Sagara H.  
Allergic Rhinitis and its Impact on Asthma  
Jean Bouquet, France |
| 13:45 - 14:00 | Break |
| 14:00 - 15:30 | Assessment of airways diseases  
*Chairs:* Canonica G.W., Yamashita N., Matsunaga K.  
Basics for diagnosis  
J. Christian Virchow, Germany  
Allergy testing  
Krzysztof Kowal, Poland  
Forced oscillation technique  
Hajime Kurosawa, Japan |
| 15:30 - 17:00 | Pediatric asthma  
*Chairs:* Calderon M., Ohshima Y., Odajima H.  
Management of exacerbation in children  
Nelson Rosario, Brazil  
Approach to severe pediatric asthma  
Gary Wong, China (Hong Kong)  
Treatment of mild to moderate asthma in children  
Yuichi Adachi, Japan |
| 17:00 - 17:30 | Break |
| 17:30 - 19:00 | Guidelines update  
*Chairs:* Boulet L.P., Arakawa H., Tohda Y.  
Pediatric asthma 2018  
Takao Fujisawa, Japan  
Adult asthma 2018  
Michael Wechsler, USA  
New classification of allergic diseases  
Jean Bouquet, France |
| 19:00 - 20:00 | General assembly |

**Hall A**  
(Eminence Hall, 5F South Tower)  
**Hall B**  
(Nishiki, 4F South Tower)  
**Interasma Japan/North Asia Program**  
(Hana B, 4F Main Building)  
Session will be conducted in Japanese
### XXIV World Congress of Asthma
**OCTOBER 5th**

#### Hall A (Eminence Hall, 5F South Tower)
- **08:00 - 09:00**
  - Oral Communication 3
    - Severe asthma
      - Chairs: Braido F., Ohno I.
  - Plenary lectures
    - Chairs: Canonica GW, Shimojo N., Yamaguchi M.
    - Asthma immunology
      - Lawrence Dubuske, USA
    - New strategy for asthma treatment in the real world (including biologics)
      - David Price, Australia and UK
    - New concepts of immunology - "Regulatory T cells"
      - Shimon Sakaguchi, Japan
- **10:30 - 12:00**
  - Diagnosis Section
    - Chairs: Kaidashev I., Ishizuka T., Ishiura Y.
    - Pulmonary function test in obstructive airways diseases
      - Satoshi Konno, Japan
    - Big data and severe asthma registries
      - G. Walter Canonica, Italy
    - What's new in the elderly asthma?
      - Sang-Heon Cho, Korea
  - Patient’s empowerment
    - Chairs: Boulet L.P., Tokuyama K., Sano Y.
    - Inhalers new technologies
      - Lies Lahousse, Belgium
    - Patient’s expert
      - Michiko Haida, Japan
    - Patient’s engagement
      - Moises Calderon, UK
- **12:15 - 13:15**
  - Luncheon Seminar 4
    - Chairs: Tamaoki J
    - Mechanism and treatment strategy of severe asthma
      - Arihiko Kaneko, Japan

#### Hall B (Nishiki, 4F South Tower)
- **08:00 - 09:00**
  - Oral Communication 4
    - Asthma treatment
      - Chairs: Ohta K., Tanimoto Y.
  - Plenary lectures
    - Chairs: Canonica GW, Shimojo N., Yamaguchi M.
    - Asthma immunology
      - Lawrence Dubuske, USA
    - New strategy for asthma treatment in the real world (including biologics)
      - David Price, Australia and UK
    - New concepts of immunology - "Regulatory T cells"
      - Shimon Sakaguchi, Japan
- **10:30 - 12:00**
  - Diagnosis Section
    - Chairs: Kaidashev I., Ishizuka T., Ishiura Y.
    - Pulmonary function test in obstructive airways diseases
      - Satoshi Konno, Japan
    - Big data and severe asthma registries
      - G. Walter Canonica, Italy
    - What’s new in the elderly asthma?
      - Sang-Heon Cho, Korea
  - Patient’s empowerment
    - Chairs: Boulet L.P., Tokuyama K., Sano Y.
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    - Patient’s expert
      - Michiko Haida, Japan
    - Patient’s engagement
      - Moises Calderon, UK
- **12:15 - 13:15**
  - Luncheon Seminar 4
    - Chairs: Tamaoki J
    - Mechanism and treatment strategy of severe asthma
      - Arihiko Kaneko, Japan

#### Interasma Japan/North Asia Program
**Hall Hana (Japanese Session)** (Hana B, 4F Main Building)
- Session will be conducted in Japanese
- **08:00 - 09:00**
  - Oral Communication 3
    - Severe asthma
      - Chairs: Braido F., Ohno I.
  - Oral Communication 4
    - Asthma treatment
      - Chairs: Ohta K., Tanimoto Y.
- **09:00 - 10:30**
  - Plenary lectures
    - Chairs: Canonica GW, Shimojo N., Yamaguchi M.
    - Asthma immunology
      - Lawrence Dubuske, USA
    - New strategy for asthma treatment in the real world (including biologics)
      - David Price, Australia and UK
    - New concepts of immunology - "Regulatory T cells"
      - Shimon Sakaguchi, Japan
  - Diagnosis Section
    - Chairs: Kaidashev I., Ishizuka T., Ishiura Y.
    - Pulmonary function test in obstructive airways diseases
      - Satoshi Konno, Japan
    - Big data and severe asthma registries
      - G. Walter Canonica, Italy
    - What’s new in the elderly asthma?
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- **10:30 - 12:00**
  - Patient’s empowerment
    - Chairs: Boulet L.P., Tokuyama K., Sano Y.
    - Inhalers new technologies
      - Lies Lahousse, Belgium
    - Patient’s expert
      - Michiko Haida, Japan
    - Patient’s engagement
      - Moises Calderon, UK

- **17:15 - 18:00**
  - Poster session 1
    - Chairs: Taniguchi M., Sagara H.
    - N-ERD as a heterogenous asthma phenotype
      - Marek Kowalski, Poland
  - Poster session 2
    - Chairs: Taniguchi M., Sagara H.
    - Inflammatory cytokine network in obese asthmatics
      - Igor Kaidashev, Ukraine

- **18:00 - 18:45**
  - Poster session 2
    - Chairs: Taniguchi M., Sagara H.
    - Inflammatory cytokine network in obese asthmatics
      - Igor Kaidashev, Ukraine

### OCTOBER 5th
- **19:00**
  - Presidential Dinner

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**GLOBAL ASTHMA ASSOCIATION - INTERASMA & INTERASMA JAPAN**

**WCA2018**

**Program at a Glance**

**October 5th**

<table>
<thead>
<tr>
<th>Time</th>
<th>Section</th>
<th>Chairs/Topics</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>08:00-09:00</td>
<td>Oral Communication 3</td>
<td>Severe asthma</td>
<td>Hall A</td>
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<tr>
<td>09:00-10:30</td>
<td>Plenary lectures</td>
<td>Asthma Immunology</td>
<td>Hall A</td>
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<tr>
<td>10:30-12:00</td>
<td>Diagnosis Section</td>
<td>Pulmonary Function Test in Obstructive Airways</td>
<td>Hall A</td>
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<tr>
<td>12:15-13:15</td>
<td>Luncheon Seminar 4</td>
<td>Mechanism and Treatment Strategy of Severe Asthma</td>
<td>Hall A</td>
</tr>
<tr>
<td>13:30-15:00</td>
<td>Asthma &amp; Infections</td>
<td>Asthma and Viruses</td>
<td>Hall A</td>
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<tr>
<td>15:30-17:00</td>
<td>Contributing Factors for Asthma</td>
<td>Genetic Factors</td>
<td>Hall A</td>
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<tr>
<td>17:00-17:30</td>
<td>Break</td>
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<tr>
<td>17:30-18:30</td>
<td>New Deal in Asthma</td>
<td>Group 2 innate lymphoid cells and asthmas</td>
<td>Hall A</td>
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<tr>
<td>19:00</td>
<td>Presidential Dinner</td>
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**Hall Hana (Japanese Session)**

- Session will be conducted in Japanese

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<td>Oral Communication 3</td>
<td>Severe asthma</td>
<td>Hall Hana C, 4F Main Tower</td>
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<tr>
<td>09:00-10:30</td>
<td>Plenary lectures</td>
<td>Asthma Immunology</td>
<td>Hall Hana C, 4F Main Tower</td>
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<tr>
<td>10:30-12:00</td>
<td>Diagnosis Section</td>
<td>Pulmonary Function Test in Obstructive Airways</td>
<td>Hall Hana C, 4F Main Tower</td>
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<td>Mechanism and Treatment Strategy of Severe Asthma</td>
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<td>Break</td>
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<tr>
<td>19:00</td>
<td>Presidential Dinner</td>
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## PROGRAM AT A GLANCE

### OCTOBER 6th

<table>
<thead>
<tr>
<th>Time</th>
<th>Hall A (Eminence Hall, 5F South Tower)</th>
<th>Hall B (Nishiki, 4F South Tower)</th>
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<tbody>
<tr>
<td>08:00</td>
<td><strong>Oral Communication 5</strong></td>
<td><strong>Oral Communication 6</strong></td>
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<tr>
<td></td>
<td>Pathophysiology of asthma</td>
<td>Miscellaneous</td>
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<td></td>
<td><em>Chairs:</em> Canonica G.W., Nakagome K.</td>
<td><em>Chairs:</em> Rosario N., Iikura M.</td>
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<tr>
<td></td>
<td><strong>Plenary lectures</strong></td>
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<td></td>
<td><em>Chairs:</em> DuBuske L., Taniguchi M., Ohta K.</td>
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<tr>
<td>09:00</td>
<td>Severe refractory asthma</td>
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<td></td>
<td>Joshua Boyce, USA</td>
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<tr>
<td>09:00</td>
<td>New concepts of immunology and cell biology - “Autophagy”</td>
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<td></td>
<td><em>Noboru Mizushima,</em> Japan</td>
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<tr>
<td>09:00</td>
<td>World incidence, prevalence and burden of asthma</td>
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<td></td>
<td><em>Louis Philippe Boulet,</em> Canada</td>
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<tr>
<td>09:00</td>
<td><strong>Asthma: Prevention and management</strong></td>
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<td><em>Chairs:</em> Hattori N., Kohyama T.</td>
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<td>09:00</td>
<td>The role of anti-endotoxin immunity in asthma pathophysiology</td>
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<td></td>
<td>Yuriy Bisyuk, Ukraine</td>
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<td>09:00</td>
<td>Long-term management</td>
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<td>Nelson Rosario, Brazil</td>
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<td>09:00</td>
<td>Prevention of airway remodeling</td>
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<td>Andras Bikov, UK</td>
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<td>09:00</td>
<td><strong>Asthma treatment</strong></td>
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<td><em>Chairs:</em> Boulet L.P., Iwamoto H., Kamehiro A.</td>
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<td>09:00</td>
<td>Clinical control</td>
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<td></td>
<td>Ken Ohta, Japan</td>
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<tr>
<td>09:00</td>
<td>Precision medicine and biomarkers</td>
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<td></td>
<td>David Price, Australia and UK</td>
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<tr>
<td>09:00</td>
<td>New therapy for intractable asthma</td>
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<td></td>
<td>Joshua Boyce, USA</td>
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<tr>
<td>11:00</td>
<td><strong>Break</strong></td>
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<tr>
<td>12:30</td>
<td><strong>Luncheon Seminar 5</strong> (co-sponsored by Sanofi K.K.)</td>
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<td><em>Chair:</em> Kaneko T</td>
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<td>12:45</td>
<td>Unmet medical needs in current asthma treatment in EU</td>
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<td>Klaus F. Rabe, Germany</td>
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<td>13:45</td>
<td><strong>Poster session 3</strong></td>
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<td>P36 to P51</td>
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<tr>
<td>13:45</td>
<td><strong>Asthma clustering</strong></td>
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<td><em>Chairs:</em> DuBuske L., Nagase H., Matsumoto H.</td>
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<tr>
<td>14:30</td>
<td>Genetic polymorphism in asthma</td>
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<td></td>
<td>Yuriy Bisyuk, Ukraine</td>
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<tr>
<td>14:30</td>
<td>Cluster analysis of asthma phenotypes</td>
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<td>Koichi Fukunaga, Japan</td>
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<td>14:30</td>
<td>AERD</td>
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<td>14:30</td>
<td>Joshua Boyce, USA</td>
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<tr>
<td>16:00</td>
<td><strong>Closing Ceremony</strong></td>
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## XXIV World Congress of Asthma

**OCTOBER 3-6, 2018, Keio Plaza Hotel, Tokyo, Japan**