



# **2019 ANNUAL REPORT**

December 2019

Brewery Convention of Japan (BCOJ)



**Brewery Convention of Japan**

2-8-18, KYOBASHI, CHUO-KU, TOKYO 104-0031 JAPAN

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# 2019 Annual Report of the Board Committee

December, 2019

The President of BCOJ

Yuji Idota

## 1. Board Members and Mission of BCOJ

### (1) BCOJ Board Members in 2019

President:	Yuji Idota	(Kirin Company, Limited)	
Directors:	Seisuke Takaoka	(SUNTORY BEER LIMITED)	<i>until Sep.,2019</i>
	Shingo Kawasaki	(SUNTORY BEER LIMITED)	<i>from Sep.,2019</i>
	Kazuhiko Uemura	(ASAHI BREWERIES, LTD.)	
	Fumito Ishida	(SAPPORO BREWERIES LTD.)	
	Masaru Shimabukuro	(ORION BREWERIES, LTD.)	
Analysis Committee Chair:	Koji Suzuki	(ASAHI GROUP HOLDINGS, LTD.)	
Program Committee Chair:	Takeshi Kumagai	(SUNTORY BEER LIMITED)	
Brewers Association of Japan:	Takeshi Itagaki	(BAJ, official member)	
	Tetsuya Saito	(BAJ, official member)	<i>until Oct.,2019</i>
	Hiroshi Kubota	(BAJ, official member)	
	Makoto Taruoka	(BAJ, official member)	
	Hiroyuki Yoshimoto	(BAJ, official member)	<i>from Oct.,2019</i>
Secretariat:	Hiroyuki Yoshimoto	(Kirin Holdings Company, Limited)	<i>until Sep.,2019</i>
	Toshihiko Hori	(Kirin Holdings Company, Limited)	<i>from Oct.,2019</i>

### (2) The Objectives of the BCOJ

- ① To standardize analytical methods for the evaluation of materials and products adopted in beer brewing and other related industries.
- ② To facilitate scientific and technological research through mutual communication among beer brewing industry specialists.
- ③ To work in collaboration with other foreign and domestic organizations with shared objectives. The meetings of the Board Committee, Analysis Committee, Program Committee, and the Annual Meeting of the BCOJ were held to execute the mission of the BCOJ.

## 2. Science and Technology Exchange with the European Brewery Convention (EBC) and American Society of Brewing Chemists (ASBC)

### (1) Participation in the EBC 2019

The members of the BCOJ board participated in the 37<sup>th</sup> EBC held in Antwerp, Belgium from June 2 to 5, 2019 to promote technology exchanges with other participants. During the conference, Japanese beer was donated and served to delegates. In addition, a social gathering hosted by the BCOJ was held to deepen technical exchange among participants.



BCOJ social gathering by EBC participants

### (2) Participation in the ASBC 2019

The members of the BCOJ board participated in the ASBC held in New Orleans, USA from June 24 to 26, 2019, to promote technology exchanges with other participants and the ASBC board members. During the conference, Japanese beer was donated and served to delegates. The BCOJ members were invited to the reception party held by the ASBC president, and networks among delegates were established. In addition, a social gathering hosted by the BCOJ was held to deepen technical exchange among participants.



Reception with ASBC board members



BCOJ social gathering by ASBC participants

**(3) Participation in the 12th International Conference on Beer and Beverage Technology in China**

The BCOJ board was invited to the 12<sup>th</sup> International Conference on Beer and Beverage Technology held in Jinan, China on November 10-12, 2019. The BCOJ board members participated for the purpose of grasping the present state of the technology of the Chinese Brewing, and was able to obtain information on not only technology but also marketing situation in China.



Participation in China International Conference

**3. BCOJ Annual Meeting**

From November 14 to 15, the 2019 BCOJ Annual Meeting was held at Seiryō Kaikan (Tokyo). Total 318 participants from five major Japanese breweries and related companies or ministries participated in the conference. Participants exchanged views on many beer-related issues including the development of attractive products, improvements in taste, and securing food safety.

Mr. Scott Britton (the president of ASBC), Mr. Robert Christiansen (the next president of ASBC), and Dr. Xiang Yin (ASBC Asia Liaison Officer), were invited to the conference. The presentation of “Secondary Fermentation/The Forgotten Fountain of Youth” given by the ASBC president, was well-received by the audience. At the BCOJ Contribution Award Ceremony, a gift of shields and flowers was presented to Dr. Junji Watari, SAPPORO HOLDINGS LTD. As the Guest Lecture, Mr. Mitsuru Izumo, CEO of Euglena Co., Ltd. gave a lecture entitled “I decided to save the world with Euglena”.



BCOJ Annual Meeting Chairman's Presentation



BCOJ Contribution Award Ceremony

#### 4. Board Meetings

- 1<sup>st</sup> meeting: Apr., 2019 at Sapporo Beer Hokkaido Factory, Sapporo Breweries Ltd., Hokkaido  
 Agenda: Planning for EBC and ASBC participation  
 Election of the 2019 BCOJ Contribution Award recipient
- 2<sup>nd</sup> meeting: Sep., 2019 at Moji Factory, Nikka Whisky Distilling Co., Ltd., Kyushu  
 Agenda: EBC and ASBC participation report  
 Participation in international conference in China
- 3<sup>rd</sup> meeting: Nov., 2019 at Seiryō-Kaikan, Tokyo  
 Agenda: Report on China Conference  
 Schedule of the 2019 BCOJ Annual Meeting  
 BCOJ activities from the next year  
 Next year's budget
- 4<sup>th</sup> meeting: Dec., 2019 at Brewers Association of Japan, Tokyo  
 Agenda: Retrospection over 2019 activities  
 Schedule for 2020 activities  
 Establish budget for next year



Technical tour in Hokkaido Shoyu Company



Tasting of Shochu

Completed by Toshihiko Hori and Hiroyuki Yoshimoto

# 2019 Annual Report of BCOJ Analysis Committee

December 2018

Chairperson: Koji Suzuki

Vice-Chairperson: Takayuki Watanabe

The term for the annual activities of BCOJ Analysis Committee in 2019 was from January to December. The committee had eight meetings. The following individuals were the members of the committee.

## Chairperson

Koji Suzuki (Asahi Quality and Innovations, Ltd.)

## Vice-Chairperson

Takayuki Watanabe (Sapporo Holdings Ltd.)

## Members

Toshiaki Aikawa (Asahi Breweries, Ltd.)

Yoshikata Azuma (Orion Breweries, Ltd.)

Kenya Morita (Sapporo Holdings Ltd.) (– March. 2019)

Takashi Kamiya(Sapporo Holdings Ltd.) (April. 2019 –)

Miho Sawada (Suntory Beer Limited) (–July. 2019)

Mariko Ishimaru (Suntory Beer Limited) (July. 2019 –)

Masahito Muro (Kirin Company, Limited)

Tetsuya Saito (BAJ, official member) (–October. 2019)

Makoto Taruoka (BAJ, official member)

Hiroshi Kubota (BAJ, official member)

Hiroyuki Yoshimoto (BAJ, official member) (October. 2019–)

## 1. The BCOJ Collaborative Work

BCOJ worked on “Analytical method for hop aroma compounds by SPME-GC/MS” which is the second year activity continuing from 2018. A small collaborative trial has been conducted, involving five laboratories. We are going to move on to a full collaborative work after overcoming vial cap sealability problem. Furthermore we are preparing for a prospective BCOJ collaborative work “Alcohol measurement in RTD by Alcozyzer”. The single laboratory validation by Kirin has started and the negotiations with National Tax Agency Japan are underway.

## 2. BCOJ Technical Seminar

BCOJ Technical Seminar was held on September 27. There were ca 30 participants from the member companies of BCOJ (BAJ).

Title: “How should the food industry convey safety information to the consumers?

- from the perspective of mass media - ”

Lecturer: Ms. Eiko Nakano, the journalist from Nikkei Inc. (Newspaper company).

## 3. International Activities

### (1) ASBC Technical Committee

The chairperson, vice-chairperson of BCOJ Analysis Committee and an official member of BAJ were delegated to attend the ASBC Technical Committee meeting held in New Orleans, LA, USA, on June 22,



2019. The chairperson of BCOJ Analysis Committee shared the BCOJ activities with members of ASBC Technical Committee.

(2) EBC Analysis Group

The chairperson and vice-chairperson of BCOJ Analysis Committee were delegated to attend the EBC Analysis Group meeting held in Antwerp, Belgium, on June 1-2, 2019. The chairperson of BCOJ Analysis Committee shared the BCOJ activities with members of EBC Analysis Group.

(3) EBC Collaborative Work

Four BCOJ member laboratories participated in collaborative work concerning "Bitter compounds in beer". The relative repeatability standard deviation (RSD<sub>r</sub>) and relative reproducibility standard deviation (RSD<sub>R</sub>) were both judged acceptable for iso-alpha-acid and humulinone. The EBC Analysis Group recommended that this method be adopted as an international method.

#### 4. Publication Works

(1) Takayuki Watanabe, Poster Presentation(P-58) at 2019 ASBC Annual Meeting

Title; Simultaneous Determination of Hop Aroma Compounds in Beer Using SPME-GC/MS

(2) Alcohol Concentration Analysis in Yeast Slurries and Samples During Fermentation by AlcoLyzer: Report of 2017 – 2018 BCOJ Collaborative Work.

*Journal of American Society of Brewing Chemists*, 77, 71 -75 (2019).

(3) The method mentioned above was adopted for inclusion in the *Method of Analysis of BCOJ*, and was published in the *Journal of Brewing Society of Japan*, 114, 275- 276 (2019).

(4) The activities of BCOJ Analysis Committee from 2018 to 2019 were presented by the chairperson of BCOJ Analysis Committee at the BCOJ annual meeting in November 2019.

#### 5. BCOJ Analysis Committee Middle Term Plan

BCOJ Analysis Committee is working under the Middle Term Plan from 2019 to 2023. We continue to explore new collaborative area for BCOJ member companies.

(By Takayuki Watanabe)

# 2019 Annual Report of BCOJ Program Committee

December 2019

Chairperson: Takeshi Kumagai

## 1. Member

The following individuals were the members of the 2019 Program Committee.

Chairperson:	Takeshi Kumagai	(SUNTORY BEER LIMITED)
Vice-chairperson:	Takahiro Wakihira	(Asahi Breweries, Limited)
Member:	Kei Asada	(SAPPORO BREWERIES LTD.)
	Hitoshi Takemura	(Kirin Holdings Co., Limited)
Brewers Association of Japan:	Tetsuya Saito	until October
	Makoto Taruoka	
	Hiroshi Kubota	
	Hiroyuki Yoshimoto	from October

## 2. Objectives of Program Committee

Program committee take a role to achieve especially 2nd and 3rd goals of BCOJ through the planning and implementation of the BCOJ annual meeting.

## 3. Activities

The Program Committee in 2019 held five regular meetings and two extraordinary meetings for planning and implementation of the 29<sup>th</sup> Annual Meeting of the BCOJ (BCOJ 2019). BCOJ 2019 was held on November 14<sup>th</sup> and 15<sup>th</sup>. There were about 318 people attending this meeting. In this meeting we had 8 oral presentations and 23 poster presentations. Mr. Scott Britton (the president of ASBC), were invited to the conference and gave a lecture for us about “secondary refermentation”. Also, we have invited Mr. Mitsuru Izumo (CEO of euglena Co., Ltd.) and he presented an invited lecture. It was well-received by the audience.

## 4. Program Committee Meetings

(1) Regular Session 1 (Jan. 24<sup>th</sup>, at Kirin, Sendai Brewery)

-The outline of BCOJ 2019 was discussed.

(2) Regular Session 2 (Mar. 18<sup>th</sup>, at Sapporo, Kyushu-Hita Brewery)

- Draft of the BCOJ 2019 program including the time schedule for presentations was determined.
- (3) Extraordinary Session 1 (Apr. 25<sup>th</sup>, at the University of Tokyo)
- Discussion about the JST-Mirai program with Prof. Dr. Tohara
- (4) Regular Session 3 (July 12<sup>th</sup>, at Orion, Nago Brewery)
- The detailed program of BCOJ 2019 was decided and the necessary works for its preparation such as issue of abstract were confirmed.
- (5) Extraordinary Session 2 (Aug. 29<sup>th</sup>, at BAJ)
- The detailed program of BCOJ 2019 was discussed.
- (6) Regular Session 4 (Oct. 3<sup>rd</sup>, at Seiryō Kaikan)
- Final confirmation of the BCOJ 2019 was arranged on-site.
- (7) Advance preparations for BCOJ Annual Meeting 2019 (Nov. 13<sup>th</sup>, at Seiryō Kaikan)
- (8) BCOJ Annual Meeting 2019 (Nov. 14-15<sup>th</sup>, at Seiryō Kaikan)
- (9) Regular Session 5 (Nov. 29<sup>th</sup>, at Suntory, Kyoto Brewery)
- The result of the questionnaire on BCOJ 2019 was discussed for next year.

*Completed by Takeshi Kumagai*