



GLOBAL ASTHMA ASSOCIATION - INTERASMA



WCA2018

XXIV World Congress of Asthma

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

PROGRAMME

www.wca-2018.com





XXIV World Congress of Asthma



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

Welcome Letter from the Presidents

Dear colleagues and friends,

It is my privilege and honor to welcome you to invite in the **24th World Congress of Asthma – WCA-2018** in Tokyo, Japan, organized by the Asthma Global Association-INTERASMA, from October 3 through October 6, 2018.

WCA brings together specialists, physicians and healthcare professionals from all over the world to share valuable scientific knowledge on asthma, ranging from diagnostic and therapeutic tools and techniques to leading-edge research. WCA has been very popular, resulting in highly successful & well attended congresses with outstanding scientific programs. The **24th World Congress of Asthma – WCA-2018** will not be an exception.

INTERASMA is celebrating its 62nd anniversary of uninterrupted education in the field of asthma, making it the most important international asthma and related diseases organization in the world, as well as a reference organization for primary care physicians, healthcare providers and medical students.

Tokyo, officially Tokyo Metropolis, is the capital city of Japan and one of its 47 prefectures. The Greater Tokyo Area is the most populous metropolitan area in the world. It is the seat of the Emperor of Japan and the Japanese government. Tokyo is in the Kant region on the southeastern side of the main island Honshu and includes Ogasawara Islands. Tokyo is often referred to as a city, but is officially known and governed as a “metropolitan prefecture”, which differs from and combines elements of a city and a prefecture, a characteristic unique to Tokyo.

Tokyo has many museums. In Ueno Park, there is the Tokyo National Museum, the country’s largest museum specializing in traditional Japanese art; the National Museum of Western Art and Ueno Zoo. Other museums include the National Museum of Emerging Science and Innovation in Odaiba; the Edo-Tokyo Museum in Sumida, across the Sumida River from the center of Tokyo; the Nezu Museum in Aoyama; and the National Diet Library, National Archives, and the National Museum of Modern Art, which are near the Imperial Palace.

Tokyo has many theatres for performing arts. These include national and private theatres for traditional forms of Japanese drama. Noteworthy are the National Noh Theatre and the Kabuki-za for kabuki. Symphony orchestras and other musical organizations perform modern and traditional music. Tokyo also hosts modern Japanese and international pop and rock music at venues ranging in size from intimate clubs to internationally known arenas such as the Nippon Budokan.

It will be our pleasure to welcome you to Tokyo, Japan, on October 2018.

Sincerely,



Professor Lawrence DuBuske
President of GAA Interasma



Professor Ken Ohta
President of the Local Organizing Committee



WCA2018

XXIV World Congress of Asthma

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

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XXIV World Congress of Asthma



WCA2018

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

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WCA2018

XXIV World Congress of Asthma

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

INTERASMA JAPAN

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XXIV World Congress of Asthma



WCA2018

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

CONGRESS TOPICS

ACUTE ASTHMA

Causes and risk factors

Management and prevention

Lessons from emergency room management of asthma

ALLERGEN IMMUNOTHERAPY

Current standards

Oral immunotherapy update

Role of SLIT in asthma

ALLERGIC RHINITIS IMPACT ON ASTHMA

Shared pathophysiology of allergic rhinitis and asthma

Impact of allergic rhinitis therapies in asthma

Allergen immunotherapy in asthma

Sub lingual allergen immunotherapy for dust mite in asthma and allergic rhinitis

Safety of subcutaneous versus sublingual immunotherapy in asthma

ALLERGY

Allergy testing

Aero-allergens and airways

The ARIA initiative

ANAPHYLAXIS

Pathophysiology

Food allergy

Venom allergy

Drug allergy

Treatment paradigms for anaphylaxis



WCA2018

XXIV World Congress of Asthma

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

ASTHMA AND COPD

Role of eosinophils in ACOS

Role of Th2 inflammation in ACOS

Heterogeneity of immune pathogenesis of asthma and COPD

Assessment of benefits of new LAMAs in asthma and COPD

ICS plus LABA plus LAMA in asthma and COPD

Role of new biologicals in COPD

ASTHMA AND SPECIFIC CONDITIONS AND POPULATIONS

Asthma and pregnancy

Asthma in the elderly

Managing allergy & asthma in resource poor settings

War-time asthma: Lessons from Syria

Asthma in children less than 5 years old

Asthma in teenagers

ASTHMA CO-MORBIDITIES

Asthma and rhinitis

Asthma and upper airways dysfunction

Obesity and asthma

Asthma and psychological problems

The asthma-COPD overlap

Atopic dermatitis

Chronic rhinosinusitis and Th2 inflammation

ASTHMA DIAGNOSIS

Under and overtreatment of asthma

Standards for the diagnosis of asthma

Pulmonary function tests



XXIV World Congress of Asthma



WCA2018

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

ASTHMA EPIDEMIOLOGY

Incidence and prevalence of asthma in the world
Morbidity and mortality from asthma
Lung function decline and its determinants
Age and gender differences
Natural history of asthma: Can it be altered
Asthma remissions
Does the “hygiene hypothesis” still hold?

ASTHMA PATHOPHYSIOLOGY

Airway inflammation
Epithelial dysfunction
Airway remodeling
Neurogenic factors

ASTHMA PHENOTYPES

Asthma phenotyping: Practical aspects
Asthma endotyping: Is it worth doing ?
Severe asthma
Occupational asthma
Asthma in the athlete
Eosinophilic asthma
Non-eosinophilic asthma
Cluster analysis of asthma phenotypes
Th17 immune responses in asthma
Innate lymphocyte type 2 driven asthma
Aspirin exacerbated respiratory disease



WCA2018

XXIV World Congress of Asthma

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

ASTHMA TREATMENT

Adherence to therapy: A major asthma management problem

Inhaler techniques

Initial treatment of asthma: When to introduce ICS ?

New inhalers

Future treatment of asthma

Non-pharmacologic asthma therapies

Efficacy of bronchothermoplasty in asthma

LAMA versus LABA for asthma

Allergic moderate to severe asthma treatment options

Impact of new asthma biologicals on asthma exacerbations and lung function

ATOPIC DERMATITIS

Pathophysiology- similarities and differences from asthma

The allergic March

New therapies- topical

New therapies- biologics

CLINICAL ASPECTS OF ASTHMA: THE PATIENT PERSPECTIVE

Perception of asthma symptoms

Patients' expectations

Patient opinions on asthma treatment

The expert patient



XXIV World Congress of Asthma



WCA2018

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

DRUGS FOR ASTHMA AND COPD

β 2-agonists

Inhaled corticosteroids

Anti-cholinergics

Leukotriene antagonists

Combination therapies (double and triple combinations)

Monoclonal antibodies

EDUCATIONAL INTERVENTIONS

Asthma education and knowledge translation

Educational interventions in COPD

Motivational interview

Shared-decision making

The asthma action plan

Role of the expert-patient

Training educators

ENVIRONMENTAL FACTORS AND ASTHMA

Allergens

Workplace inhalants

Air pollution

Weather conditions (thunderstorms)

Climate change

FOOD ALLERGY

New developments

Management

Role in asthma

Peanut allergy therapeutic approaches



WCA2018

XXIV World Congress of Asthma

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

GINA AND GOLD 2018 UPDATE

New GINA report

New GOLD report

Asthma-COPD overlap report

GINA-GOLD implementation program

MAST CELL ACTIVATION SYNDROME

Pathophysiology

Associated conditions

Diagnostic criteria

Differential diagnosis

Treatment options

NON-INVASIVE AIRWAY INFLAMMATION ASSESSMENT

Induced sputum analysis

Exhaled NO measures

PRECISION MEDICINE

Personalized medicine: How to make it happen

Biomarkers of asthma

Targeting asthma therapy

IL5 versus IgE as a therapeutics target in asthma

- Anti-IgE
- Anti-IL5
- Other cytokines antagonists



XXIV World Congress of Asthma



WCA2018

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

RESPIRATORY INFECTIONS AND ASTHMA

Bacterial infections

Viral infections

Other agents

Influence of vaccination

RISK FACTORS OF ASTHMA

Vitamin deficiency and nutritional factors

Smoking (direct and secondary)

Exposure to bacteria (microbiome)

Genetic factors

SEVERE ASTHMA

Assessment of severe asthma

Management of difficult-to-control asthma

Severe pediatric asthma

New monoclonal antibodies

Thermoplasty update

Can we predict response to therapies

New therapies to come



WCA2018

XXIV World Congress of Asthma

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CALL FOR ABSTRACTS

Call for abstracts

The Scientific Committee welcomes the electronic submission of Abstracts to meet International Ethical Standards for Oral or e-Poster Presentations at the World Congress of Asthma 2018. All submitted abstracts will be evaluated by the Reviewers who deserve the right to propose a different type of presentation than the one selected by the Author. The abstracts will be published on CD-ROM and will be available for download on the WCA-2018 website. If the abstract is accepted, copyright will be held by Interasma.

For more information please contact abstracts@wca-2018.com

REGISTRATION

Categories	Early Bird until July 31, 2018	Medium from August 1, 2018	Late/onsite from Sept 16, 2018
Members	550 €	680 €	750 €
Non Members	650 €	750 €	850 €
Allied Professionals*	400 €	440 €	490 €
Trainees**	350 €	380 €	420 €
Japanese Society Members	400 €	450 €	500 €
Japanese Non Members	450 €	500 €	550 €
Students	0 €	50 €	100 €

Registration for Specialists, Residents and Other Health Professionals includes:

- Access to the Congress scientific sessions
- Access to the Exhibition & Poster area
- Congress bag & documentation
- Lunches (as will be indicated)
- Coffee Breaks
- Welcome & Closing Reception access



XXIV World Congress of Asthma



WCA2018

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

Registration for Students includes:

- Access to the Congress scientific sessions
- Access to the Exhibition & Poster area
- Program at a glance
- Certificate of attendance

* Available for: Allied health professionals such as nurses, physiotherapists, technologists, non clinical scientists undertaking lung-related research, post-graduate, not medically qualified, and not directly involved in patient care.

** Registration fee applies for those under the age of 35. Trainees should provide a letter from their employer/institution.

Cancellation Policy

Cancellations of confirmed registrations are subject to a charge of 75€ per participant, provided the notice of cancellation is received no later than August 15, 2018. No refunds will be made for cancellations received after this date.

Name Change

Replacements (=delegate name change) of confirmed registrations after August 15, 2018 are subject to an administrative fee of 25€ per participant.

**XXIV World Congress of Asthma**

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

PROGRAMME**October 3th**

09:00	Registration	
10:00 - 11:30	Asthma <i>Chairs:</i> Canonica G.W., Adachi M., Fujisawa T. Asthma: General management J. Christian Virchow, Germany Eosinophilic & non-eosinophilic asthma Nelson Rosario, Brazil Patient's expectation on asthma treatment Fulvio Braido, Italy	Asthma plan <i>Chairs:</i> Ansotegui I., Komase Y., Nakamura Y. Asthma education and knowledge translation Louis Philippe Boulet, Canada Shared decision making Yoon-Seok Chang, Korea The choice of anti-IL-5 in asthma Marina Labor, Croatia
11:30 - 12:30	Plenary lectures <i>Chairs:</i> Ho Joo Yoon, Hasegawa Y., Ichinose M. Asthma-COPD overlap: Implication for therapy • Peter Barnes, UK Allergic Rhinitis: Today and tomorrow • Jean Bousquet, France	
12:30 - 12:45	Break	
12:45 - 13:45	Luncheon Seminar	
13:45 - 14:00	Break	
14:00 - 15:00	Asthma exacerbations <i>Chairs:</i> Boulet L.P., Muraki M., Munakata M. Effect of air pollution on allergic rhinitis and asthma Ignacio Ansotegui, Spain Causes and risk factors Hiromasa Inoue, Japan	Asthma treatable traits <i>Chairs:</i> Braido F., Sugiyama H., Tanaka A. Bronchothermoplasty in asthma Michael Wechsler, USA Molecular diagnosis of allergic sensitization in patients with respiratory diseases Mario Sanchez Borges, Venezuela

**XXIV World Congress of Asthma**

WCA2018

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

15:00 - 16:30	<p>Rhinitis and asthma <i>Chairs:</i> An-Soo Jang, Okamoto Y., Hojo M.</p> <p>The ARIA initiative Jean Bousquet, <i>France</i></p> <p>Allergic rhinitis and asthma Shigeharu Fujieda, <i>Japan</i></p> <p>Chronic rhinosinusitis/nasal polyps and asthma G. Walter Canonica, <i>Italy</i></p>	<p>WAO symposium <i>Chairs:</i> DuBuske L., Nagata M., Mochizuki H.</p> <p>PPAR-gamma targeting as modulator of asthma inflammatory responses Igor Kaidashev, <i>Ukraine</i></p> <p>IgE in immunologic disorders and urticaria Mario Sanchez Borges, <i>Venezuela</i></p> <p>WAO initiatives on severe asthma and immunotherapy Ignacio Ansotegui, <i>Spain</i></p>
16:30 - 17:00	Break	
17:00 - 18:30	<p>Immunotherapy update <i>Chairs:</i> Yeong-Ho Rha, Fukushima Y., Urisu A.</p> <p>Immunological mechanism of AIT +/- clinical benefits and risk (both SLIT and SCIT) Moises Calderon, <i>UK</i></p> <p>SLIT in management of HDM allergic rhinitis Yoshitaka Okamoto, <i>Japan</i></p> <p>SLIT in management of HDM allergic asthma J. Christian Virchow, <i>Germany</i></p>	
18:30 - 19:30	<p>Opening ceremony <i>Chairs:</i> Lawrence DuBuske, USA, Ken Ohta, Japan</p> <p>Followed by welcome reception (with light dinner)</p>	



WCA2018

XXIV World Congress of AsthmaOCTOBER 3-6, 2018, Keio Plaza Hotel
Tokyo, Japan**PROGRAMME****October 4th**

08:00 - 09:30	Oral Communication 1 Phenotype/endotype <i>Chairs: Virchow J.C., Suda T.</i>	Oral Communication 2 Biomarkers <i>Chairs: DuBuske L., Matsumoto K.</i>
09:30 - 10:30	Plenary lectures <i>Chairs: Boulet L.P., Sagara H., Nakano Y.</i> Personalized & precision medicine in asthma G.Walter Canonica, Italy Airway remodeling Peter Barnes, UK	
11:00 - 12:30	Environment and the lung <i>Chairs: Kowal K., Adachi Y., Hisada T.</i> Allergens Lawrence DuBuske, USA Occupational allergens Kunio Dobashi, Japan Impact of the lifestyle on asthma Lies Lahousse, Belgium	Asthma & small airways <i>Chairs: Rosario N., Hozawa S., Shoji S.</i> Pathophysiology of small airways alterations in obstructive disease Fulvio Braido, Italy Assessment of small airways dysfunction Pierachille Santus, Italy Relevance of asthma treatment targeting small airways Akio Niimi, Japan
12:30 - 12:45	Break	
12:45 - 13:45	Luncheon Seminar	
13:45 - 14:00	Break	

**XXIV World Congress of Asthma**

WCA2018

OCTOBER 3-6, 2018, Keio Plaza Hotel
Tokyo, Japan**PROGRAMME****October 4th**

14:00 - 15:30	Assessment of airways diseases <i>Chairs:</i> Canonica G.W., Yamashita N., Matsunaga K. Basics for diagnosis J. Christian Virchow , <i>Germany</i> Allergy testing Krzysztof Kowal , <i>Poland</i> Forced oscillation technique Hajime Kurosawa , <i>Japan</i>	Asthma drugs optimal usage <i>Chairs:</i> Santus P., Hirata K., Horiguchi T. ICS/LABA Andras Bikov , <i>UK</i> Anticholinergics Masakazu Ichinose , <i>Japan</i> ICS/LABA/LAMA Ronald Dahl , <i>Denmark</i>
15:30 - 17:00	Pediatric asthma <i>Chairs:</i> Calderon M., Ohshima Y., Odajima H. Treatment of mild to moderate asthma in children Nelson Rosario , <i>Brazil</i> Approach to severe pediatric asthma Gary Wong , <i>China (Hong Kong)</i> Management of exacerbation in children Yuichi Adachi , <i>Japan</i>	Targeting asthma therapy <i>Chairs:</i> DuBuske L., Hoshino T., Kaneko T. Anti-IgE Jean Bousquet , <i>France</i> Eosinophilic inflammation Ronald Dahl , <i>Denmark</i> Targeting non-T2 asthma Peter Barnes , <i>UK</i>
17:00 - 17:30	Break	
17:30 - 19:00	Guidelines update <i>Chairs:</i> Boulet L.P., Arakawa H., Tohda Y. Pediatric asthma 2018 Takao Fujisawa , <i>Japan</i> Adult asthma 2018 Michael Wechsler , <i>USA</i> New classification of allergic diseases Jean Bousquet , <i>France</i>	Asthma in specific population <i>Chairs:</i> Braido F., Katoh M., Kohrogi H. What is safe enough - asthma in pregnancy Marina Labor , <i>Croatia</i> Asthma in the elderly Pierachille Santus , <i>Italy</i> Lessons from real-life research in asthma David Price , <i>Australia</i>
19:00 - 20:00	General assembly	

**XXIV World Congress of Asthma**

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

PROGRAMME**October 5th**

08:00 - 09:00	Oral Communication 3 Severe asthma <i>Chairs: Braido F., Ohno I.</i>	Oral Communication 4 Asthma treatment <i>Chairs: Boulet L.P., Tanimoto Y.</i>
09:00 - 10:30	Plenary lectures <i>Chairs: Canonica GW, Shimojo N., Yamaguchi M.</i> Asthma immunology Lawrence DuBuske, USA New strategy for asthma treatment in the real world (including biologics) David Price, Australia New concepts of immunology - "Regulatory T cells" Shimon Sakaguchi, Japan	
11:00 - 12:30	Diagnosis Section <i>Chairs: Kaidashev I., Ishizuka T., Ishiura Y.</i> 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 <i>Chairs: Boulet L.P., Tokuyama K., Sano Y.</i> Inhalers new technologies Lies Lahousse, Belgium Patients expert Michiko Haida, Japan Patient's engagement Moises Calderon, UK
12:30 - 13:30	Luncheon Seminar	

**XXIV World Congress of Asthma**

WCA2018

OCTOBER 3-6, 2018, Keio Plaza Hotel
Tokyo, Japan**PROGRAMME****October 5th**

13:30 - 15:00	Asthma & infections <i>Chairs:</i> Bikov A., Morikawa A., Matsuse A. Asthma and virus Shigemi Yoshihara, Japan The importance of vaccinations for asthmatics Gary Wong, China (Hong Kong) Small interfering RNA treatments for viral asthma Musa Khaitov, Russia	Severe asthma <i>Chairs:</i> DuBuske L., Yokoyama A., Kobayashi N. Contributing factors to severity Masami Taniguchi, Japan Non-invasive methods of assessing asthma endotypes Krzysztof Kowal, Poland Targeting eosinophils via IL-5 Louis Philippe Boulet, Canada
15:30 - 17:00	Contributing factors for asthma <i>Chairs:</i> Boulet L.P., Tagaya E., Suzukawa M. Genetic factors Nobuyuki Hizawa, Japan Inflammatory cytokine network in obese asthmatics Igor Kaidashev, Ukraine Asthma COPD overlap Tsutomu Tamada, Japan	Special Lecture-1 (15:30 - 16:15) <i>Chairs:</i> Miyazaki Y., Kumanogo J. Allergic bronchopulmonary aspergillosis (ABPA) Ritesh Agarwal, India Special Lecture-2 (16:15 - 17:00) <i>Chairs:</i> Taniguchi M., Sagara H. N-ERD as a heterogenous asthma phenotype Marek Kowalski, Poland
17:00 - 17:30	Break	
17:30 - 19:00	New deal in asthma <i>Chairs:</i> Cho SH, Bisyuk Y., Mori A. Group 2 innate lymphoid cells and asthma Kazuyo Moro, Japan The impact of allergen immunotherapy in allergic asthma Musa Khaitov, Russia Influence of global warming on allergy and respiratory diseases Nelson Rosario, Brazil	17:30 - 18:15 Poster session 1 P01 to P17 18:15 - 19:10 Poster session 2 P18 to P35
19:00	Presidential Dinner	

**XXIV World Congress of Asthma**

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

PROGRAMME**October 6th**

08:00 - 09:00	Oral Communication 5 Pathophysiology of asthma <i>Chairs: Canonica G.W., Nakagome K.</i>	Oral Communication 6 Miscellaneous <i>Chairs: Rosario N., Iikura M.</i>
09:00 - 10:30	Plenary lectures <i>Chairs: DuBuske L., Taniguchi M., Ohta K.</i> Severe refractory asthma Joshua Boyce, USA New concepts of immunology and cell biology - "Autophagy" Noboru Mizushima, Japan World incidence, prevalence and burden of asthma Louis Philippe Boulet, Canada	
11:00 - 12:30	Asthma: Prevention and management <i>Chairs: Khaitov M., Hattori N., Kohyama T.</i> The role of anti-endotoxin immunity in asthma pathophysiology Yuriy Bisjuk, Ukraine Long-term management Nelson Rosario, Brazil Prevention of airway remodeling Andras Bikov, UK	Asthma treatment <i>Chairs: Boulet L.P., Iwamoto H., Kanehiro A.</i> Clinical control Ken Ohta, Japan Precision medicine and biomarkers David Price, Australia New therapy for intractable asthma Joshua Boyce, USA
12:30 - 12:45	Break	
12:45 - 13:45	Luncheon Seminar	



XXIV World Congress of Asthma



WCA2018

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

PROGRAMME

October 6th

13:45 - 14:30

Poster session 3
P36 to P51

14:30 - 16:00

Asthma clustering

Chairs: DuBuske L., Nagase H.,
Matsumoto H.

Genetic polymorphism in
asthma

Yuriy Bisyuk, *Ukraine*

Cluster analysis of asthma
phenotypes

Koichi Fukunaga, *Japan*

AERD

Joshua Boyce, *USA*

INES network

Chairs: Santus P., Canonica G.W.

The network

Fulvio Braido, *Italy*

Published review paper

Marina Labor, *Croatia*

Published survey paper

Andras Bikov, *UK*

16:00 - 16:30

Closing Ceremony



WCA2018

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GENERAL INFORMATION

Congress Venue

Keio Plaza Hotel 2-2-1 Nishi-Shinjuku, Shinjuku-Ku, Tokyo 160-8330 Japan

Climate

Fall (autumn) in Japan lasts from about mid-September to early December, depending on the location. Autumn is widely considered to be the most pleasant time (weather-wise) to visit Japan, with temperatures ranging from 12-18°C approximately.

Dress Code

The dress code will be Semiformal throughout the Congress.

Currency

The currency in Japan is yen, denoted by ¥. Coins come in denominations of ¥1, ¥5, ¥10, ¥50, ¥100, and ¥500.

Language

The official language of the Congress is English.

Local Time

The time zone in Tokyo is JST (Japan Standard Time) UTC/GMT +9 hours.

Visa

Any foreign visitor who wishes to enter Japan must have a passport, which will remain valid during the period of stay. In order to enter Japan, visitors usually must comply with the conditions of their visas and authorizations of resident eligibility. However, visa exemptions can be made for citizens of sixty-six different countries provided that their stays are within ninety days such as with stays for sightseeing purposes and that they do not engage in activities where they earn compensation. This page provides information on short stays. Revisions in visa conditions are made periodically. Therefore, please check the "Visa" section in the Ministry of Foreign Affairs of Japan website if the latest and detailed information on standard visas or visas other than for those for short stay programs is needed.

Travel and Health Insurance

It is strongly recommended that all participants purchase adequate coverage for health, travel and private liability insurance before departing from their home countries. The Organizers will not accept responsibility for personal injury, loss or damage to private, personal property of participants, accompanying persons and exhibitors.



XXIV World Congress of Asthma



WCA2018

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About Tokyo

Tokyo, a metropolis like no other, offers you unique and inspiring moment by the marvelous mixture of traditional and contemporary attractions.

The most popular historical place is Asakusa's Sensoji Temple and Nakamise Road, a colourful street of festive stalls, which are always bustling with local worshippers and tourists alike. Many UNESCO Intangible Cultural Heritage productions in the world-famous arts of Kabuki, Bunraku, and Noh are offered at various theatres. Visitors can also observe and practice the Zen-inspired tea ceremony, as well as Ikebana, an elegant traditional form of flower arrangement.

At the same time, Tokyo is a growing megalopolis bursting with ideas and innovation. Throughout the city are examples of ultra-modern and glass-walled skyscrapers, like the magnificent Tokyo Metropolitan Government building near Shinjuku Station. The sights and sounds of Western music and youth culture keep Shibuya constantly vibrant, and the bustle of modern business means things are never slow in the Shinagawa area. The Ginza and Yurakucho areas are the heart of big business and gorgeous architecture. The Omotesando Hills complex (designed by Tadao Ando), Tokyo Midtown, Shiodome skyscrapers, and the TOKYO SKYTREE are all symbolic of Japan's ever-furthering venture for modernity.

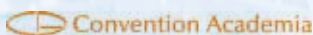
Autumn in Tokyo is one of the most pleasant seasons, as temperatures are neither too cold nor too hot, and you often are treated to fine days with clear skies*. Chrysanthemums, the national flower, bloom to create beautiful displays of abundant flora that enchant visitors.

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