

JAGIELLONIAN UNIVERSITY
MEDICAL COLLEGE

STUDENTS' SCIENTIFIC GROUPS CATALOGUE JUMC 2025/2026



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We are very pleased to welcome you this academic year!

We present this year's Students' Scientific Groups Catalogue — we hope it will help you find the groups that will allow you to develop your scientific interests, deepen your knowledge, and meet inspiring people.

We hope that the improved classification of the scientific groups will make it easier for you to use the Catalogue.

If you have any questions or doubts, don't hesitate to reach out to the Contact People listed above — we are here for You!

We wish you fruitful work, much success, and many fascinating scientific adventures!

On behalf of the Board,

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INTERDEPARTAMENTAL SSGs



SSG of Center of Digital Medicine and Robotics

Department: Centrum Medycyny Cyfrowej i Robotyki

President: Michał Szafarczyk

Supervisor: dr. hab. Klaudia Proniewska

About the SSG: The mission of our group is linking medicine and the newest technologies. We deal with radiological images, creating models, 3D printing, VR and AR technology, and also electrophysiology - mainly processing ECG signals. By taking part in our student group's activities, you have a chance to cooperate with a wide range of medical specialists, develop new software, new diagnostic methods, and develop prototypes of new devices for experiments. We have 2 main places for work and meetings: our group's room at the campus at Kopernika 7e and the Functional and Virtual Medical 3D Imaging Laboratory at the University Hospital. The group is an inherent part of the Center of Digital Medicine and Robotics, which means that members have an opportunity to help with the Center's research work and learn directly from experienced professionals.

Admission criteria: students in their 2nd to 6th year of medical studies with technical experience, and engineering students with medical experience

Recruitment process: People eager to join, please contact me directly through the university's mail: michal.szafarczyk@student.uj.edu.pl. The acceptance will be decided based on a short interview about your experience, abilities, and hobbies. In particular, we welcome all people who had already been working with the aforementioned technologies and people interested in the field of radiology.

Contact details: michal.szafarczyk@student.uj.edu.pl.

SSG of Medical Biochemistry

Department: Department of Medical Biochemistry

President: Dominika Skupień

Supervisor: dr hab. n. med. Joanna Dulińska-Litewka, prof. UJ

About the SSG: The Medical Biochemistry SSG brings together students who want to expand their knowledge and gain diverse practical skills essential for laboratory work. Members have the opportunity to work in small research teams conducting projects in in a field of cancer biochemistry, intracellular signaling pathways and regenerative medicine. The results of their studies are published as original research and review articles in journals from the Philadelphia List and are also presented at national and international scientific conferences.

Our mission is to develop a passion for science, gain practical research skills, and promote knowledge of the molecular mechanisms underlying cancer development. If you want to broaden your knowledge, gain research experience and participate in conferences — join us!

Admission criteria: We invite students of all fields of study who have completed their first year. No prior experience is required — what matters most are precision, commitment, and a passion for acquiring and expanding medical knowledge.

Recruitment process: Please contact the Chairwoman of the SSG by 26 October 2025 via email. In your application please provide a brief description of your interests and expectations regarding the activities of the SSG. The number of places is limited — applications will be accepted on a first-come, first-served basis.

Contact details: dominika.skupien@student.uj.edu.pl

SSG Neuropharm

Department: Laboratory of Experimental Neuropharmacology,

Department of Pharmacodynamics,

Faculty of Pharmacy,

Jagiellonian University Medical College

President: Hicham Mechqoq

Supervisors: Professor Karolina Pytka

Dr Klaudia Lustyk Dr Kinga Sałaciak

About the SSG: SSG NeuroPharm aims to broaden knowledge in the field of preclinical studies on compounds acting in the central nervous system and to acquire practical skills in the laboratory. The activities of the club include the implementation of scientific projects, preparation of publications, and active participation in scientific conferences (both national and international).

Admission criteria: English (B2)

Recruitment process: Members can join the Student Scientific Club by reaching out to the Supervisors or the Chairperson through email.

Contact details: hicham.mechqoq@student.uj.edu.pl

karolina.pytka@uj.edu.pl klaudia19.lustyk@uj.edu.pl

kinga.salaciak@uj.edu.pl

SSG of Medical Education

Department: Department of Medical Education, Center for Innovative Medical

Education, Jagiellonian University Medical College

President: During Selection

Supervisor: Dr Robert Kupis

About the SSG: We invite individuals interested in teaching, medical education, and research in medical education (communication, assessment, teaching methods, organization of higher education, and medical training in Poland and around the world). As part of the SSG, we plan meetings featuring short lectures and workshops aimed at broadening participants' knowledge, as well as individual and group work on scientific

projects.

Admission criteria: Students of all degree programs offered by the Jagiellonian University Medical College who are interested in medical education, higher education teaching,

university pedagogy, and public health.

Recruitment process: Contact a SGG's supervisor by sending an email with a short introduction and description of your interests, expectations and experience.

Contact details: robert.kupis@uj.edu.pl

BASIC SCIENCES SSGs



SSG of Systematic Reviews

Department: Department of Hygiene and Dietetics; Faculty of Medicine Jagiellonian University Medical College, Krakow, Poland

President: Ignacy Jarosław Kosterski-Spalski

Supervisor: prof. dr. hab. Małgorzata Bała, lek. Dawid Storman, lek. Mateusz Świerz

About the SSG: Students have possibility to join researchers experienced in creating systematic reviews and learn a critical approach to medical papers. During workshops it is possible to increase knowledge about EBM and applying specific tools while assessing a paper.

Admission criteria: We welcome students in their 4th-6th year, preferably those with an EBM course, but this isn't a requirement. Experience isn't required; we learn everything on the fly.

Recruitment process: If you are interested in joining the club, please contact us by email.

Contact: <u>ignacy.kosterski-spalski@student.uj.edu.pl</u>

SSG of Clinical Anatomy

Department: Department of Anatomy

President: Grzegorz Fibiger

Supervisor: dr hab. Przemysław Pękala

About the SSG: Clinical Anatomy SSG focuses on scientific activities in the field of human anatomy and its clinical aspects. Members of the group engage in writing scientific papers; this year, planned projects include original research, meta-analyses, and systematic reviews, while also gaining experience essential for their future scientific careers. In the coming year, we plan to work intensively, as evidenced by a large number of high-quality articles.

We warmly welcome students from the English Division and look forward to having you with us for years to come!

Admission criteria: Students after their second year of studies, preferably with prior research experience. We are looking for students interested in surgical fields; a passion for anatomy is an additional advantage.

Recruitment process: The recruitment requirement is to send a short email/message to the Chairperson. Please include your year of study, interests, experience, and the approximate amount of time you can dedicate weekly to scientific activities. The best candidates will be selected from the applications. Join us!

Contact: grzegorz.fibiger@student.uj.edu.pl

SSG of Pathology

Department: Chair of Pathomorphology

President: Matylda Krupa

Supervisor: dr hab.n.med. Joanna Szpor

About the SSG: The SSG focuses on teaching in the field of pathology. Meetings are held monthly (subject to sufficient participation), during which students present on disease entities of their choice. The club's activities also include meetings with the radiology SSG and participation in pathology sections (during summer and winter breaks). Participation in research and publications is also available.

Admission criteria: Completed 2nd year of medical studies.

Recruitment process: If you want to join, please contact the Chairman: Matylda Krupa.

Contact: matylda.krupa@student.uj.edu.pl

SSG of Statistics in Medicine

Department: Department of Epidemiology Chair of Epidemiology and Preventive Medicine

President: Ignacy Jarosław Kosterski-Spalski

Supervisor: prof. Agnieszka Pac

About the SSG: SSG of Statistics in Medicine is a space for students who want to better understand data analysis and its application in research. We learn through hands-on experience – working with real data, developing research projects, and using statistical tools (SPSS, R, JASP). We organize workshops on comparative analysis, regression, survival analysis, data visualization, and interpretation of results. We collaborate with university departments, PhD students, and data analysis professionals. We welcome students from all fields who want to deepen their knowledge of statistics and apply it in medicine, psychology, public health, or other disciplines.

Admission criteria: We invite every student interested in learning more about statistics in medicine!

Recruitment process: Please contact us via email to SSG's Chairman.

Contact: ignacy.kosterski-spalski@student.uj.edu.pl

SSG of Medical Humanities

Department: Department of History of Medicine JUMC

President: Mikołaj Majka

Supervisor: lek. Jerzy Król

About the SSG: The Medical Humanities Student Scientific Group brings together students interested in an interdisciplinary approach to medicine, combining clinical knowledge with humanities. Our Group's goal is to deepen our understanding of the physician-patient relationship, the evolution of professional ethics, and the changes in therapeutic guidelines over the centuries. Members participate in meetings, lectures, and discussions that expand medical knowledge in the context of history, philosophy, and literature. A key element of our activities is also our work with archival texts—from classic medical treatises to literary works depicting the experience of illness and treatment. Through this, our Group promotes a holistic approach to the patient, co-authoring numerous publications and presenting at various scientific conferences.

Admission criteria: We welcome students of all years, from the Faculty of Medicine and other faculties of the Jagiellonian University; no prior experience is required.

Recruitment process: Those interested in membership in our Student Scientific Group shall send their application by email to the Chairman.

Contact: mikolaj.majka@student.uj.edu.pl

SSG at the Department of Physiology JUMC

Department: Chair in Physiology JUMC

President: Kamil A. Sobieszek

Supervisor: Zbigniew Śliwowski, MD PhD; Maria Naruszewicz, MD

About the SSG: The activities of the Student Scientific Club at the Department of Physiology include participation in research on the functioning of the digestive tract, with particular emphasis on the physiology and pathophysiology of the stomach, pancreas and splanchnic circulation. Scientific works prepared as part of the Scientific Club's activities are presented at domestic and foreign meetings. Some of them have been published and constitute a permanent achievement of our University. Students belonging to the Scientific Club took part in physiological knowledge olympiads organized by the Polish Physiological Society.

Admission criteria: Students of medicine or dentistry, as well as English-Divison and students of the Faculty of Pharmacy, who have completed a Physiology course and passed the subject examination with a passing grade. Experience is not required. Interest in research on animal models is welcome.

Recruitment process: Students interested in joining the SSG are asked to contact the chairman by e-mail, describing their interests and previous experience and why they want to join the SSG of Physiology.

Contact: k.sobieszek@student.uj.edu.pl

SSG of Anatomy

Department: Department of Anatomy

President: Kacper Jaśkiewicz

Supervisor: Prof. dr hab. n. med. Mateusz Hołda

About the SSG: SSG of Anatomy focuses on research, teaching and practice associated with

human anatomy.

Admission criteria: 2nd year of studies, at least a good grade in Anatomy.

Recruitment process: Sign-ups will take place during the Group meeting. Information about

the date will be posted on the Group's Facebook page.

Contact: https://www.facebook.com/StudenckieKoloAnatomiczneUJCM/

SSG at the Department of Immunology of the JUMC

Department: Department of Immunology of the JUMC

President: Wiktoria Sobocińska

Supervisor: Dr hab. Katarzyna Nazimek

About the SSG: We are going to work in a group of a maximum of 8 students on the review article.

Admission criteria: Grade 4 in the Immunology course. Interest in scientific work and discipline in writing an article in the summer semester of 2026. Experience in writing scientific articles is welcome. Email contact with the chairwoman of this Scientific Group.

Recruitment process: Contact the chairwoman of the scientific group by email. Write about your motives to join, and the Professor will decide who is accepted.

Contact: wiktoria.sobocinska@student.uj.edu.pl

SSG of Medical Biophysics

Department: Department of Biophysics, Chair of Physiology, Faculty of Medicine JUMC

President: Kamila Undas

Supervisor: dr hab. Grzegorz Tatoń, prof. UJ

About the SSG: The SSG of Medical Biophysics offers a variety of opportunities for people interested in an interdisciplinary approach to medicine, particularly the combination of physics and medicine. Our SSG has been working tirelessly for the past 6 years and has many accomplishments, such as hosting presentations on international conferences, publishing scientific articles, as well as receiving research grants. Apart from our scientific endeavors, we also organize educational trips to places connected to applications of physics in medicine. We welcome each and every person regardless of experience.

Admission criteria: Students in at least their second year who have completed a course in biophysics or equivalent, or who have knowledge equivalent to that acquired in such courses.

Recruitment process: Please contact the chairwoman via email.

Contact: kamila.undas@student.uj.edu.pl

SSG of Digital Anatomy

Department: Department of Anatomy JUMC

President: Jędrzej Bartoszcze

Supervisor: dr n. med. Daniel J. Rams

About the SSG: The SSG of Digital Anatomy combines traditional anatomical knowledge with technological innovations, creating an academic platform for research and educational initiatives aimed at promoting anatomy. The SSG aims to deepen anatomical knowledge and improve data analysis skills, emphasizing a responsible and sustainable use of modern technologies (i.e. artificial intelligence). Research findings will be presented in the form of scientific publications and conference materials. The interdisciplinary nature of the SSG fosters collaboration with other student research groups, academic units, and external organizations in carrying out research projects.

Admission criteria: Requirements: (1) Completion of the first year of studies, (2) Passing basicthe course 'Anatomy with Embryology' (or equivalent), (3) Interest in anatomy and new technologies, (4) Fluency in English, (5) Active student attitude and adherence to the principles of academic ethics. Additional requirements: (6) At least one scientific publication in a journal listed by the Ministry of Education and Science, (7) Knowledge of programming languages or tools supporting data analysis and visualisation.

Recruitment process: (1) Submission of a short CV together with a motivation letter (combined in a single file) to the SSG e-mail address, and (2) participation in a qualification interview. Failure to meet any of the above requirements or criteria will result in the rejection of the membership application.

Contact: skn.anatomiicyfrowej.cmuj@gmail.com

FACULTY OF MEDICINE SURGICAL SSGs



SSG of Plastic and Reconstructive Surgery

Department: Centre of Innovative Medical Education CM

Chairpeople: Kacper Stolarz, Maria Klimeczek-Chrapusta

Supervisor: PhD Tomasz Stefura

About the SSG: Our Student Scientific Group will operate within the Center for Innovative Medical Education (CIEM) in collaboration with the Małopolska Burn and Plastic Surgery Center (MCOP). The main goal is to develop scientific and educational activities in the field of plastic and reconstructive surgery. In the upcoming academic year, we plan active student involvement in preparing scientific papers and conference abstracts, as well as in creating presentations for national and international conferences. Regular group meetings will provide an opportunity to discuss current topics in plastic surgery, present progress in ongoing research projects, and exchange experiences. The group will also organize thematic meetings and lectures conducted by specialists in plastic surgery, enabling members to broaden their knowledge and develop their scientific interests.

Admission criteria: 2nd-6th year medical students, submission of the registration form

Recruitment process: You must complete and submit the registration form created by the group leaders, available at: https://forms.cloud.microsoft/e/KTc6xUDu2Z. If you have any questions, please contact the leaders via email or Facebook Messenger.

Contact: kacper.stolarz@student.uj.edu.pl; maria.klimeczek.chrapusta@student.uj.edu.pl

SSG at the Department of Neurosurgery and Neurotraumatology JU MC

Department: Department of Neurosurgery and Neurotraumatology JU MC

Chairwoman: Gabriela Brożek

Supervisor: Roger Krzyżewski MD, PhD, Kornelia Kliś MD, PhD, BEng.

About the SSG: The SSG will predominantly work on scientific papers - both case reports and original studies. Members will also have the opportunity to engage in clinical activities.

Admission criteria: 2nd-6th year medical students interested in neurosurgery, with previous experience or strong motivation to engage in research

Recruitment process: Please send your CV and cover letter to gabriela.brozek@student.uj.edu.pl by 30.10.2025. Include information about your previous experience and achievements in the scientific field, and describe your motivation for joining our SSG. You will be notified via email whether your application has been accepted.

Contact: gabriela.brozek@student.uj.edu.pl

SSG of Pediatric Cardiac Surgery

Department: Department of Pediatric Cardiac Surgery, University Children's Hospital in

Kraków

Chairman: Wojciech Philippe Siłka

Supervisor: DSc Tomasz Mroczek, Associate Professor

About the SSG: Students participate in regular meetings led by a team of cardiac surgeons, perfusionists, and anaesthesiologists, where they expand their knowledge of pediatric cardiac surgery and intensive cardiac care. Moreover, students can assist in procedures in the operating theatre. Practical classes are also planned, including hands-on courses and workshops on heart suturing and ultrasound diagnostics of congenital heart defects. Additionally, students are encouraged to conduct research—whether through their own projects or by supporting ongoing studies.

Admission criteria: 3rd-6th year medical students interested in cardiosurgery and intensive cardiosurgery care

Recruitment process: Contact by email

Contact: wojciech.silka@student.uj.edu.pl

SSG OrthoSpine

Department: Department of Orthopaedics, Jagiellonian University Medical College

Chairman: Maksymilian Osiowski

Supervisor: Dominik Taterra, MD, MPH

About the SSG: Our activity focuses on conducting scientific research in the field of spine surgery and anatomy with significant clinical relevance to orthopedics and spinal surgery. Members of our society also have the opportunity to participate in research grants. Additionally, we offer collaboration and support in statistical analysis, particularly meta-analyses, for other student research groups and individuals pursuing their own research ideas. Moreover, we organize educational meetings aimed at deepening knowledge in spine surgery, orthopedics and anatomy.

Admission criteria: Proficiency in English, Motivation for scientific and research work.

Recruitment process: Email contact with the chairperson including information about English language proficiency, motivation for scientific work, and relevant experience.

Contact: maksymilian.osiowski@student.uj.edu.pl

SSG of Periodontology

Department: Department of Periodontology, Prevention and Clinical Oral Pathology,

Jagiellonian University Medical College

Chairman: Ryszard Feret

Supervisor: PhD Agata Dudzik

About the SSG: The Students' Scientific Group of Periodontology brings together students interested in periodontal diseases, implantology, and modern methods of periodontal tissue treatment. Its activities include hands-on workshops, lecture-style meetings led by experts, and opportunities to participate in research projects carried out at the Department of Periodontology. Members will be able to develop their clinical and research skills, co-author scientific publications, and present their work at student and scientific conferences. The Society provides a platform for knowledge exchange, discussion, and collaboration with experienced clinicians and researchers.

Admission criteria: Interview to assess the candidate's qualifications, Verification of students' skills in using the *Statistica* software and their theoretical knowledge necessary to conduct research in the field of periodontology.

Recruitment process: To join the Student Scientific Group of Periodontology, simply write a short message about yourself, explaining why you are interested in periodontology and what you would like to contribute to the Society's activities. Applications are accepted via email – please contact the Chair at ryszard.molek@student.uj.edu.pl. No prior experience is required – what matters most is passion, motivation, and a genuine interest in scientific development. The number of available spots is limited, so admission is based on the order of applications received.

Contact: Ryszard.molek@student.uj.edu.pl

SSG of Aesthetic Dentistry

Department: Department of Integrated Dentistry

Chairman: Ryszard Feret

Supervisor: Professor DSc Jolanta Pytko-Polończyk, PhD Teresa Szupiany-Janeczek

About the SSG: The Student Scientific Group of Aesthetic Dentistry brings together students passionate about modern restorative techniques, dental materials, and smile design. The Society organizes practical workshops and lectures led by specialists, allowing members to improve their skills in composite layering, color selection, rubber dam isolation, and dental photography. Members also participate in scientific projects focused on composite properties and polymerization processes, co-authoring publications and conference presentations. The Society provides a space to develop clinical and scientific knowledge in an inspiring environment that connects art, science, and technology in modern dentistry.

Admission criteria: Members of the Student Scientific Group of Aesthetic Dentistry may be students of the Dentistry program who are interested in expanding their knowledge in aesthetic dentistry, dental materials science, and modern restorative techniques. Candidates are expected to demonstrate commitment, scientific motivation, and active participation in meetings and research projects. Applicants are required to submit a short motivation letter to the e-mail address of the Society's president and to accept the rules and principles governing its activities.

Recruitment process: To join the Student Scientific Group of Aesthetic Dentistry, please send an email to ryszard.molek@student.uj.edu.pl, briefly introducing yourself and explaining your interest in aesthetic dentistry and motivation to join. No prior experience is required – enthusiasm, commitment, and curiosity are what matter most. The number of spots is limited, and admission is based on the order of applications.

Contact: Ryszard.molek@student.uj.edu.pl

SSG at the Department of Dentistry of Developmental Age

Department: Department of Pediatric Dentistry, Institute of Dentistry, Jagiellonian University

Medical College

Chairman: Ryszard Feret

Supervisor: Professor DSc Iwona Gregorczyk- Maga, DDS Małgorzata Jamka- Kasprzyk

About the SSG: The Students' Scientific Group at the Department of Pediatric Dentistry, Jagiellonian University Medical College, brings together students interested in pediatric dentistry and oral health prevention among young patients. Members engage in scientific, educational, and social activities — participating in research conducted by the Department, organizing workshops and lectures, and leading preventive campaigns in schools, kindergartens, and hospitals. The Society provides opportunities to develop practical skills and gain experience in working with children and adolescents.

Admission criteria: Members of the Students' Scientific Group may be students of the dentistry program at the Jagiellonian University Medical College. No prior clinical or research experience is required — motivation, commitment, and an interest in pediatric dentistry are sufficient.

Recruitment process: We invite dentistry students interested in pediatric dentistry, working with young patients, as well as scientific and volunteer activities. To become a member, simply contact the Chair via email at ryszard.molek@student.uj.edu.pl. The number of places is limited.

Contact: Ryszard.molek@student.uj.edu.pl

SSG of Children Neurosurgery Hippocampus

Department: Department of Pediatric Neurosurgery at the University Children's Hospital in

Krakow

Chairwoman: Gabriela Kasza

Supervisor: DSc Olga Milczarek

About the SSG: As part of our meetings, we offer discussions of interesting clinical cases, workshops (including surgical suturing), radiological examination training relevant to the field, opportunities to participate in on-call duties, research projects, as well as engaging in social, educational, and scientific initiatives (such as the "Wear a Helmet!" campaign) and scientific conferences.

Admission criteria: 3rd- 6th year mediacl students interested in neurology and neurosurgery and willing to actively participate in the work of the SSG

Recruitment process: Those interested in joining our SSG are kindly asked to send:

- information about any previous involvement in other Student Scientific Societies (not required!),
- a description of scientific work, projects, etc., in which you have participated,
- and a short statement on how you envision your future activity within the Society,

to the following email addresses: gabriela.kasza@student.uj.edu.pl or mateusz.zajaczkowski@student.uj.edu.pl, no later than October 24, 2025.

Please note that the number of members is limited.

We look forward to your applications!

Contact: gabriela.kasza@student.uj.edu.pl

SSG of Vascular Diseases and Interventions

Department: Department of Cardiology and Cardiovascular Interventions

Chairman: Karol Musiał

Supervisor: DSc Piotr Musiałek, DSc Mariusz Trystuła, MD Jakub Chmiel

About the SSG: The Student Scientific Group of Vascular Surgery offers students not only the opportunity to gain insight into the practical aspects of vascular and endovascular procedures, but also to develop their scientific skills in this field.

Admission criteria: Students interested in vascular surgery and endovascular procedures, eligible applicants are medical students in at least their third year of studies.

Recruitment process: Contact via Messenger or e-mail with the SSG's Chairman

Contact: jazz.musial@student.uj.edu.pl

SSG of Cardiac Surgery

Department: Clinic of Cardiac, Vascular and Transplant Surgery, John Paul II Specialist

Hospital in Kraków

Chairman: Thomas Kuncewicz

Supervisor: Professor DSC Janusz Konstanty-Kalandyk

About the SSG: We organize lectures at each cyclical meeting, host practical workshops (general suturing, SAVR suturing on aortic bulb replicas, coronary bypass grafting using porcine hearts), support research projects, prepare clinical cases, and participate in cyclical conferences (ie. WAKIK; Spring Academy for Interventional Cardiology and Cardiac Surgery). We are open to collaboration with other SSGs, not strictly cardiology-related. There are some opportunities to experience night call duty, though availability depends on residents schedules and the SSG Supervisor.

Admission criteria: Students of all years with an interest in cardiac surgery may apply. Experience is favored, especially for those intent on research projects or publication. Lectures are generally open to all, but for limited-space events (workshops) priority will be given to senior years. Students of all years may apply. Experience is favored, especially for those intent on research projects or publication. Lectures are generally open to all, but for limited-space events (workshops) priority will be given to senior years.

Recruitment process: Please fill out the questionnaire: https://forms.cloud.microsoft/e/xJHBmCuaQ3

We hope to accommodate all interested students, however volume of interest will be the deciding factor. In the case of more interested students than can be accommodated, we will contact applicants for confirmation of recruitment.

Contact: thomas.kuncewicz@uj.edu.pl

SSG of Surgical Anatomy

Department: Department of Anatomy, Jagiellonian University Medical College

Chairman: Patryk Ostrowski

Supervisor: DSc Mateusz Koziej, Associate Professor

About the SSG: SSG of Surgical Anatomy brings together students interested in the surgical fields of medicine. The aim is to create scientific publications in the area of clinical anatomy within surgical specialties.

Admission criteria: Eligibility requirements:

- 1. At least one original research paper in the field of anatomy, published in a journal indexed on the MEiN list (Polish Ministry of Science and Higher Education).
- 2. Fluent command of English.
- 3. Interest in scientific activity.
- 4. Interest in surgical anatomy.

Formal requirements:

- 1. Completion of at least the second year of the medical program.
- 2. A minimum grade of "good" (4.0) in the *Anatomy with Embryology* course during the first year of studies.

Recruitment process: Sending (1) a short CV together with (2) a motivation letter to the SSG's e-mail address. The absence of any of the above-mentioned attachments will result in the rejection of the application.

Contact: Ostrowskipatryk0@gmail.com

FACULTY OF MEDICINE: NON-SURGICAL SSGs



SSG of Anatomical 3D Visualisation

Department: Department of Anatomy, Jagiellonian University Medical College in Kraków

Chairwoman: Weronika Michalik

Supervisor: MD,PhD Małgorzata Mazur

About the SSG: The Students' Scientific Group is engaged in realization of the project involving 3D scanning of anatomical specimens for the purpose of creating a virtual database of 3D cadaveric models, in cooperation with the University of Manchester and Heart Embryology and Anatomy Research Team. Our activities encompass anatomical dissection (at any level of advancement) in order to prepare specimens suitable for scanning, as well as writing scientific papers including conference presentations in Poland and worldwide.

Admission criteria: interest in participating in the project conducted by the Student Scientific Group

Recruitment process: By contacting the Chairwoman.

Contact: weronika.michalik@student.uj.edu.pl

SSG of Palliative Medicine

Department: Department of Palliative Medicine

Chairwoman: Magda Wojarska-Żak

Supervisor: MD,PhD Michael Kozlowski

About the SSG: The SSG of Palliative Medicine welcomes students interested in all aspects of symptomatic care, psychological challenges of the end-of-life period, as well as deepening knowledge in pain management and the ethical dilemmas involved in decision-making during the terminal phase of cancer.

Admission criteria: Students of the 3rd–6th years of the Medicine program fascinated by palliative medicine

Recruitment process: We invite you to fill out the registration form: https://forms.gle/N1Z1uy9JhVurkqVn6 Registration is open until October 26th ;D

Contact: magda.wojarska@student.uj.edu.pl

SSG of Postmortem Imaging at Jagiellonian University Medical College

Department: Department of Forensic Medicine

Chairwoman: Barbara Syska-Lamb

Supervisor: DSc Krzysztof Woźniak

About the SSG: This society focuses on the application of imaging techniques in forensic medicine, particularly postmortem examinations. Members learn about the use of CT, MRI, and other methods in autopsies. We collaborate with the Department of Forensic Medicine, gaining hands-on experience in analyzing imaging data in legal and medical contexts. Participation allows members to deepen their knowledge of forensic diagnostics and contribute to research projects. We invite students interested in forensic medicine, radiology, and medical imaging to join.

Admission criteria: from first to 6th year medical students

Recruitment process: To join the Student Scientific Circle of Post-Mortem Imaging at Jagiellonian University Medical College, contact the circle's chairperson via email (Barbara.syska@student.uj.edu.pl) or send a message directly to our Facebook group (https://www.facebook.com/groups/974709766363747).

Contact: barbara.syska@student.uj.edu.pl

SSG of Pediatric and Adolescent Endocrinology

Department: Department of Pediatric Endocrinology, Institute of Pediatrics, Jagiellonian

University Medical College

Chairwoman: Ewa Baran

Supervisor: Professor, DSc Małgorzata Wójcik

About the SSG: The Students' Scientific Group of Pediatric and Adolescent Endocrinology focuses on deepening knowledge in the field of endocrinology, as well as developing both practical and theoretical skills related to clinical and research work.

Admission criteria: The SSG welcomes 3rd–6th year medical students, particularly those interested in pediatric endocrinology and in pursuing scientific and clinical activities in this area.

Recruitment process: If you are interested in joining the SSG, please send your application via email, including a brief statement explaining your motivation to join. The deadline for submissions is October 25, 2025.

Contact: ewa.baran@student.uj.edu.pl

SSG of Gastrointestinal Ultrasound and Pediatric Gastroenterology

Department: Department of Pediatrics, Gastroenterology and Nutrition.

Chairwoman: Wiktoria Schabowska

Supervisor: MD, PhD Anna Stochel-Gaudyn

About the SSG: As part of the Student Scientific Group, ultrasound (USG) workshops are planned for its members. In addition, for those interested, research activities in the field of pediatric gastroenterology are planned, with particular emphasis on imaging studies in gastroenterology.

Admission criteria: Students from the 2nd year of the Medicine program who are interested in the Group's field of study are welcome. No prior experience is required.

Recruitment process: To join the SSG, please fill out the registration form or contact the president directly. Registration form:

https://forms.office.com/Pages/ResponsePage.aspx?id=6yYO676_0keekOvSQm286-vPQfQ9VpVFi0wPRt-UYdBUQjVQU1k2OEE1Q0EzOUlQMDkxNVVHNFBTVi4u

Contact: wiktoria.schabowska@student.uj.edu.pl

SSG of Clinical Immunology

Department: Department of Clinical Immunology

Chairwoman: Oliwia Boruta

Supervisor: MD, PhD Anna Szaflarska

About the SSG: The Student Scientific Group of Clinical Immunology offers students the opportunity to gain experience with patients diagnosed with primary immunodeficiency disorders (PIDs) through activities at the Clinical Immunology Unit. Students can follow the diagnostic process, learn about laboratory methods, and explore their interests in clinical immunology and rare diseases.

Admission criteria: students of 5th-6th year of medicine programe

Recruitment process: To join, please contact the President of the SSG via email or Messenger by October 24, 2025. In your application, briefly describe your interests and expectations regarding the group's activities. The number of places is limited, so applications will be accepted on a first-come, first-served basis.

Contact: oliwia.boruta@student.uj.edu.pl

SSG of Neurology

Department: Department of Neurology, Jagiellonian University Medical College in Kraków

Chairwoman: Aleksandra Bodzioch

Supervisor: MD Paweł Wrona

About the SSG: We invite all medical students of the 2nd-6th year interested in neurology to join the SSG of Neurology. We offer the following activities:

• participation in on-call shifts at the Neurology Department

• participation in scientific projects

• participation in meetings and workshops organized by our group.

Admission criteria: Medical students from 2nd to 6th year interested in neurology

Recruitment process: All interested please contact me by email: aleksandra02.bodzioch@student.uj.edu.pl or via Facebook: Aleksandra Bodzioch

Contact: aleksandra02.bodzioch@student.uj.edu.pl

SSG of Cerebrovascular Diseases

Department: Department of Neurology, Jagiellonian University Medical College in Kraków

Chairman: Michał Lelek

Supervisor: MD, Paweł Wrona

About the SSG: Student Scientific Group for Cerebrovascular Diseases cordially invites all medical students who are enthusiasts of neurology (particularly its vascular and strokerelated aspects) and are eager to engage in various forms of scientific work to join and become active members of our Group!

The Student Scientific Group for Cerebrovascular Diseases (SSG-CVD) is a dynamic and committed group that aims to make a real impact on expanding medical knowledge. We primarily focus on conducting research projects, publishing papers, and presenting our work at conferences.

However, scientific work is not the only advantage of joining our Group— members also have the opportunity to participate in workshops and thematic lectures led by specialists in the field of neurology.

Our SSG maintains close collaboration with the Student Scientific Group of Neurology, which allows for constant exchange of ideas, insights, and scientific cooperation.

Additionally, this year we are planning educational and community-oriented initiatives aimed at raising public awareness about stroke and improving collaboration between medical professionals and post-stroke patients.

Admission criteria: Medical students from 2nd to 6th year interested in neurology and scientific work

Recruitment process: If this description sparked your interest — don't wait, join us!
To apply, please fill out the form below (honest answers are appreciated):

https://forms.gle/r3YdvMH4a39zVTEPA

Contact: michal1.lelek@student.uj.edu.pl

SSG of Evidence Based Dentistry

Department: Department of Peridontology, Clinical Oral Pathology and Prophylaxis

Chairwoman: Natalia Nordahl

Supervisor: Małgorzata Płatek, DDS

About the SSG: During the meetings of the scientific club, we will introduce students to the topic of clinical research – what it involves, how it is designed, and we will also learn how to analyze scientific articles based on such studies. Additionally, students will have the opportunity to actively participate in research projects carried out at our department.

Admission criteria: Dentistry students from English Division, no experience required

Recruitment process: To join the scientific club, please contact the club president via email. Admission is based on the order of applications.

Contact: natalia.nordahl@student.uj.edu.pl

SSG at the Department of Coronary Artery Disease and Heart Failure

Department: Department of Coronary Artery disease and Heart Failure

Chairwoman: Julia Kościanek

Supervisor: Professor, DSc Jarosław Zalewski; and PhD Konrad Stępień

About the SSG: The Student Scientific Group at the Department of Coronary Artery Disease and Heart Failure brings together students interested in cardiology and research. Our projects are regularly published in renowned journals and presented at both national and international conferences. The group focuses on topics such as HFrEF, HFimpEF, HFpEF, Takotsubo syndrome, microcirculatory disorders and coronary artery aneurysms. One of our greatest achievements is the creation of the largest Polish registry of patients with acute heart failure, which enables long-term prognosis assessment. We are also actively involved in establishing CARED-POL (Coronary Artery Ectasia Database – Poland), a nationwide registry of coronary artery aneurysms and ectasia. This project allows students to take part in clinically and scientifically important research conducted in collaboration with multiple centers across Poland. The excellence of our work has been recognized by STN UJ CM awards, including the title of "Best Student Scientific Group."

Admission criteria: Medical students since 3rd year

Recruitment process: To join The Student Scientific Group at the Department of Coronary Artery Disease and Heart Failure, please send your application to sknchorobywiencowej@gmail.com. In your message, please include your name, year of study, and a short description of your previous research experience along with your expectations for participation in the Group.

Contact: julia.koscianek00@gmail.com

SSG of Pediatric Oncology and Hematology

Department: Department of Pediatric Oncology and Hematology, Institute of Pediatrics

Chairwoman: Natalia Zamorska

Supervisor: DSc Małgorzata Czogała, professor DSc. Szymon Skoczeń

About the SSG: The Pediatric Oncology and Hematology Circle is a group dedicated to the rapidly advancing field of medicine. We are looking for individuals with good energy and a willingness to take action! What do we offer?

- Writing scientific papers
- Comprehensive assistance in scientific activities, as well as the opportunity to present them at various scientific conferences
- Participation in on-call duty under the guidance of great specialists
- The opportunity to attend Circle meetings and lectures conducted by worldrenowned scientists

If the description itself has piqued your interest, do not hesitate to write to us via email!

Admission criteria: Medical students from 3rd – 6th year

Recruitment process: By contacting the president, prefferably via e-mail (but may be also via Messenger)

Contact: natalia.zamorska@student.uj.edu.pl

SSG of Humanitarian Medicine

Department: Center for the Humanitarian Medicine

Chairman: Adam Priadka

Supervisor: DSc Bartłomiej Guzik, Associate Professor

About the SSG: The activities of the SSG of Humanitarian Medicine will begin with a series of training sessions on research methodology and scientific writing, conducted by PhD students of JUCM. Afterwards, members will prepare scientific publications under the supervision of academic mentors, including review and original papers based on collected medical data. The group's scope covers broadly understood humanitarian medicine, including research on both communicable and non-communicable diseases in developing countries and in Poland. A particular focus will be the analysis of the impact of infectious diseases - especially HIV, malaria, and tuberculosis - on the development of arterial hypertension and other non-communicable diseases, with special emphasis on African populations. The group will also offer organizational and project-based activities, including collaboration with national and international research centers, participation in conferences and training sessions, and initiatives promoting knowledge in the field of humanitarian.

Admission criteria: We invite medical students (3rd–5th year) have an excellent command of English (spoken and written), are interested in research activities and the Association's field of study, are ready to actively participate in scientific projects, are willing to prepare scientific publications and conference presentations within the Association's activities.

Recruitment process: Recruitment for the Humanitarian Medicine Student Research Group is conducted through the registration form available at:

<u>https://forms.office.com/e/XjANhZPB7B</u> . Admission to the Group will be based on the submitted applications. For any additional questions, please contact the Scientific Group Chairman.

Contact: adam.priadka@student.uj.edu.pl

SSG at the Second Department of Cardiology JUMC

Department: 2nd Department of Cardiology, Faculty of Medicine, Institute of Cardiology, Jagiellonian University Medical College

Chairman: Jakub Garbacz

Supervisor: Jan Roczniak MD; Michał Chyrchel MD. PhD; Bernadeta Chyrchel MD, PhD;

Andrzej Surdacki MD, PhD

About the SSG: The core activities of the Student Scientific Circle at the 2nd Department of Cardiology include conducting scientific research in the fields of preventive, radiological, and interventional cardiology. Members may actively participate in professional conferences organized by the Institute of Cardiology. The SSG also conducts a series of educational sessions dedicated to clinical skills in cardiology, as well as student workshops on the use of statistics and machine learning methods used in scientific publications.

Admission criteria: Medical students from 3rd to 5th year. Basic experience in scientific analysis and academic writing (e.g. from EBM courses or research methodology electives) is required.

Recruitment process: Recruitment process is conducted via Google Forms questionnaire (https://forms.gle/w4YzhduzL1XMbZ4PA) or by a direct e-mail contact with SSG's Chairman (jakub.garbacz@student.uj.edu.pl)

Contact: jakub.garbacz@student.uj.edu.pl

SSG of Nuclear Medicine

Department: Department of Nuclear Medicine

Chairwoman: Kamila Undas

Supervisor: DSc Marta Opalińska

About the SSG: The SSG of Nuclear Medicine offers the opportunity of scientific work for students interested in the subject, as well as broadening their knowledge by attending lectures and learning from specialists during afternoon shifts.

Admission criteria: Students from 3rd to 5th year interested in the nuclear medicine

Recruitment process: Please contact the chairwoman via email:

kamila.undas@student.uj.edu.pl

Contact: kamila.undas@student.uj.edu.pl

SSG of Heart Rhythm Disorders

Department: Department of Electrocardiology, John Paul II Hospital in Kraków, Institute of Cardiology, Jagiellonian University Medical College

Chairman: Dawid Wojnowski

Supervisor: Professor DSc Paweł T. Matusik

About the SSG: We invite all students interested in cardiology, especially in the "electrics of the heart" — electrophysiology, to join our group.

Meetings are held regularly every 3–4 weeks, either in person at John Paul II Hospital (80 Prądnicka St.) or online via MS Teams.

During meetings, members prepare presentations on ECG interpretation or electrophysiological recordings, which are discussed under the supervision of our academic advisor. We also organize guizzes and competitions.

The SSG also offers opportunities for scientific work — we prepare both original research papers and case reports, which are presented at student and professional conferences, and published in journals.

The SSG for Cardiac Rhythm Disorders focuses mainly on research activities and scientific writing. Meetings are organized jointly with the SSG for Electrocardiology to broaden members' knowledge.

Admission criteria: We welcome 2nd–6th year medical students interested in research related to the Association's field. Prior experience in writing scientific papers or research participation is appreciated.

Recruitment process: Contact with the Chairperson is possible via email or Facebook.

Application form: https://forms.office.com/e/PzupnddhTt

Contact: dawid.wojnowski@student.uj.edu.pl

SSG of Clinical Immunology

Department: Department of Clinical Immunology and Transplantology, University Children's

Hospital in Kraków

Chairwoman: Julia Radzio

Supervisor: MD, PhD Anna Szaflarska

About the SSG: Getting to know specific cases of primary immunodeficiencies with particular attention to their etiology, symptoms, prognosis, and treatment. Opportunity to practice physical examination of pediatric patients hospitalized in the Department of Clinical Immunology. Preparing case reports for publication in medical journals. Gaining insight into diagnostic methods used in immunology during laboratory sessions.

Admission criteria: Medical students since 4th year

Recruitment process: Please contact the head of the SSG by email or via a message on Messenger, and in your message explain why you would like to join us

Contact: julia.radzio@student.uj.edu.pl

SSG of Family Medicine

Department: Department of Family Medicine (Bocheńska 4)

Chairwoman: Natalia Wesołowski

Supervisor: Katarzyna Nessler, MD Katarzyna Kracik, MD

About the SSG: SSG of Family Medicine works with doctors who have experience practicing medicine in North America and in Poland, and in turn speak English and Polish. Students from the English & Polish MD programs are welcome to come learn more about Family Medicine, find opportunities to expand their medical knowledge, and learn about topics which interest them. The group provides opportunities for research, conference participation, workshops to aid in the growth of student's general medical knowledge, and the chance to practice practical skills in simulated clinical and emergency settings.

Admission criteria: Students of Medical Program only, no experience required

Recruitment process: To apply to the SSG of Family Medicine please contact the Chairman of the SSG via the provided email (natalia.wesolowski@student.uj.edu.pl). Upon emailing please provide the following: Full Name, Program of Study, Year, and a Short Explanation of Interest in Joining the SSG.

Contact: natalia.wesolowski@student.uj.edu.pl

SSG of Electrocardiography

Department: The Department of Electrocardiology of the Institute of Cardiology, Jagiellonian

University Collegium Medicum

Chairman: Jakub Koziołkiewicz

Supervisor: DSc Paweł T. Matusik, Associate Professor

About the SSG: We invite students to partake in the SSG meetings, where we focus on teaching students the art of ECG interpretation. We hold regular meetings where we teach ECG, discuss ECG cases and diagnostic criteria, as well as comment on the latest research in the field.

Admission criteria: Students from 2nd to 6th year

Recruitment process: Please come to the first meeting of the SSG, held in the Conference Room of John Paul II hospital, on 28.10, 18:00, or contact the SSG chairman (https://www.facebook.com/kubakoziolkiewicz/)

Contact: j.koziolkiewicz@student.uj.edu.pl

SSG of Congenital Heart Disease in Adults

Department: Centre for Congenital Heart Diseases in Young People and Adults at the John

Paul II Specialist Hospital in Krakow

Chairwomen: Barbara Syska-Lamb, Anna Veèr

Supervisor: Professor DSc Lidia Tomkiewicz-Pająk

About the SSG: As part of the scientific club's activities, we plan to hold academic meetings aimed at discussing specific congenital heart defects using clinical cases of adult patients, learning echocardiography and ECG, and accompanying physicians during their shifts. The club's activities are intended to provide practical training in cardiology. We also plan to write and publish scientific papers, as well as participate in scientific conferences, workshops, and similar events.

Admission criteria: Students since 3rd year

Recruitment process: Please write email to address: natalia.bajorek@uj.edu.pl or to email address of Supervisors.

Contact: anna.veer@student.uj.edu.pl, barbara.syska@student.uj.edu.pl

S'GG of Child and Adolescent Psychiatry

Department: Clinical Department of Adult, Child and Adolescent Psychiatry

Chairwoman: Gabriela Leśniowska

Supervisor: MD Aleksander Turek, MD Maria Naruszewicz

About the SSG: Interested in child and adolescent psychiatry?

Join our student society! We create a space for students who are curious about the mental health of young patients. We meet to discuss mental disorders affecting children and adolescents, exchange insights, expand our knowledge, and view psychiatry from different perspectives. Our meetings provide an open environment for discussion and asking questions.

Participants have the opportunity to take part in clinical duties at the Department as well as in research projects. These projects may also include topics related to adult psychiatry.

Admission criteria: Interest in the topic of mental health of childs and adolescents

Recruitment process: Join us by contacting the head of the Students' Scientific Group (SSG): Email: g.lesniowska@student.uj.edu.pl

You can also request to join our Facebook group, where a sign-up form will be available: https://www.facebook.com/groups/sknpsy/

Contact: g.lesniowska@student.uj.edu.pl

SSG of Medical Imaging in Cardiology

Department:

- 1. Department of Nuclear Medicine, St. John Paul II Hospital, 31-202 Krakow, Poland
- 2. Jagiellonian University Medical College, Department of Cardiac and Vascular Diseases, 31-202 Krakow, Poland

Chairpeople: Rabbiya Aslam (English Division, Y6 MD) and Ewa Świerczewska (English Division, Y4 MD) (both are Co-Chairs)

Supervisor: PhD Katarzyna Holcman

About the SSG: The Students' Scientific Group of Medical Imaging in Cardiology (SKN Obrazowania Medycznego w Kardiologii) focuses on developing research and academic writing skills among medical students through research projects related to cardiovascular imaging.

Our members engage in conducting systematic reviews, meta-analyses, and data-based research under faculty supervision, with a focus on diagnostic imaging modalities such as scintigraphy, echocardiography, and cardiac MRI.

The group has published manuscripts in well renowned journals and actively participates in international and national conferences, presenting original research and fostering interdisciplinary collaboration between clinical and research-oriented students.

Admission criteria: Students from MD, both Polish and English Division who are at least in the third year of studies (unless they have prior experience conducting research).

Recruitment process: By contacting the president. Please include your CV, and a short description of why you would like to be part of this Student Scientific Group.

Contact: rabbiya.aslam@student.uj.edu.pl and ewa.swierczewska@student.uj.edu.pl

SSG of Clinical Genetics

Department: Department of Medical Genetics, Institute of Pediatrics

Chairwoman: Hanna Żurek

Supervisor: MD Ewelina Preizner-Rzucidło, PhD Artur Dobosz

About the SSG: Are you curious about science, fascinating genetic research, and its significance for medicine? If so, we have an offer you can't miss!

The Clinical Genetics Student Circle is a place where science enthusiasts come together to delve into the intricacies of clinical genetics, develop research skills, and create projects that impact our understanding of human genetics. What can you expect by joining our Circle?

- Interesting lectures led by experts in the field of clinical genetics.
- The opportunity to participate in scientific research and projects that yield real results.
- A great atmosphere where you'll meet inspiring individuals with a passion for science.

You don't need prior experience in clinical genetics – with our Circle, you'll begin your adventure in your own way, and our senior members and mentors will be happy to assist you at every stage.

Admission criteria: medical students from all years

Recruitment process: By writing an email to the president

Contact: hannakzurek@student.uj.edu.pl

SSG of Dermatology

Department: Clinical Department of Dermatology and Allergology

Chairwoman: Magdalena Jop

Supervisor: DSc Andrzej Jaworek

About the SSG: The SSG of Dermatology brings together students interested in skin diseases and dermatological diagnostics. We plan to organize lectures, workshops, and research projects, as well as participate in scientific conferences, in order to gain practical skills and experience. We strive to develop our competencies in case analysis, dermoscopy, and preparing presentations, while also promoting dermatological knowledge among students.

Admission criteria:

- 1. Completion of at least the third year of medical studies.
- 2. Submission of a completed registration form.
- 3. Demonstrated <u>interest in dermatology</u>, shown in a motivation statement or through previous scientific/academic experience.
- 4. Willingness to actively participate in the activities of the Student Scientific Society, including involvement in research projects, workshops, and scientific meetings.

Recruitment process: To join the SSG of Dermatology, you must have completed the 3rd year of medical studies and fill out the registration form (Forms).

https://forms.office.com/Pages/ResponsePage.aspx?id=6yYO676_0keekOvSQm2864tjku0d6 uxDm3Ak7mBfe8VUQ1hNWFM3MzExWDhYRDY5VUpSRUxJM1dQQi4u

Contact: magda.jop@student.uj.edu.pl

SSG of Experimental Pharmacology in Jagiellonian Centre for Experimental Therapeutics (JCET) at Jagiellonian University

Department: Jagiellonian Centre for Experimental Therapeutics (JCET)

Chairwoman: Marcelina Siwczyk

Supervisor: Professor DSc Stefan Chłopicki

About the SSG: The Jagiellonian Centre for Experimental Therapeutics (JCET) is an interdisciplinary research centre focused on studying vascular endothelium and blood vessels (www.jcet.eu). Research at JCET includes work on animal models (atherosclerosis, heart failure, hyperlipidaemia, endotoxaemia), studies with isolated organs and blood vessels, as well as cellular models. The centre's unique equipment allows for functional, biochemical, histological, and molecular analyses. JCET collaborates with various institutions, including

the University Hospital. Students involved in the research group will participate in ongoing JCET projects. The group also aims to foster a community of students interested in research and pursuing PhD studies at JCET.

Admission criteria: Students eligible to apply:

- 1. Medical students after completing the 2nd year of studies (Faculty of Medicine).
- 2. Grade point average (GPA) from the 1st and 2nd year above 4.0.
- 3. Interest in scientific research and willingness to participate in research projects conducted by the JCET research team.
- 4. Motivation to pursue doctoral (PhD) studies in the future.

Recruitment process: Sending the motivation letter and CV to the Chairperson and Supervisor of the Students' Scientific Group, recruitment meeting

Contact: marcelina.siwczyk@student.uj.edu.pl

SSG of Diagnosis and Treatment of Primary Immunodeficiency Disorders

Department: Department of Clinical Immunology and Transplantology, University Children's

Hospital

Chairwoman: Oliwia Boruta

Supervisor: PhD Anna Szaflarska

About the SSG: SSG of Diagnosis and Treatment of Primary Immunodeficiency Disorders offers students the opportunity to develop their interests in primary immunodeficiencies (PIDs) through hands-on clinical experience in the Department of Immunology. Group members have the chance to observe diagnostic and therapeutic procedures, learn about laboratory methods used in clinical immunology, and gain experience working with patients affected by rare diseases. The group's activities focus on the practical aspect of medical education and expanding knowledge in the field of immunology.

Admission criteria: Medical students from 5th and 6th year

Recruitment process: To join, please contact the Chairman of the SSG via email or Messenger by October 26, 2025. In your application, briefly describe your interests and expectations regarding the group's activities. The number of places is limited, so applications will be accepted on a first-come, first-served basis.

Contact: oliwia.boruta@student.uj.edu.pl

SSG of Internal Medicine

Department: University Hospital in Cracov

Chairwoman: Martina Radwanski

Supervisor: Christopher Pavlinec, MD

About the SSG: Our group is dedicated to helping students deepen their understanding of this diverse and intellectually stimulating field. We aim to create an engaging environment where members can learn directly from practicing clinicians and medical educators through seminars and case-based discussions.

In addition to academic exploration, we hope to arrange bedside learning opportunities, allowing students to observe real patient care and gain early clinical exposure. We also plan to organize hands-on workshops focused on essential skills such as physical examination, clinical reasoning, and patient communication. Whether you're already passionate about internal medicine or simply exploring your options, our group offers a supportive space to connect, learn, and grow alongside like-minded peers.

Admission criteria: English Division MD or DDS students

Recruitment process: Contact the President via email.

Contact: martina.radwanski@student.uj.edu.pl

SSG of Integrated Dentistry

Department: Department of Integrated Dentistry, University Dental Clinic, Jagiellonian

University Medical College

Chairwoman: Mariia Golkina

Supervisor: PhD. Wioletta Bereziewicz, Professor DSc Jolanta Pytko-Polończyk

About the SSG: The Students' Scientific Group at the Department of Integrated Dentistry brings together students passionate about expanding their knowledge and practical skills in modern dentistry. Our activities include writing scientific papers, actively participating in national and international conferences, organizing volunteer initiatives promoting oral health, and conducting workshops aimed at improving manual dexterity. The main goal of our society is not only to deepen theoretical knowledge but also to develop passion and practical skills essential for future clinical practice.

Admission criteria: All dentistry students

Recruitment process: Contact the Supervisors or the President, or join the meetings

Contact: mariia.golkina@student.uj.edu.pl

SSG of Endocrinology

Department: Department and Clinic of Endocrinology, Oncological Endocrinology, Nuclear Medicine and Internal Diseases, Jagiellonian University Medical College

Chairman: Rafał Fyda

Supervisor: PhD Małgorzata Trofimiuk-Müldner

About the SSG: The Endocrinology Students' Scientific Group invites all students interested in deepening their knowledge of hormonal disorders.

Our activities focus primarily on preparing scientific papers, published in renowned journals and presented at national and international conferences. Currently, our research is largely centered on oncological endocrinology – our studies include, among others, genetic rearrangements in papillary thyroid carcinoma. We are also conducting research on pituitary tumors and the hormonal axis disturbances resulting from them. In addition, our society provides opportunities to participate in international research projects, such as ERCUSYN (European Registry on Cushing's Syndrome) and EUthyroid2.

We remain open to all initiatives and ideas proposed by our members. Many aspects of hormonal disorders are still unexplored – we will do our best to help you develop your individual scientific interests in any direction that inspires you!

Admission criteria: Demonstrating interest in endocrinology and a clear vision of involvement in the Society. Willingness to actively participate in the Group's research and educational projects. Positive evaluation during the recruitment interview (for selected candidates). Ability to work in a team and eagerness to develop scientific skills. Note: Prior research experience is not required – motivation, ideas, and engagement are the most important factors.

Recruitment process: If you would like to join the Endocrinology Student Research Society, please fill out the registration form available at the following link: https://forms.cloud.microsoft/e/SUePNPU8ry. The form must be completed by 2nd of November 2025.

After the registration period closes, we will review all applications and contact selected candidates for a short conversation. Our goal is to get to know your interests and motivation better. We are planning to welcome a few new members this semester — if you are passionate about endocrinology, scientific research, and teamwork, we warmly encourage you to apply!

Contact: rafal.fyda@student.uj.edu.pl

SSG at the Department of Pediatrics

Department: Department of Pediatrics, Institute of Pediatrics

Chairwoman: Lidia Ziobro

Supervisor: Professor DSc Przemko Kwinta

About the SSG: As part of the activities of the Student Scientific Group, students have the opportunity to participate in shifts at the Department of Pediatrics, where they can gain practical skills and expand their clinical knowledge. Regular meetings of the group are also held, aimed at deepening members' knowledge and encouraging the exchange of experiences – through the discussion of clinical cases and analysis of selected medical topics. Additionally, the society offers opportunities for scientific involvement, including participation in the preparation of research papers.

Admission criteria: medical students from 3rd to 6th year

Recruitment process: Please contact the chairperson. Kindly include a brief explanation of why you would like to join the group. If you have any ideas for activities or initiatives within the group, please feel free to share them as well.

Contact: lidia.ziobro@student.uj.edu.pl

SSG of Ophthalmology

Department: Ophthalmology and Ophthalmic Oncology Clinical Department

Chairwoman: Anna Veér

Supervisor: DSc Anna Markiewicz

About the SSG: The student escientific group focuses primarily on practical and theoretical meetings. During practical sessions, students examine patients in the outpatient clinic and practice using the slit lamp to gain proficiency. In theoretical sessions, students prepare presentations on interesting ophthalmology topics.

Admission criteria: passing an ophthalmology exam is required

Recruitment process: To join the student circle, you must have passed the ophthalmology exam, so we accept students starting from their 5th year of studies. Interested students are asked to contact the chairman of the circle and explain their motivation for joining.

Contact: anna.veer@student.uj.edu.pl

SSG of Center for Innovative Medical Education

Department: Department of Medical Didactics, Centre of Innovative Medical Education CM

Chairwoman: Maja Wojtylak

Supervisor: DSc Tomasz Tokarek

About the SSG: Research projects proposed by students or student supervisors.

Presentation of research results at national and international scientific conferences.

Manuscripts preparation

Admission criteria: Passing the first year, willingness to participate in scientific research

Recruitment process: Contact with president of the scientific group by email or via Facebook. Presentation of your experience in conducting scientific work and a short description of your scope of interests/research topics

Contact: maja.wojtylak@student.uj.edu.pl

FACULTY OF PHARMACY SSGs



SSG of Drug Discovery

Department: Chair of Pharmaceutical Chemistry

Supervisor: Agnieszka Zagórska, Ph.D., D.Sc., Jakub Jończyk, Ph.D.

Chairman: Aleksandra Skok

About the SSG: implementation of individual projects related to research conducted by the Department of Medicinal Chemistry and the Department of Pharmaceutical Chemistry. These include designing compounds based on molecular modelling, synthesising compounds with potential biological activity, determining structure-activity relationships, optimising lead structures, and determining physicochemical parameters of biologically active compounds. An additional advantage of the group is that it conducts scientific meetings in English.

Admission criteria: students of uniform master's studies in Pharmacy, Medical Analytics from the third year, Drug Discovery and Development, Cosmetology from the first year can apply to the Group.

Recruitment process: contact with the Chairman is on a first-come, first-served basis, with priority given to those continuing to work in the SSG.

Contact: aleksandra.skok@student.uj.edu.pl

SSG of Pharmaceutical Biotechnology

Department: Chair of Technology and Biotechnology of Drugs

Supervisor: Gniewomir Latacz, Ph.D., D.Sc., Professor of Jagiellonian University

Chairman: Anastasiia Kovalchuk

About the SSG: within the SSG, students have the opportunity to actively participate in scientific projects conducted in the Laboratory of Pharmaceutical Biotechnology at the Department of Chemical Technology and Drug Biotechnology and in the Laboratory of Pharmacokinetics and Preliminary Toxicological Studies at CDT-CARD.

Admission criteria: availability, interest in the Group's topics, knowledge of basic laboratory techniques.

Recruitment process: contact with the Chairman or Supervisor of the SSG.

Contact: Anastasiia.kovalchuk@student.uj.edu.pl, gniewomir.latacz@uj.edu.pl

SSG of Enology

Department: Department of Toxicology

Supervisor: Maciej Gawlik, Ph.D., Eng.

Chairman: Joanna Bąk

About the SSG: SSG of Enology at the Department and Toxicology Department of the Faculty of Pharmacy of the Jagiellonian University Medical College. This is one of the few Student Poland, that in Scientific Groups in and one can assume dealing with the issues of knowledge about grape wine. The SSG was established on the basis of the nationwide boom concerning grape wine and its health-promoting properties. The circle fits into the French model of educating enologists at pharmaceutical faculties, which is clearly related to the beneficial effects of wine on health. Members of the Circle gain basic orientation in the issues of wine chemistry, biological properties of ingredients, chemical analysis of wine and, what is particularly attractive, in combining elements of sensory evaluation with the composition of wine. The conducted research concerns the influence of various factors on the composition of the polyphenol fraction, which determines the health-promoting activity. The plan is to undertake advanced research on the issue of wine adulteration, which, in the conditions of very dynamic development of the wine industry in Poland, is starting to pose a significant problem in the oenological and legal aspect. The group has special preferences in contacts with the Jagiellonian University Vineyard "Nad Dworskim Potokiem" in Łazy near Bochnia, which creates an additional opportunity for direct contact with the production process for interested persons. The supervisor is Dr. n. pharm. inż. Maciej Gawlik, assistant professor at the Department and Institute of Toxicology of the Faculty of Pharmacy, Jagiellonian University Medical College.

Admission criteria: -

Recruitment process: membership candidates should apply directly to the SSG Supervisor via email at: maciej.gawlik@uj.edu.pl. This is the preferred form of contact. Admission to the SSG is based on the order in which applications are received.

Contact: maciej.gawlik@uj.edu.pl

SSG of Modern Medicinal Chemistry

Department: Department of Physicochemical Drug Analysis

Supervisor: Prof. Marek Bajda, Ph.D.

Chairman: Piotr Woźniak

About the SSG: SSG of Modern Medicinal Chemistry was established in the academic year 2001/2002. Members of SSG take an active part in the scientific and research activities of the Department, participating in experimental work performed by employees. The aim of SSG is to expand knowledge of all aspects of designing and obtaining new biologically active compounds. The form of activity is developed jointly, and the subject matter, although partly related to master's theses, is not limited to them. The issues undertaken as part of the work of the Scientific Circle include molecular modeling techniques using specialized computer software, research on physicochemical and biological properties, and organic synthesis of new compounds with expected activity. The work of students in SSG is summarized in articles in scientific journals and presentations at scientific conferences, both domestic and foreign.

Admission criteria: students from the 1st year of Drug Discovery and Development, students of Pharmacy from the 3rd year (it is possible to join from earlier years, which will be assessed individually).

Recruitment process: contact with the Chairman or Supervisor of the SSG

Contact: marek.bajda@uj.edu.pl, piotr.0.wozniak@student.uj.edu.pl

SSG of Toxicology

Department: Department of Toxicology

Supervisor: Maciej Gawlik, Ph.D., Eng.

Chairman: Ksawery Słonczyński

About the SSG: SSG of Toxicology at the Department of Toxicology of the Faculty of Pharmacy of the Jagiellonian University Medical College has been operating continuously for over a dozen years, providing an excellent supplement to the transfer of knowledge for students interested in toxicological topics during regular classes within the Pharmacy, Medical Analytics and Cosmetology majors.

The members of the Club participate in research conducted at the Department and Department of Toxicology using a wide range of research and analytical methods. The research topics are diverse and include issues of assessing the toxic effects of xenobiotics, assessment of exposure to toxic substances, elements of toxicokinetics and toxicogenomics, and techniques used in toxicological analysis.

The works of the members of the Toxicology Club have been awarded many times at various national and international conferences, including the renowned International Medical University Students' Conference (IMSC) in Krakow. The distinguishing feature of the Group is the wonderful atmosphere and excellent contact with the employees of the Department of Toxicology. The Group organizes a cult in Poland, cyclical scientific conference: In the Circle of Paracelus' Thought, which has recorded 4 editions so far (the 5th did not take place due to the coronavirus pandemic).

The supervisor is Maciej Gawlik, Ph.D., pharm. eng., assistant professor at the Department and Institute of Toxicology of the Faculty of Pharmacy, Jagiellonian University Medical College.

Admission criteria: willingness to actively participate in research and life within the Student Scientific Group.

Recruitment process: You are required to attend the symposium of Student Research Clubs taking place at the Faculty of Pharmacy. If you are unable to attend, please contact the president or the supervisor of the club.

Contact: maciej.gawlik@uj.edu.pl, ksawery.slonczynski@student.uj.edu.pl

SSG of Pharmacometrics

Department: Department of Pharmacokinetics and Physical Pharmacy

Supervisor: Artur Świerczek, PhD.

Chairman: Artur Świerczek, PhD.

About the SSG: the Pharmacometrics Student Scientific Group (SSG) brings together students interested in the quantitative modeling of drugs and biomedical data. We operate in topics related to pharmacy, medicine, and data science: we teach PK/PD modeling (population and mechanistic), study design, analysis of clinical/preclinical data, and model validation. We support the preparation of scientific papers and conference presentations. The Circle is open to students of all years from medical, pharmaceutical, health sciences, biotechnology, and exact science fields.

Admission criteria: individuals interested in PK and PK/PD modeling. Individuals interested in population modeling. Students interested in physiologically-based modeling (PBPK).

Recruitment process:

Preferred contact method: e-mail (artur.swierczek@uj.edu.pl)

In the subject line, write: "SKN Pharmacometrics Recruitment – First Name Last Name".

In the body of the email, state your field and year of study, and briefly (5–7 sentences) describe your motivation and previous experience (if any), continuous enrollment until all places are filled.

Contact: artur.swierczek@uj.edu.pl

SSG of Molecular Pharmacology

Department: Chair of Pharmaceutical Technology and Biopharmaceutics

Supervisor: Tadeusz Karcz, Ph.D.

Chairman: Łucja Adrian

About the SSG: SSG of Molecular Pharmacology focuses on studying the mechanisms of drug candidates at the molecular level. SSG members participate in preclinical research, searching for compounds that interact with various biological targets, such as membrane receptors and enzymes of therapeutic importance. Another key area of student activity is the assessment of drug-like properties of tested substances. The group offers the possibility to learn modern research techniques, such as genetic engineering, flow cytometry, cell cultures, real-time polymerase chain reaction (real-time PCR), and western blotting. Additionally, members have the opportunity to present their findings at scientific conferences and contribute to research publications.

Admission criteria: students of at least the 2nd year of Pharmacy and Medical Analytics studies or at least the 1st year of DDD studies.

Recruitment process: candidates can register for the SSG by contacting the Supervisor or the Chairman via email.

Contact: lucja.adrian@student.uj.edu.pl, <u>t.karcz@uj.edu.pl</u>

SSG of Computational Pharmacy

Department: Chair of Pharmaceutical Technology and Biopharmaceutics

Supervisor: Prof. Aleksander Mendyk Ph.D., Jakub Szlęk, Ph.D.

Chairman: Jakub Sikora

About the SSG: The activities of the Students' Scientific Group are focused on the intersection of modern pharmacy and advanced information technologies, constituting a key element of innovative development. This encompasses the implementation of state-of-the-art data analysis techniques (Data Science) and elements of Modeling and Simulation (M&S) in pharmaceutical sciences. A particular emphasis is placed on the practical application of machine learning (Machine Learning) in solving complex problems of multidimensional data analysis. The knowledge and skills acquired within the Group can be utilized in a number of key research areas. This includes, among others, conducting advanced in silico studies in the preclinical phase, which significantly accelerates the process of new drug discovery. Furthermore, participants gain the necessary competencies for conducting broad data analysis obtained from laboratory tests, such as passive permeability assays (e.g., PAMPA). Simultaneously, intensive programming work is carried out in the Open Source domain, relying on versatile and widely used programming languages in science, such as R and Python.

Admission criteria: pharmacy students, interview with the SSG supervisor. Experience is not required; sufficient time availability, a laptop for offline meetings once a week, and a willingness to expand knowledge in the circle's subject matter are sufficient.

Recruitment process: contact with the Chairman and an interview with the Supervisors of the group.

Contact: jakub01.sikora@student.uj.edu.pl

SSG of Organic Synthesis

Department: Department of Organic Chemistry

Supervisor: Prof. Przemysław Szafrański, Ph.D., Vittorio Canale, Ph.D.

Chairman: Antoni Klimasara

About the SSG: The Organic Synthesis SSG conducts research on the synthesis of organic compounds with potential applications in the fields of pharmaceutical industry and the search for new pharmacologically active substances. We employ classical synthesis methods as well as modern techniques such as mechanochemistry and click chemistry.

Admission criteria: completion of the 1st year of Pharmacy studies.

Recruitment process: you must be a Pharmacy student, have completed your first year of studies, and have successfully completed an Organic Chemistry course. Registration for the SSG will be handled by completing a form sent by the SSG Chairman until the SSG is full. Contact can be made via email or directly to the Chairman.

Contact: antoni.klimasara@student.uj.edu.pl

SSG of Medicinal Chemistry

Department: Chair of Technology and Biotechnology of Drugs

Supervisor: Prof. Jadwiga Handzlik, Ph.D., D.Sc., Eng., Katarzyna Kucwaj – Brysz, Ph.D.

Chairman: Weronika Żandecka

About the SSG: Within the SSG of Medicinal Chemistry, students synthesize compounds with potential biological activity. Members significantly expand their knowledge and laboratory skills in organic chemistry and learn directly about the process of discovering new therapeutic agents. The compounds obtained by the students are subjected to pharmacological testing and the results can be used in publications. The students actively participate in conferences representing their results, where they often become laureates and win awards.

Admission criteria: students of the 2nd, 3rd, and 4th year of Pharmacy or DDD

Recruitment process: contact with the Chairman or Supervisors of the scientific group.

Contact: weronika.zandecka@student.uj.edu.pl,

j.handzlik@uj.edu.pl,

katarzyna.kucwaj@uj.edu.pl

SSG of Laboratory Diagnosticians

Department: Department of Medical Diagnostics

Supervisor: Wirginia Krzyściak, Ph.D., D.Sc., Marcin Magacz, Ph.D.

Chairman: Wiktoria Nowak

About the SSG: the work will focus on precision psychiatry and the neuroimmunology of ischemic stroke. Activities will be interdisciplinary, combining elements of laboratory diagnostics, bioanalytical analysis, neuroimaging, and clinical assessment.

The scope of the Group's activities will include:

- Analysis of the interactions of olanzapine and its metabolites in young patients with schizophrenia.
- Application of LC-MS/MS techniques in precision psychiatry.
- The role of myeloid cells in the pathophysiology of ischemic stroke.
- Correlation of thrombus material composition with clinical outcomes.

Development of New Diagnostic Technologies

This involves working on the development of new diagnostic technologies for identifying formed elements in urine and other biological materials.

The Circle's goal is to develop an innovative research method using an artificial intelligence (AI) algorithm.

Admission criteria: students of Medical Analytics, after completing the 2nd year of studies.

Recruitment process: contact the Chairman or the Supervisors.

Contact: wiktorian.nowak@student.uj.edu.pl,

wirginia.krzysciak@uj.edu.pl,

marcin.magacz@uj.edu.pl

SSG of Pharmaceutical Technology

Department: Chair of Pharmaceutical Technology and Biopharmaceutics

Supervisor: Witold Brniak, Ph.D., Witold Jamróz, Ph.D., D.Sc.

Chairman: Magdalena Piergies

About the SSG: this students' scientific group is dedicated for students interested in expanding their knowledge in the different aspects of pharmaceutical technology, including manufacturing of dosage forms on an industrial scale and learning about the mechanisms and relationships responsible for the properties of different dosage forms. The scope of the group's activity includes modern forms of pediatric and geriatric dosage forms, learning the research methodology, development and formulary work, including:

- development of modified release minitablets;
- dealing with problems of modern formulary;
- application of modern technologies to improve the properties of the final form of the drug.

It is planned to publish research results in the form of conference papers and in the form of articles in peer-reviewed scientific journals.

Admission criteria: completion of the second year of studies in Pharmacy, studies in the field of Drug Discovery and Development.

Recruitment process: members can join the Student Scientific Group of Pharmaceutical Technology by contacting the Chairman via e-mail or Messenger. It is enough to send a short message expressing your willingness to join and describing your scientific interests.

Contact: Messenger – Magdalena Piergies, E-mail – magdalena.piergies@student.uj.edu.pl

FACULTY OF HEALTH SCIENCES SSGs



SSG of Evolutionary Perspective of Health

Department: Department of Health and Environment at the Institute of Public Health, Jagiellonian University Medical College.

Chairwoman: Aleksandra Wachowicz

Supervisor: Professor DSc UJ Ilona Nenko

About the SSG: "Nothing in biology makes sense if considered in isolation from evolution." Evolutionary medicine and evolutionary public health are fields that combine medical science with evolutionary biology. This approach aims to understand the determinants of human health, the causes of disease, and to develop new, more effective therapies and preventive programs than has been possible so far. A look at health with knowledge from evolutionary biology allows for a new understanding of the causes of disease, aging of the organism, and determinants of lifespan. Susceptibility to disease can be explained, among other things, by the existence of evolutionary compromises resulting from the fact that natural selection maximizes reproductive success at the expense of health.

Admission criteria: The only requirement is an interest in the topics covered by the SSG. Students from all fields and years of study are welcome.

Recruitment proces: Please feel free to contact the Chairman of or the SSG Supervisor. The preferred way of contact is by email or MS Teams

Contact: a.wachowicz@student.uj.edu.pl

SSG of Physiotherapy and Neurorehabilitation

Department: Department of Rehabilitation in Internal Diseases, Jagiellonian University

Medical College

Chairman: Ryszard Feret

Supervisor: DSc Małgorzata Kulesa-Mrowiecka, Associate Professor

About the SSG: The Student Scientific Group of Physiotherapy and Neurorehabilitation brings together students interested in modern neurological rehabilitation, neuroplasticity, and functional diagnostics. We run hands-on workshops (neurological exam, gait and balance assessment, functional scales, surface EMG, treatment planning), expert lectures, and EBM-based case discussions. Members engage in research with faculty on stroke, spinal cord injury, Parkinson's disease, multiple sclerosis, spasticity, neuropathic pain, telerehabilitation, and the use of VR/robotics. We hold literature reviews and journal clubs, prepare abstracts and manuscripts, and present at conferences. The Group provides an interdisciplinary environment that connects theory with clinical practice and equips students to work effectively in neurorehabilitation teams.

Admission criteria: The Group accepts students of Dentistry or Physiotherapy who demonstrate motivation for clinical and scientific development in this field. Applicants are asked to send a short motivation letter (up to 150 words) to: ryszard.molek@student.uj.edu.pl

Recruitment proces: To join the SSG of Physiotherapy and Neurorehabilitation, simply send an email to ryszard.molek@student.uj.edu.pl, briefly describing your interests, previous experience (if any), and motivation for joining. No prior clinical experience is required — enthusiasm, commitment, and a genuine interest in neurorehabilitation are what matter most.

Contact: ryszard.molek@student.uj.edu.pl

SSG of Surgical and Operative Nursing

Department: Institute of Nursing and Midwifery, Department of Surgical Nursing

Chairwoman: Wirginia Dąbrowska

Supervisor: DSc Lucyna Ścisło, PhD Małgorzata Paplaczyk – Serednicka, MSN Maria

Pikul

About the SSG: The SSG of Surgical and Operative Nursing brings together students interested in surgical nursing and perioperative patient care. The Group's activities include conducting and presenting scientific research, organizing workshops, training sessions, and meetings with healthcare professionals. Members also assist in educational events and scientific conferences.

The aim of the Society is to:

- Develop theoretical knowledge and practical skills,
- Promote professional values and attitudes,
- Support students in gaining teamwork experience.

Admission criteria: Membership is open to nursing students (years I–III of the Bachelor's degree and years I–II of the Master's degree) who are interested in surgical nursing and operating team work.

Recruitment proces: To join the SSG of Surgical and Operative Nursing, simply contact the president or supervisor of the Society via e-mail or during organizational meetings. Information about recruitment and current events is published on the university website and social media platforms.

Contact: wirginia.dabrowska@student.uj.edu.pl

