



KNAPS, Republic of KOREA,

Student Exchange Booklet 2021-2022



International
Pharmaceutical
Students' Federation



KNAPS
Korean National Association for Pharmaceutical Students

Table of Contents

About KNAPS	4
About Korea What Makes KOREA Great?	5
Pharmaceutical	7
Attractions	9
Pharmacy School in Korea & Curriculum	20
SEP in KNAPS Visiting Programme	22
Testimonials of Visiting Programme	25
SEP in KNAPS Research Programme	26
Testimonials of Research Programme	27
How to join KNAPS SEP	31

About KNAPS



- Website

www.knaps.or.kr

- Facebook

www.facebook.com/knapsipsf

- Instagram

www.instagram.com/knaps_korea_official

www.instagram.com/sep.korea

KNAPS (Korean National Association for Pharmaceutical students) is a non-governmental, non-religious, non-political organization representing students and recent graduates from 35 universities. Founded and approved as a full member in 2007, our association has now grown to 2024 members in total.



KNAPS consists of 12 elected executive members and 9 subcommittees who are united in a shared commitment to achieve main goals in 3 different areas: professional development, public health, and student network.



KNAPS has been involved in IPSF in various ways such as participating in public health campaigns and hosting profession related events like patient counseling events, compounding events, etc. Furthermore, KNAPS sends a number of delegations every year to various international congresses, and successfully held IPSF World Congress 2021 in the summer of 2021.

National Congress, K Pharm Leaders' Camp (KPLC), Medical Awareness Campaign (MAC), Patient Counseling Event and Christmas party are held annually, which bring students from the whole country together. KNAPS also implements a variety of workshops, pharmaceutical symposiums and several sessions to promote KNAPS and IPSF/APRO. You can visit our website, Facebook and Instagram for more information.



About Korea



South Korea

弘益人間, Benefit broadly the human world

51 million Population

27th most populous country on earth

9 Provinces

Capital Seoul

Currency Won (KRW, ₩)

Languages Korean

Asia

Republic of Korea is a country visited by approximately ten million international travelers every year. With its long history in culture and tradition, the country has a lot to offer to travelers

About Korea

What Makes KOREA Great?

- Seoul Never Sleeps

"We are Seoulite who light up soul of Seoul"

Seoul, the capital city of South Korea, has both traditional and modern beauty in harmony. When the capital city's residents need a break, there's a host of options open to them. Seoul is bursting with cultural events, a buzzing nightlife and lively eating spots. Throughout its history of occupation and war, South Korea has held fast to its traditions and taken pride in its culture. A tourist can witness a festival or performance on any given day. From the annual cherry blossom festival to musical performances with the country's traditional garb, hanbok, Seoul balances both tradition and an embrace of encroaching western influences. Shopping malls in special places are open 24/7 so you can shop whenever the urge strikes in Korea. The heart of this shopping explosion is Dong-daemun, a district of Seoul which houses 37 shopping centers, 35,000 shops, and 100,000 people working in the industry, even at 3AM. The shops are open from 10:30AM to 5AM the next day, meaning there's always someone striding through the marble-edged hallways with a credit card to burn.



- Public Transportation System

In Korea, you can see the most advanced public transportation system. The subway, which is woven in a complex like a spider's web, has 10 lines and 330 stations in Seoul and its surrounding areas, making it easy to go anywhere. It has high levels of cleanliness and composure, as well as totally comprehensive coverage that is surprisingly intuitive. You'll figure the whole thing out in a week. The entire edge of the tracks in many stations are walled off with glass so nobody can fall in, which just makes the whole thing feel more like it's from the future. South Korea has adopted a system that uses a transportation card on public transportation, allowing one to use all the city

buses, taxis and subways in the country. In particular, it is common to use public transportation due to the advantage that it can be used without additional fee when transferring if you use transportation card.

- Hallyu

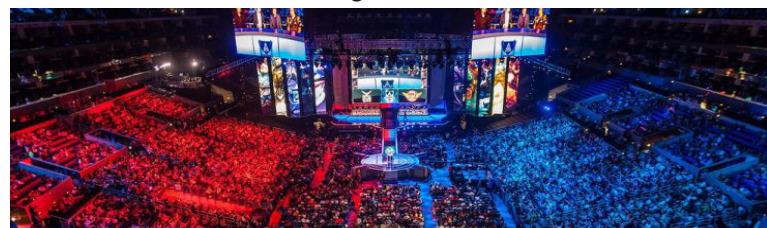
The word "Hallyu", also known as the Korean wave, is a new word that emerged in the 1990s as the influence of Korean culture grew rapidly in other countries. The Korean culture that corresponds to the Korean Wave is E-sports and K-drama.

1) <Squid Game>

The Netflix original series <Squid Game> has ranked first on Netflix's global chart for 29 days after its release on September 17, 2021, and on October 1, it set a record to occupy the first place in all 83 countries where Netflix is served. Traditional Korean children's play, which is used as a survival game in <Squid Game>, is popular through SNS, and the costumes worn by the characters are also gaining popularity in many countries.

2) E-sports

E-sports has completely established itself as the mainstream culture of millennials and Generation Z. They enjoy E-sports games through internet broadcasting or SNS platforms. Rather than the Olympics held every four years, there are many people who stay up all night looking forward to the finals of the League of Legends World Championship (LoL). Especially, audiences cheer for LoL pro gamer Faker (Lee Sang-hyeok)'s fantastic mouse movement and creative strategy. "PC bang" culture in Korea may be contributing to the development of E-sports. It was originally used to be an entertainment space where you can simply enjoy playing online games with friends, but it has recently been transformed into a complex cultural space such as a restaurant and cafe offering various cuisines.



About Korea

Pharmaceutical

- Pharmaceutical Production and Management

Equipped with advanced production and quality management capacities, Korean pharmaceutical manufacturers are producing high quality pharmaceutical products. As regulatory and quality management systems for drugs have improved with the sincere efforts of regulatory and private agencies, Korean drugs are now receiving great confidence as quality drugs not only from countries in Southeast Asia, Central and South America, but also from those in Europe and the U.S.. Furthermore, domestically as one of the representative healthcare system, Drug Utilization Review (DUR) is implemented to prevent inappropriate use of drugs. DUR aims to protect the public health by checking prescriptions, reducing unnecessary medical expenses, and preventing medication incidents. DUR, which benchmarked the US DUR, has been in effect since April 2008. To explain in detail, if a patient sees several different doctors, the pharmacist may not know what medicine patient is taking which can lead to the exposure to the side effects of the drug. DUR can provide pharmacists with information on drug safety organized into 10 criterias, including concomitant contraindications in real time to check for improper drug use in advance. As of 2019, the participation rate of medical intuitions for DUR reached 99.8%.

- Development of new drugs

Since the development of Korea's first drug product "Sunpla Injection (cancer treatment)" in 1999, 29 new drugs have been developed in Korea as of March, 2018. Furthermore, there are close to 20 drug products that have established a foothold in major global pharmaceutical markets including the U.S. and Europe. The Korean pharmaceutical industry continues to expand its investment in R&D each year to boost the development of new medicines. Korean pharmaceutical companies have more than 900 new medicines currently in the pipeline and this number accounts for 4% of the total pipelines in the world.

- Biopharmaceuticals

Korea is rising as a global biopharmaceutical power based on its outstanding biotechnology infrastructure, advanced clinical study, and world-class IT technology. Currently, 4 out of the 8 globally commercialized stem cell therapy products were developed in Korea. Korea's Hearticellgram-AMI (Pharmicell) is the world's first stem-cell therapy product to gain approval for marketing.





About Korea

Attractions, Seoul

- Hangang Park

The Han River, which crosses the center of Seoul, is a representative river in Seoul. It is a relaxing place to take a rest, a place to date, and a cultural rest place to have fun with friends. There are lots of parks built along the Han River in several areas. So, you can ride your bike to the park and see a beautiful view of the Han River. Enjoy busking performances and take pictures at various photo spots.



- Cheonggyecheon

Cheonggyecheon is the ecological stream from Gwanghwamun to Dongdaemun. It is a resting place and a walking place for people. Various events such as lighting ceremonies and marketplaces are frequently held, so it's worth visiting for travelers.

- Gyeongbokgung Palace

It is the first palace in the Joseon dynasty, and is the largest and most magnificent of the five remaining palaces in Seoul. You can look deep into the culture of the Joseon royal family and the architecture of that dynasty.



About Korea

Attractions, Seoul

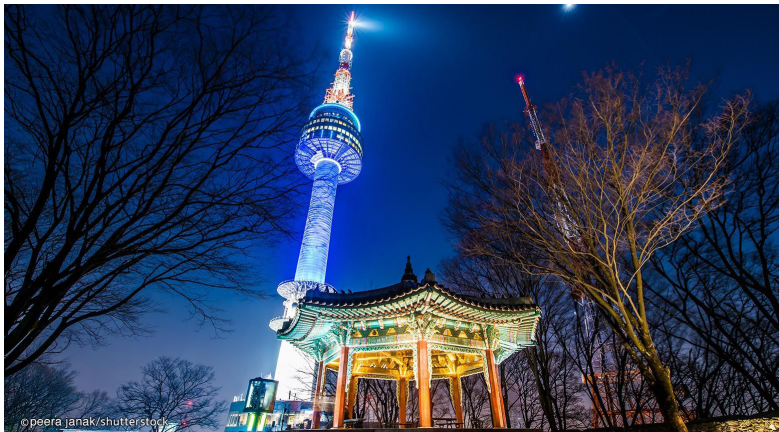


- Insadong

The maze-like Insadong street is a representative street of Korean traditional culture. This is a precious space where old but valuable traditional objects exist in the center of a city. This place has galleries, traditional crafts shops, tea houses, restaurants and cafes.

- Lotte World Adventure & Lotte World tower

Lotte World Adventure is Korea's representative theme park featuring various attractions that provide you the new and pleasant experiences. Lotte World Tower with 123 floors and 555m height is the world's 5th tallest building. The Seoul Sky Observatory is located at the top of the Lotte World Tower and is the place where you can take in a gorgeous 360° view of Seoul.



- Namsan Seoul Tower

Located in the center of Seoul, Namsan Mountain is one of the most popular night-viewing spots. In particular, it is attractive to see the panoramic view of Seoul along the Namsan trail. You can use a cable car, and there are locks of love at the Namsan Seoul Tower observatory in Seoul, making it a perfect place to date for couples.

About Korea

Attractions, Seoul

- Gangnam station

This is Seoul's busiest area and the best place to get a real inside look at modern Korea. And this is a crucial transfer point between two subway lines and buses to all parts of Seoul. The entire area is densely packed with companies, restaurants, cafes, bars, clubs and fashion stores.



- Seongsu and Seoul Forest

Seongsu is a popular neighborhood among young Koreans in recent years. Seongsu used to be an area lined with small factories. But nowadays, an array of cafes and restaurants placed in repurposed factories and old residential buildings make this place special. Most notable attraction in Seongsu is Seoul Forest which is a beautiful public park and great place to walk and spend time away from touristy areas for an afternoon.

- The War Memorial of Korea

Memorial museum is filled with poignant exhibits, war memorabilia, art works, and military equipment that make this a perfect place to learn about Korea's history of war, most notably with North Korea. If you want to know more about the division of Korea, don't hesitate to visit. There is also a recorded guide headset at the entrance for you to pick up and listen while strolling around.



About Korea

Attractions, Busan



- Gwangan bridge

Gwangan bridge stretches over 7.4km from Suyeong-gu to Haeundae-gu and is the longest bi-level bridge over the ocean in Korea. In addition to providing a quick way to get around, the bridge offers breathtaking views. Equipped with thousands of LED lights, the bridge showcases a beautiful lighting exhibition at night that changes with the seasons.

- Haedong Yonggung Temple

Haedong Yonggung Temple is situated near the sea, unlike other temples in mountains. Waves of the blue sea are slashing the rocks right under where you can see spectacular sunrise popular with tourists. And while you enjoy this slashing sound and the sunset, you will forget about yourselves and be absorbed into the world of wonder.



- Jagalchi market

Jagalchi market is one of the best when it comes to live fish markets. Every type of creature that lives in the sea whether they are large and strong or short and slim can be found here. It might make you feel like you are in an aquarium where the sea breathes in and out for 24 hours. You can pick out what you would like to taste by pointing at the water tanks filled with fresh seafoods. If you want to try best raw fish in Busan, visit Jagalchi market!

About Korea

Attractions, Busan

- Haeundae Beach & Marine City

Haeundae Beach is a sea shore located in Busan and is often considered one of the most famous and beautiful beaches in Korea. You can walk on a sandy beach looking at the wide sea and can take beautiful pictures. Also, it is the place where many festivals are held. Especially, every fall, the Busan International Film Festival which is the largest film festival in Asia is held in the cinema center of Haeundae Centum City.



- Gamcheon Cultural Village

The story of this village begins with the difficult life of the refugees of the war of 6.25 (also known as the Korean War) and still retains a trace of the history of the people of Busan. It has a nickname "Korean Santorini Island" because of its hills neatly lined with terraced, pastel-tone houses.

- International Market

Busan International Market is the representative traditional market located in Busan. During the Korean War, the market flourished by distributing foreign goods, and it is now keeping its tradition and forming a huge commercial supremacy. There is everything but the kitchen sink! Many travelers visit to eat various foods such as Bibimbangmyeon and Yubu pocket and to see lots of attractions.



About Korea

Attractions, Gyeongju



- Bulguksa Temple & Seokguram

They are ancient Buddhist relics dating back to the Silla Dynasty. Seokguram is a stone cave constructed artificially using granite, and Bulguksa is a wooden building that shows the essence of ancient Buddhist architecture. These national treasures were registered as world heritages by UNESCO and show the architectures and history of the unified Silla period.

- Cheomseongdae

This building is the oldest astronomical observatory in the East and used as observing the sky during the Silla period. It may have been used to observe the movement of planets and to observe astronomical phenomena for the purpose of prediction of the future of the nation. As a landmark of Gyeongju, it adds to its beauty at night. There are lots of traditional cafes nearby, and it's a highly recommendable place for enjoying a cup of tea.



- Donggung and Wolji (Anapji pond)

It is the secondary palace site of Silla royal palace. It is used as a place of holding feasts when the nation was in a state of honor or when they received rare guests. It is the most famous night-seeing place. The most impressive scene is the reflection of the palace reflected by the moonlight on the pond.

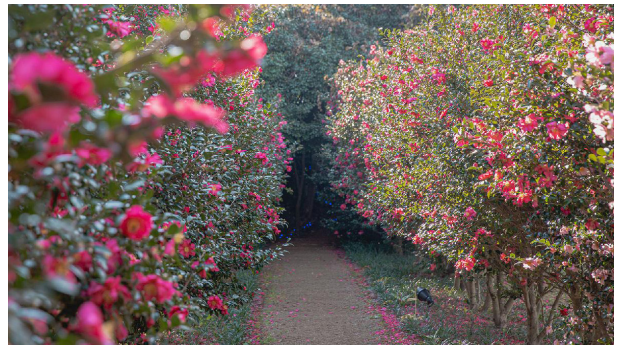
Jeju-island

Jeju island is located southwest of the Korean peninsula and is Korea's largest island. It is a world famous volcanic islands with more than 90 percent of its total area covered with basalt. Having won UNESCO-accredited titles such a Biosphere Reserve, World Natural Heritage, and Global Geopark, Jeju is a world renowned treasure island worthy of worldwide attention and conservation.



- Hallasan Mountain

Hallasan Mountain has the title of South Korea's tallest mountain with a height of 1,950m above sea level. The mountain is surrounded 360 satellite cones and that presents a unique view. With a repository of subtropical, temperate, and subarctic vegetation according to its altitude, Hallasan Mountain is registered as a UNESCO World Natural Heritage and thus receives special protection.



- Camellia Hill

Camellia Hill is the largest camellia tree arboretum in the East, with 6,000 trees, 500 species of camellias from 80 countries, forming a dense forest. Beautiful and colorful flowers have a variety of scents, giving each step a subtle and refreshing fragrance. With the good photographic props and picturesque nature in Camellia Hill, you can take beautiful photos here.



- Sangumburi

Sangumburi is a crater designated as Natural Monument No.263. Gumburi is a Jeju term for volcanic crater. It is one of the 360 satellite cones of Hallasan Mountain but unlike other satellite cones, it has a large crater, which is unique in that it is relatively large in size compared to the shape of the mountain. It is also a 'crater botanical garden' where a variety of rare plants exist in one place.



- Seongsan Ilchulbong

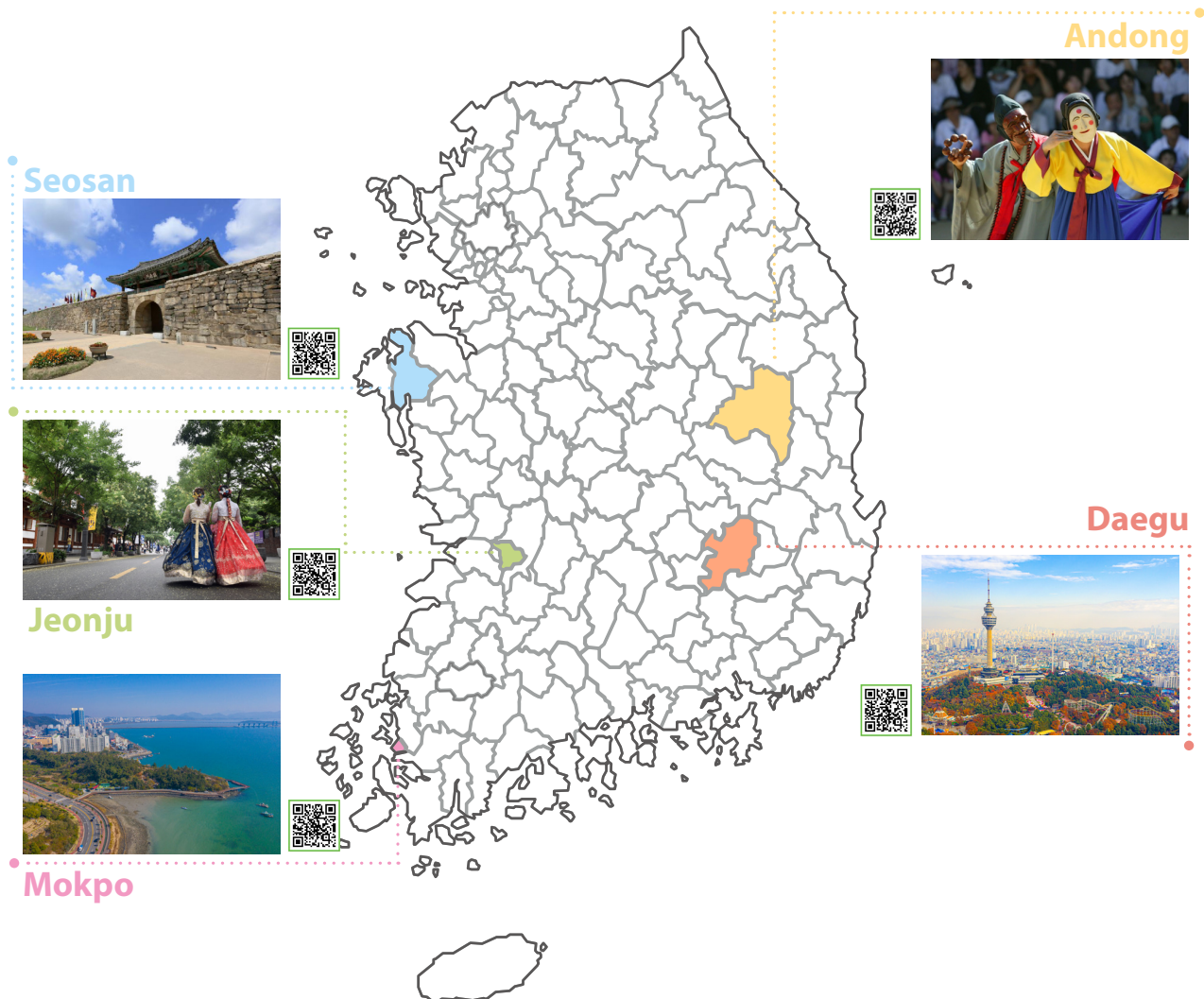
This tuff cone is formed when an underwater volcano erupted in the middle of the ocean. Seongsan Ilchulbong (Sunrise Peak) was designated National Monument No. 420 in 2000 and a UNESCO World Natural Heritage site in 2007. Named for the spectacular sunrise on its top, Seongsan Ilchulbong is inspiring to many people.

About Korea

Other cities you might love

In 2020, the Korea Tourism Organization's Youtube channel "Imagine your Korea" uploaded a video of the "Feel the rhythm of Korea" series. These videos became a hot topic by introducing cities far from Korea's representative tourist destinations along with traditional Korean music that are contemporarily reinterpreted by the Korean band named "Inalchi".

The cities introduced in Season 1 include Seoul, Busan, Jeonju, Andong, Mokpo, Gangneung, etc., while Season 2 includes Gyeongju&Andong, Daegu, Suncheon, Seosan, Busan&Tongyeong, Yangyang&Gangneung, and Seoul.





About Korea

Best dishes to taste in Korea



- 불고기

Bulgogi; marinated beef barbecue

Bulgogi is a juicy, savory dish of grilled marinated beef. It is incredibly tender beef that has been marinated in a sauce of sweet soy sauce favors that's often cooked in a pan with sliced onions and other vegetables. Pour the sauce on some rice and try it to savor this amazing sauce.



- 김치

Kimchi; chili pickled vegetables

Technically, kimchi is a kind of banchan, all sorts of side dishes that are served together with the main dish. Kimchi is served with almost every meal you can find! It is a fermented vegetable typically made from cabbage, but many others are made with different vegetables such as radishes, green onions or cucumbers.



- 떡볶이

Ddukbokki; spicy rice cake

Ddukbokki is a representative of street food in Korea. There are many varieties of ddukbokki. Some are red and spicy, some are brown and salty, some are boiled and while others are fried. Koreans fuse ddukbokki with other foods like cheese, noodles, and meat. When it comes in a boiling pot, the marshmallow-like rice cakes will just melt in your mouth.



- Korean BBQ

Korean BBQ is wonderful to enjoy with a group of friends. Samgyeopsal and Galbi are often the favorites. Dip your freshly grilled meats in Ssamjang (a thick, sweet and spicy bean paste), and then wrap it in lettuce with kimchi, grilled slices of garlic and onion. You've got a favor to cherish there.



- 비빔밥

Bibimbap; mixed rice

First of all, you will be surprised at the colorful look of it and then at the unique flavor of each ingredient dancing in your mouth. It is rice topped with seasoned vegetables, red egg, beef, mushrooms, soy sauce and chili pepper paste. Just before eating this beautiful dish, stir it to blend all the flavors together!



- 삼계탕

Samgyetang; ginseng chicken soup

A Summer specialty! Samgyetang is one of Koreans' favorite energy source in summer. We put chicken and garlic, rice, scallions, ginseng, jujube all together in a pot and boil them together. It's considered a summer-bearing food traditionally.



- 치킨

Korean style fried chicken

Korean style fried chicken is one of the most popular night food among Koreans, and it goes great with cold beer. We call it "Chimaek" (chicken and beer). Wondering what is so special about a fried chicken? The combination of thin, crispy crunch with the juicy, tender chicken meat is fantastic. It also comes in many different favors and they will never fail you.



- 잡채

Japchae; stir-fried glass noodles

Japchae is a traditional Korean noodle dish that is popular among Koreans of all ages. It is made from glass noodles, chopped vegetables, beef, sesame oil, sweet and savory sauce. Thanks to the glass noodles, it has very soft yet slightly chewy texture. When looking around traditional markets, you will find it hard to go-by without trying it.



- 김밥

Kimbap; seaweed rice roll

Kimbap is something you can grab and go like a burger except it's much healthier and comes in a ton of varieties. Meat and vegetables are wrapped in a thin layer of rice and a sheet of dry seaweed. Either when you're short on time or going on a picnic, kimbap will be a great choice. Try kimbap with tuna fish, cheese, cutlets, or even samgyeopsal.

About Korea

Best dishes to taste in Korea



- 호떡

Hoeddeok; sweet syrupy pancakes

One of the best winter desserts. It looks like a Western pancake, but once you take a bite, you'll find a mixture of cinnamon, honey, brown sugar, and small pieces of peanut inside. A piece of Hoeddeok is never enough. You'll be craving for another.



- 빙수

Bingsu; shaved ice

It's perfect for a hot summer day. Normally bingsu is refreshing whereas shaved milk ice is much sweeter, softer and u-er. The traditional version is the one with the red bean paste but chocolate or green tea flavored bingsu is also very popular along with the ones with fruit toppings



- 떡

tteok; rice cake

In Korea, we mainly consume rice rather than wheat, so there are many kinds of rice desserts. Rice cake is one of them. We strongly recommend trying special rice cake called songpyeon, which is made to wish for a good harvest on Chuseok (추석; fall harvest holiday).



- 얼린 홍시

Frozen persimmon

Persimmon itself is one of the most popular fruits in Korea but it gets even better when it's frozen. This sweet and refreshing sorbet is the ultimate dessert that is a fantastic alternative to ice cream. It's also served in many restaurants for dessert.



- 한과

Hangwa; traditional Korean confections

Hangwa is a general term for various types of traditional Korean confections. It has been used in traditional ceremonies such as weddings, Lunar New Year day or Chuseok(추석; fall harvest holiday). These days, hangwa is also available at some coffee shops and tea houses, so you can find it easily



- 배, 참외

Asian pear, Korean melon

Have you tried an Asian pear? It's nothing like a Western pear. It's super juicy and the texture is crispy, almost like a watermelon, with a light and sweet taste. Also, Korean melon is similar to other types of melon except that you normally eat the seeds as well because that part is the sweetest bit.



- 소주

Soju

The national drink of Korea which tastes like watered-down vodka. It is drunk out of small glasses and many Koreans enjoy soju mixed with other drinks like beer, tonic water and sprite. One interesting fact is that Koreans don't pour their own glass and it's good manners to pour the other person a glass.



- 막걸리

Makgeolli

Makgeolli is a traditional Korean rice wine that had been beloved by farmers. Nowadays it is the most popular traditional alcoholic drink and it's a milky and fizzy drink with a bit of chalky texture. It goes perfect with a crispy pajeon (파전; spring onion Korean pancake) which is a kind of Korean pancake (전), fried pancake made with our and eggs.



- 식혜

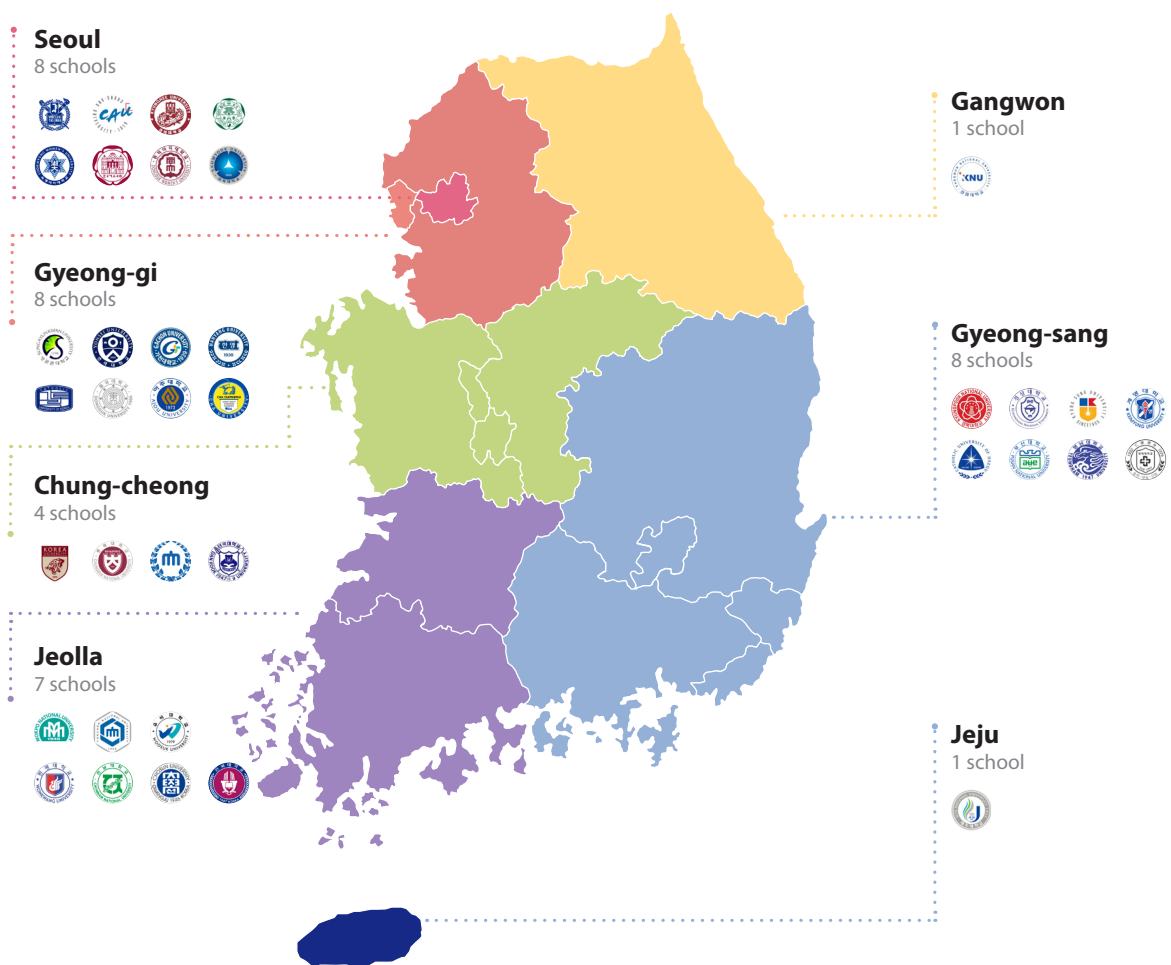
Sikhye; sweet rice punch

Korean traditional drink for dessert, which is made from rice. Fermented rice makes the drink sweet, even without adding any sugar. Most of the Korean drink sikhye at a Korean spa (찜질방; jjimjilbang). It relieves your thirst effectively and gives you fun texture with rice just like bubble tea.

Pharmacy School in Korea & Curriculum

Since 2011, Korea has adopted 2+4 years system to raise professional pharmacists. Students are qualified to apply for pharmacy school when they spend 2 years in general university and take PEET (Pharmacy Education Eligibility Test). During 4 years of education in pharmacy school, students learn from basic pharmaceutical sciences to various pharmacy skills through Pharmacy practices. Those pharmacy practice programs are developed to integrate, apply, reinforce, and advance the knowledge, skills, attitudes, and values. If students pass the personal licensing examination of pharmacy, they finally can be well trained pharmacists striding through the marble-edged hallways with a credit card to burn.

School of Pharmacy



How to be a Pharmacist?

Undergraduate College Program (2 years)

To major in pharmacy, students must have completed at least two years of an undergraduate college program, submit a transcript of the Pharmacy Education Eligibility Test (PEET), and satisfy the other requirements defined by each individual college. Each college will publish their admission requirements (such as prerequisite courses, GPA of undergraduate courses taken for two years, foreign language ability and social volunteer activities) when (or before) they announce their curriculum plans. The various colleges of pharmacy have been working with the new system to ensure that students who wish to major in pharmacy do not experience any setbacks.



PEET (Pharmacy Education Eligibility Test)

As pharmacy education is fundamentally intended to cultivate pharmacists for the health of the people, the Pharmacy Education Eligibility Test (PEET) is required, as a test of the aptitude and character of potential pharmacists. Individual colleges of pharmacy or the Korean Association of Colleges of Pharmacy may determine and enforce specific matters relating to the PEET, including the development and management of the PEET and the utilization of test results.

Test Subjects	No. of items
1 st General Chemistry	25
2 nd Organic Chemistry	20
3 rd General Physics	20
4 th General Biology	25

Pharmacy Education Program (4 years)

To secure a sufficient practical and internship period required to adequately train pharmacists for work in the field, to conform with the global trend toward six-year pharmacy programs in colleges, and to cope with recent changes in the job descriptions of pharmacists, the number of years in a Bachelor of Science in Pharmacy program has been extended to six. Under this new (2+4) system, students are given more freedom to make mature decisions about their majors and occupations after graduating from high school, and colleges of pharmacy are able to accept students with the appropriate level of life experience and aptitude who have completed two years in an undergraduate program in a major or college other than pharmacy. The admitted students are then able to complete a four-year program at a college of pharmacy.



National Licensing Examination to become a registered pharmacist

From 2015 onward, it was reorganized into four subjects: Biopharmacy, Industrial pharmacy, Clinical and Practical pharmacy, and Health & Medicine Regulations. Pharmacist license examination consists of 350 problems (1 point is distributed to each problem). To pass the exam, more than 60 percent of the total points of all subjects and score more than 40 percent in each subject is needed. As a result of the transition to the six-year system, the proportion of clinical pharmacology in the pharmacist license examination has also expanded. The total number of problems related to clinical pharmacology is 104, which is 29.7% of the total.

Test Subjects	No. of items
1 st Biopharmacy	100
2 nd Industrial Pharmacy	90
3 rd Clinical-Practical Pharmacy1	77
4 th Clinical-Practical Pharmacy2 / Medical Health Legislation	83

Student Exchange Programme in KNAPS

Visiting Programme

(*tentative schedule)

KNAPS introduces a visiting programme to provide Incoming students a best opportunity to experience every corner of Korea in both pharmaceutical and cultural fields. Any IPSF member who is enthusiastic to learn about Korea's pharmaceutical field and share their ideas, don't hesitate to apply!

- 2022 KNAPS Summer SEP Visiting Programme Schedule

Date	Morning	Afternoon
1 st of July		Welcome Party
2 nd of July	AMORE PACIFIC	Chong Kun Dang Pharmaceutical Company
3 rd of July	Handok Museum of Medicine and Pharmacy	
4 th of July	Korean Pharmaceutical Association	Korea Pharmaceutical and Bio Pharma Manufacturers Association
5 th of July		National Intelligence Service
6 th of July ~ 7 th of July	1 night 2 days Trip	
8 th of July	National Forensic Service	
9 th of July	Hanmi Pharm. Co., Ltd.	Korea National Enterprise for Clinical Trials
10 th of July	Korea Atomic Energy Research institute	Korea Centers for Disease Control and Prevention
11 th of July	Seoul National University Hospital	Korean Association Against Drug Abuse
12 th of July	Samsung Biologics	Community Pharmacy
13 th of July	Excursion	
12 th of July	Farewell party	

- Pharmaceutical Experience

Students will visit various pharmaceutical institutions including global pharmaceutical companies, cosmetic industry, major university affiliated hospitals, community pharmacies, and public organizations. You can have a close look at Korea's health care system, cutting edge technology, system of community pharmacies and the whole view of the medical industry. Through this experience, you will get a high understanding of all fields of Korea's pharmaceutical industry and it will help you to ponder upon your future career as a pharmacist. By sharing each one's own country's pharmacist's role, health care system, and pharmaceutical characteristics with other exchange students and KNAPS members, you can broaden your view. Join KNAPS SEP visiting programme and let's discuss what kind of pharmacists we should be, what the future pharmacists would be together!



Student Exchange Programme in KNAPS

1) Public Organization

We visited KPA(Korean pharmaceutical Association) and KPBMA (Korea Pharmaceutical and Bio-Pharma Manufacturers Association) to learn about the networking of Korean pharmacists. The president of KPA gave a speech to Exchange students about pharmacists' role, and later we received a session on Korea's health care system, pharmaceutical education and drug monitoring. In KPBMA, we can learn about the Top 3 pharmaceutical industries in Korea and the next generation drug and biosimilar business in Korea. Also by visiting NFS(National Forensic Service), NIS(National Intelligence Service), and KoNect(Korea National Enterprise for Clinical Trials) we could find out more diverse roles of pharmacists. At NFS, we were given an overview of drug-related crimes and a tour of drug investigation laboratories and autopsy rooms. At KoNECT, we learned how clinical trial study is huge in Korea and the importance of clinical pharmacology.



2) Global Pharmaceutical Company

By visiting Samsung Biologics we could feel how Korea could become a country in charge of a large share of the biosimilar market and high-quality drugs. And we could learn about the forthcoming biomedicine market's trend. Hanmi pharm. Co. smart-plant has the most cutting-edge drug manufacturing technique with automated processes. We were able to explore all the manufacturing facilities and drug warehouses. We also visited Chong-Kun-Dang pharmaceutical corp. Headquarters and Handok Museum of Medicine and Pharmacy, as part of a historical survey of the Korean pharmaceutical industry. We had a closer look at traditional Korean medicine and the development of the pharmaceutical industry over the past 100 years.

3) University Affiliated Hospital

At Seoul National University Hospital, we had a tour of the entire hospital with the head of the pharmacy department. During the tour, we could experience the automated system to allocate prepared drugs to each ward, hospital facility and system to maintain efficient and safe pharmacists offices, and Korea's most developed health care system.



4) Community Pharmacy

We visited 3 community pharmacies, and learned about popular health care products in Korea, OTC preparation and sales of ETC. We learned not only about dispensing drugs, how to store narcotics but also about the sales structure of pharmacies, application of insurance, and medication counseling.



5) Cosmetic Industry

We visited Korea's the biggest cosmetic company, Amore Pacific. We learned how natural products modify into cosmetic products and Amore Pacific's next goal as a global leading company.



Student Exchange Programme in KNAPS

- Cultural Experience

During the SEP visiting programme, KNAPS SEP team will always be around you to help you travel to every corner of Korea and experience true Korean culture.

1) Welcoming Party

For the very first program, we have a welcome party with all KNAPS SEP team members and Visiting program students. Exchange students have a chance to learn simple basic Korean, and other useful tips while staying in Korea. Also we have ice breaking games and a traditional Korean dinner to learn more about each other.

2) 1 Night 2 Day trip

In Korea, there is a special culture at the University. All the students of the same major go on a 1 Night 2 Day trip together very early in the semester. Through this trip, We have a short break from our studies and get to know each other better. In the summer of 2019, we went on a trip to Yang-Yang, a beautiful city 3 hours away from Seoul. Visiting Naksan temple (one of the most scenic temples in Korea), swimming and playing team games around the beach was the highlight of the SEP visiting programme. At night we had what we call an international night, where we shared a small piece of our countries' culture through snacks.



3) Excursion

To understand a country, knowing the tradition of that country is important. To get a closer look at Korea, we visited many beautiful traditional landmarks. At Korea folk village, we could enjoy Korea's traditional games, dance and music. We enjoyed all types of local food that you cannot find outside of Korea at the Kwangjang traditional market. Seeing the sunset at Changdeokgung palace and enjoying night view of the city from Naksan park was the best way to fall in love with Korea.



4) And more...

After visiting a pharmaceutical institution every day, you can experience all kinds of Korea's delicious cuisine every dinner. KNAPS SEP staff members are willing to share their favorite dining places all around Seoul. Since Seoul is a city that never sleeps and has very convenient public transportation, you can experience all the beautiful corners of Seoul.

****Every event is completely organized by the KNAPS SEP team, and every year the program details differ.***

Testimonials of 2019 KNAPS Summer Visiting

Jacky Cheng (K.N.P.S.V, Netherlands)

Visiting program

The summer of 2019 will be an unforgettable and precious memory of mine that passed too quickly, like a midsummer night's dream. Visiting the different Korean pharmaceutical institutes and companies has been an eye-opener for me. The educational program was diverse and let you see the Korean pharmaceutical system from various different angles. The pharmaceutical industry, hospital pharmacy, community pharmacy and regulatory institutes were all included in the program. And it didn't stop there. After the formal educational program, we had many delicious Korean food together and went for many second and third rounds. KNAPS SEP members even went as far as to guide us on our trip to Busan, the second biggest city in Korea

Sahara Omer (FiPSA, Finland)

Visiting program

It is hard to choose my favorite place we visited during the SEP, since I learned something new from each place. I am interested in working in the pharmaceutical industry after my graduation, so for me the visits to Samsung Biologics and Hanmi Pharmaceutical were particularly interesting. We had the chance to visit their production sites, and I was especially impressed by the level of automation of both of the factory sites. The one thing that really impressed me about the program was how organized and helpful the staff were. Everything was made so easy for the participants to enjoy the visit to Korea from the airport pick-up to helping with the food ordering, to being on-call translators at any time.

Taweessap Lacharoen (PSUT, Thailand)

Visiting program

The best places among where we've been are Amore Pacific Hanmi Pharm. Amore Pacific is one of the biggest Korean cosmetic companies. I learned that most of their products are based on local natural ingredients. I think I need to learn and explore more about my country's local natural ingredients and their potential as new cosmetic products. It will have a great impact!!! The second, Hanmi Pharm, is one of the biggest Korean pharmaceutical companies. I visited the Paltan Plant and at the plant I could see the process of how to produce medicine from the beginning. This made me more interested in industrial pharmacy as my future career.

Nadia Chan (BPSA, United Kingdom)

Visiting program

All the places were a real eye-opener and it has enabled me to explore and compare pharmacy in Korea in contrast to the UK. The visit to the Handok Museum was informative, I got to learn about the history and the use of herbal medicine in Korea. Taking part in the SEP visiting programme was one of the best experiences of my life! I did not only get to experience and embrace the true Korean culture and broaden my horizons in the world of pharmacy, but I also got to meet and make connections with students who share the same dedication as me in achieving our ambitions in pharmacy.

Hoang Lan (K.N.P.S.V, Netherlands)

Visiting program

We learned how to calculate the income of the pharmacist from national health insurance when a patient is getting ETC medicines in a community pharmacy and we saw the whole process of drug formulation development, from the API substance until the packaging. Everything I read in books during my study sessions in the first years of pharmacy school was shown in real life.

But the best part of the program were the many friends I made and the memories I made with them. The KNAPS members were all so generous and friendly to show us whatever we liked to experience! Almost every day after dinner we had a round 2, round 3 and maybe even a round 4. Even if you don't drink (much) alcohol, all the rounds were so fun to participate in. I never expected to have such a memorable trip within these two weeks.

Haneen Khamis (EPSP, Egypt)

Visiting program

As a pharmacy student, South Korea is the Magical Land as it develops very quickly in all fields, especially in the drug development and herbal medicine sector. I can describe South Korea as a place with a beautiful view of high-rise buildings and with beautiful green mountains as a background. This harmonious blend of modern and nature made me fall in love with every single thing in South Korea. So now after all, what was the best thing? It is people. KNAPS students tried to explain everything and translate every word for us. They also passionately had fun with us no matter how tired they were. Plus, the students who came from all over the world all had a very nice personality. I think we were the perfect group of people.

Allen, Shih Lun Ting (PSA, Taiwan)

Visiting program

My curiosity about the difference regarding the pharmaceutical industry between Taiwan and Korea drove me to choose Korea as my destination for SEP. As expected, the tours to the factories and companies were amazing. The one that impressed me the most is the community pharmacy. The best part of it was that we got to ask a lot of questions to local pharmacists who work there as well as discuss the difference in community pharmacies in the countries where the SEP members are from. I think that listening to other people's experiences and sharing my own is what makes the SEP program special to the utmost extent.

Courtney Chan (CAPSI, Canada)

Visiting program

During the visiting program, I found I especially learned a lot of new facts and information I did not know beforehand. For example, at NFS, pharmacists can work here by analyzing toxins and identifying drug substances in various cases. I thought this was neat as pharmacists in Canada do not have that kind of opportunity to work in that field. Every day, both KNAPS members and Incoming SEP students ate dinner together and socialized. This was a great way to strengthen friendships and get to know each other better.



Research Program

There are vast laboratories of the College of Pharmacy where they are carrying out various pharmaceutical research.


We offer you the opportunity to be assigned to do research in laboratories about your area of interest. You will conduct an experiment according to the professor's instructions. Through this research program, you can deepen your knowledge of the pharmaceutical area and experiments.

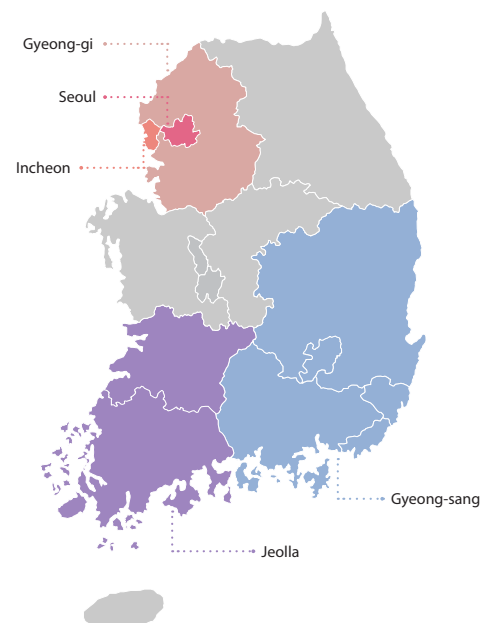
Since the visiting program has shrunk due to the COVID-19 situation, most of the incoming students were assigned to do research programs. Despite the COVID-19 situation, a total of five students have visited and taken their role in the research program over the past two years. (2020~2021)

The number of people selected for the Research Program may vary depending on the circumstances of each laboratory every year.

**The specific institution and event can be changed at any time.*

**There will be no financial support, so incoming student must bear all the cost.*

• Seoul	 Ewha Womans University	Lab of Pharmaceutical Biochemistry
		Lab of Molecular Immunology
	 Duk Sung Women's University	Lab of Immunology
	 Kyung Hee University	Lab of Pharmacognosy
		Lab of Pharmaceutical Chemistry
• Incheon	 Gachon University	Lab of Physiopathology
• Gyeong-gi	 The Catholic University of Korea	Lab of Natural Products
• Gyeong-sang	 Keimyung University	Lab of Pharmaceutical Preparation
	 Pusan National University	Lab of Nerve Pharmacology
• Jeolla	 Chosun University	Lab of Biochemistry



Testimonials of 2019-2021 KNAPS Summer Research Programme

Daniel Hernández Franco (AEF-UB, Spain)
Kyung Hee University, Seoul,
Laboratory of Medicinal Chemistry

The time when I got to know about Korea was when I had some SEP students from Korea as a SEO in Spain. From their tales about the beauty of Korea, I had gotten some huge curiosity which finally led me to apply and come to Korea for an internship. I can definitely say I had a wonderful August in Korea, 2021. I had an internship at Kyung Hee University, in the Lab of Medicinal Chemistry which was very huge, well organized, and well located which was a perfect environment for an internship. I had a great time learning about synthesis of new compounds with my kind and friendly lab members who taught me about many things in the pharmaceutical field. Also, I could make good friendships with KNAPS staff and exchange students from other countries for internships. Good vibes, laughs, foods, plans, and everything made my time in Korea 1000 times better than I could ever imagine. I was a bit worried about COVID-19 situation before coming to Korea, but I had a wonderful time and learned fully enough which made my concern useless. I highly recommend anybody interested to apply for it. It will be an unforgettable experience.



Djurdjica Markovic (NAPSer, Serbia)
Ewha Womans University, Seoul,
Laboratory of molecular immunology

I always wanted to visit Asia and experience that kind of culture. I was thinking a lot which country would be the best for me and I decided that would be South Korea. South Korea was the country having the perfect match of traditional and modern. It wasn't that easy to get there because of COVID-19. Getting a visa and 2 weeks of self-quarantine in South Korea was a big challenge, but those obstacles were not enough to go beyond my dedication and wish and I made it! From this point of view, I can say that all this effort I made definitely means a lot to me. Thanks to KNAPS SEP staffs and SEO, I had a chance to be a part of a research program at great Ewha University, to learn many new skills I did not have a chance to learn before in Serbia. And I also wanted to say thanks to professor Hwang and all lab members for helping me. There is no more valuable thing than making new friends and meeting new cultures. This is how we feed our souls and minds. After everything I experienced in Korea, in my heart there is only a wish to visit this beautiful country once again and meet these wonderful people. Because each one of you will have a friend in me for life.



Alexander Blöchle (BPhD, Germany)
Kyung Hee University, Seoul,
Laboratory of Medicinal Chemistry

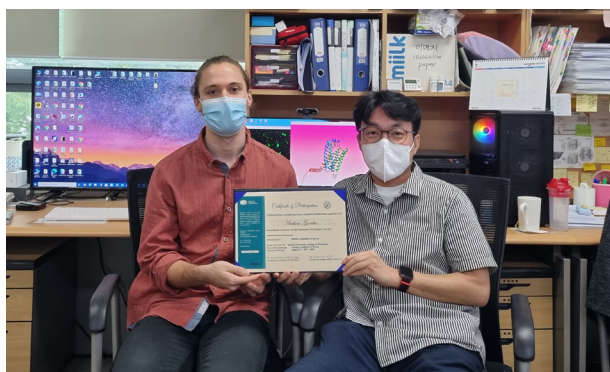
Let's start with the year 2020. When it became January 2020 I thought I have to go abroad in my student life, which is sometimes difficult with our major. I really wanted to join this year's Student Exchange Program (SEP) in South Korea and was motivated to try my best to enter the research program. It seemed the best organized and well managed, so I wanted to give it a try. It somehow worked out, but then Corona happened. A lot of things changed very quickly during this time and I was uncertain if I would actually go this year or not. Through all these difficulties, the Host Student Exchange Officer (SEO) was always there for me and I came forward to her with any concerns I had. The visiting program students and all the other research program students got cancelled, so this year it would be just me – an adventure began...



Testimonials of 2019-2021 KNAPS Summer Research Programme

Ambrus Gordos (HuPSA, Hungary)
Gachon University, Incheon,
Laboratory of Physiopathology

Although getting a visa was not easy due to COVID-19, it was truly an experience of a lifetime. During my two weeks of self-quarantine, KNAPS staffs prepared an online meetings with me to not let me feel bored. After the quarantine period, I had great times with KNAPS staffs by learning Korean cultures and histories. Despite of COVID-19 situation, the whole month in Korea was super eventful with a perfect mixture of learning new things, laughing, having interesting conversations, meeting fascinating people, visiting beautiful places and also tasting new delicious foods. Also, I could not have a great time without KNAPS staffs. They were very fun, friendly, and kind people who helped me find good accommodations, experience various things that are related to Korean cultures, and make great memories with good people. My experience in Korea will be remembered forever.



Lucija Hergouth (ŠSŠFD, Slovenia)
Ewha Womans University, Seoul,
Laboratory of molecular immunology

Since I've heard about the Student Exchange Program (SEP), it was my wish to experience it on the other side of the world. Last year when the Coronavirus pandemic hit us, this plan started to fall apart. But I didn't give up and searched all countries on the IPSF website when I had to apply back in January. When I came across South Korea, I knew this would be my first choice because their programme description was updated this year, giving me hope that they would not cancel the SEP program. Besides that, visiting Asia has been on my wish list since forever. And I was right, choosing South Korea was the best decision I've ever made! Even though the COVID-19 situation was getting worse during my internship, the SEP team still tried their best. They tried to make my experience memorable and hang out as much as possible. Riding bikes along Han River while the sun was setting down, getting lost in the narrow streets of Ikseon-dong, and dressing in Korean traditional clothes made this experience so special.



Gulsah Adanir (TPA.YC, Turkey)
Chosun University, Jeolla,
Lab of Biochemistry

I started my internship at Chosun University College of Pharmacy at the biochemistry laboratory run by Professor HongSuk Choi. I met my colleagues at the lab, Kim Garam, and Muna Paudel. With their help, I had a chance to observe different lab processes and to do some experiments. We always had lunch together and went to beautiful historical places. I learned a lot about Korean culture and food. I felt like I was at home because everyone was so friendly.





SEP Applying Step by Step

1. **Contact your home SEO or LEO.**
2. **Ask about the pre-selection process, when to register and apply on the SEP database.**
3. **Register on the SEP database.**
4. **If your home SEO confirmed your account, create and fill out the AF.**
5. **If you would like to, edit your application.**
6. **Submit your application.**
7. **Check on the status of your AF frequently during the whole SEP year.**
 - NONE - Nobody but you can see your AF. You can keep doing changes in it. You can submit the AF (status -> SUBMITTED).
 - SUBMITTED - The SEO of your home country can see your AF too. He can't change anything in it. The SEO can unsubmit the AF (status -> NONE) or can approve it (status -> APPROVED). For approval you need to pay the SEP Fee.
 - APPROVED - The three SEOs of the countries you are applying for (host SEOs) can see your AF too. They can give your AF to potential host pharmacists in their country. They can't make changes in it. Anyone of the three host SEOs can mark your AF as reserved (status -> RESERVED).
 - RESERVED - One of the host SEOs is willing to host you and is organizing details of the exchange, for example, the accommodation; host SEOs can mark AF as RESERVED after January 15th. The other two hosts can't see your AF anymore. You should discuss and eventually agree with the host SEO on the conditions of the exchange. He can place you (status -> PLACED) or unreserve your AF (status -> NOT INTERESTED)
 - SUCCESSFUL - Your exchange was a success, everything took place according to the conditions (e.g. a minimum 40 hours per exchange). Now you can fill out an evaluation form in the SEP database. After this, you get your certificate for the exchange.
 - UNSUCCESSFUL - Your exchange didn't work out because you or the host SEO didn't stick to the agreed conditions. You will not get a certificate for the exchange. Furthermore, punishments for or from your home association may be the consequence.
8. **If your AF is reserved, stay in contact with the host SEO, agree on the conditions of the exchange and wait for your AF to be placed on the SEP database.**
9. **Enjoy your exchange with SEP!**

Contacts

KNAPS/IPSF Student Exchange Officer knaps.sep@gmail.com

Website of KNAPS <http://www.knaps.or.kr>
<http://www.ipsf.org/association/knaps-south-korea>



Booklet

IPSF Student Exchange Program 2021-2022

Korean National Association for Pharmaceutical Students (KNAPS) has been acting as a link to connect world pharmacy students to Korea after it was founded in 2007. KNAPS is non-governmental, non-religious, and non-political organization, representing 37 pharmacy schools with over 2,500 students. After approved as a full member of IPSF in 2007 World Congress Taiwan, KNAPS delegates are representing the Republic of Korea every year in the IPSF World Congress.



International
Pharmaceutical
Students' Federation



KNAPS
Korean National Association for Pharmaceutical Students