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New York Blue Light Symposium

DATE June 26-27, 2015 (Fri-Sat)

VENUE New York Marriott Marquis, NY, USA

CHAIR Kazuo Tsubota, MD, PhD (Keio Univ.)



New York Blue Light Symposium

Conference Secretariat

New York Blue Light Symposium

2-26-35 8F, Minamiaoyama, Minato-ku, Tokyo 107-0062, Japan

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Welcome Message



It is my great pleasure to announce that New York Blue Light Symposium will be held in New York from Friday, June 26 to Saturday, June 27, 2015.

With the advent of efficient LED lighting, electronic devices, and an increase in late-night working hours, humans are now exposed to more artificial light than they have ever been before. There is thus an increasing need to discuss and address issues surrounding the effects of artificial lights (particularly LEDs) on the human body.

Studies have shown that exposure to blue light emitted from LED devices at night have an adverse effect on melatonin levels and disrupt the circadian rhythm and metabolism. Disruption of the circadian rhythm can lead to diabetes and cancer. As an ophthalmologist, this has made me rethink my understanding of the eye, which I now consider to function not only as the body's camera but also as its clock.

Ophthalmologists, sleep specialists, and researchers are expected to attend. The symposium aims to act as a venue to discuss the latest studies on the effects of blue light and exchange information surrounding this field of research. It's an excellent opportunity for scientists, clinicians and other professionals to discuss and learn about the many aspects of blue light and its effect on the human body.

I look forward to seeing you in New York.

Kazuo Tsubota

Chair, New York Blue Light Symposium
President, International Blue Light Symposium
Professor, Dept. Ophthalmology, Keio University School of Medicine

Program

Day 1

June 26th (Fri)

3:30-4:00 pm

Venue Opens for Participants

4:00-4:40 pm

Opening Lecture

Blue light matters: The eye is a camera and a clock

(Lecture: 35 mins, Q&A: 5 mins)

Kazuo Tsubota (Keio University, Japan)

4:40-5:20 pm

Keynote Address

AMA report: Adverse health effects of nighttime lighting

(Lecture: 35 mins, Q&A: 5 mins)

Richard G. Stevens (UConn Health Center, USA)

5:30-7:30 pm

Welcome Reception

* Free for Participants

Program

Day 2

June 27th (Sat)

12:30-1:00 pm

Presidential Lecture

Blue light update

(Lecture: 25 mins, Q&A: 5 mins)

Kazuo Tsubota (Keio University, Japan)

1:00-2:35 pm

Symposium 1

Circadian rhythm: Sleep disorders and health problems

Moderator:

Claude Gronfier (Stem-cell and Brain Research Institute, France)

1:00-1:35 pm

Non-visual effects of light: implications for human health

(Lecture: 30 mins, Q&A: 5 mins)

Claude Gronfier (Stem-cell and Brain Research Institute, France)

1:35-2:10 pm

Effects of light on circadian regulation of melatonin and its consequences for human cancer signaling, metabolism and growth progression

(Lecture: 30 mins, Q&A: 5 mins)

David E. Blask (Tulane University, USA)

2:10-2:35 pm

LEDMOTIVE: Multiwavelength light sources and spectral selection tools to foster research in biology, neuroscience and blue-light-related phenomena

(Lecture: 20 mins, Q&A: 5 mins)

Josep Carreras (Catalonia Institute for Energy Research, Spain)

2:35-2:55 pm

Break / Poster viewing

2:55-4:05 pm

Symposium 2

Photo toxicity: Retinal damage caused by light -new insights-

Moderator:

Kazuo Tsubota (Keio University, Japan)

2:55-3:30 pm

Retinal photo-damage and the underlying mechanisms

(Lecture: 30 mins, Q&A: 5 mins)

Yoko Ozawa (Keio University, Japan)

3:30-4:05 pm

Thin-film optical notch filters for the treatment of migraine and photophobia

(Lecture: 30 mins, Q&A: 5 mins)

Bradley J. Katz (The University of Utah, USA)

4:05-4:25 pm

Break / Poster viewing

4:25-5:35 pm

Symposium 3

Eye strain and the light

Moderator:

Joshua A. Young (NYU Langone, USA)

4:25-5:00 pm

New theory of dry eye related to light

(Lecture: 30 mins, Q&A: 5 mins)

Kazuo Tsubota (Keio University, Japan)

5:00-5:35 pm

Computer usage, eye strain and eye protection

(Lecture: 30 mins, Q&A: 5 mins)

Jonathan B. Kahn (NYU Langone, USA)

5:35-5:55 pm

Discussion and Q&A

5:55-6:00 pm

Closing Remarks

Claude Gronfier (Stem-cell and Brain Research Institute, France)

Registration

Early-Registration (until June 10, 2015)	Standard and On-site Registration (After June 10, 2015)	Medical Residents in Training or Students
\$ 50	\$ 80	\$ 20

* Note: Charges will be in Japanese yen, converted to USD by your credit card issuer.

Registration fee includes:

Participation in all sessions
Program & Abstract Book
Welcome reception (June 26, 2015)

Payment Method

Paying by Credit Card

All online payments must be by credit card, in Japanese yen. No other type of payment will be accepted. We accept American Express, Visa, MasterCard, Diners Club and JCB credit cards. Credit cards may also be used for on-site payment.

Note: Billing and payment currency shall be based on the cardholder's agreement with the card issuer. Currency conversion may result in differences between the amount charged to your account and the amount billed.

Paying in Cash (On-site only)

Cash payments in US currency will only be accepted on-site.

Cancellation Policy

Registration is non-refundable.

Hotel Information



1535 Broadway New York, New York 10036 USA
(between 45th and 46th street)
Phone: +1-212-398-1900

Lobby Access:

The first floor of Marriott Marquis is equipped with the Smart Elevator system. Upon entering, find the silver panel on the wall and punch in "8" (the lobby and meeting venue is on the 8th floor). The screen will direct you to a particular elevator. Riding the designated elevator will bring you to the lobby.

