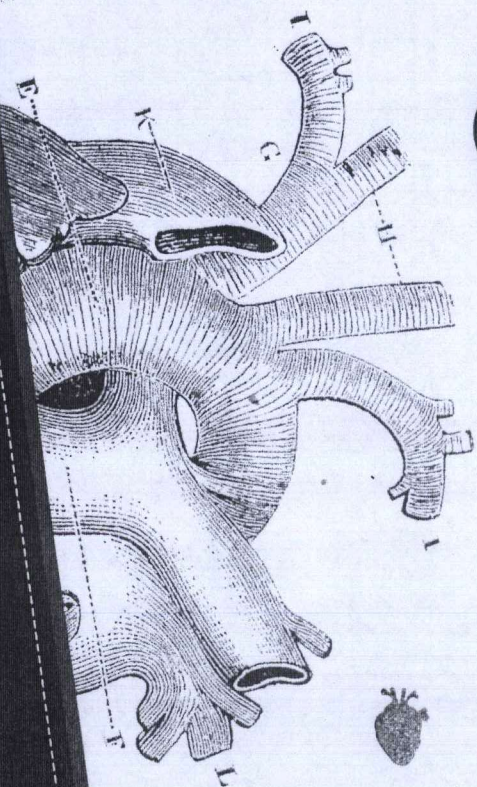


XVIII  
International  
Congress  
of Medical  
Sciences



**INFORMATION  
BOOKLET**

9 - 12 May 2019  
Sofia

# Discover your potential

An undergraduate summer research programme in science and biotechnology

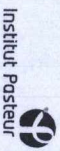
Every year, the Amgen Scholars Europe Programme provides 100 selected undergraduate students with the opportunity to engage in a hands-on research experience at many of Europe's premier educational institutions. Currently, five institutions in Europe host the summer research programme. The Amgen Foundation has committed more than \$50 million over twelve years to the global Amgen Scholars Programme to make this opportunity possible for thousands of students.

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- Interact with and receive guidance from faculty mentors, including some of Europe's top academic scientists; and
- Participate in engaging scientific seminars, workshops, and other networking events.

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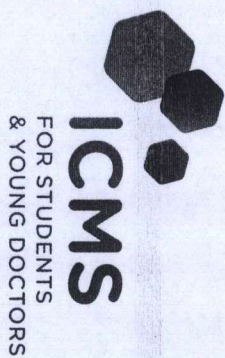
**ETH** zürich



Karolinska  
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UNIVERSITY OF  
CAMBRIDGE



- 2 Welcome notes
- 6 Committees
- 8 Keynote Speakers
- 12 Essential information
- 15 Extended programme
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in the programme!

## Welcome Notes

Dear colleagues,

On behalf of the administration of Medical University - Sofia as well as personally, I would like to congratulate you all on the impressive achievement it is to have organized the XVIII International Congress of Medical Sciences – ICMS 2019.

I truly believe that as one of the organization's most meaningful accomplishments, this event will run smoothly as guaranteed by its longstanding history.



This scientific forum in the realm of medical sciences is one of the biggest conferences organized by a medical student organization across all of Europe. You should all be rightfully proud to have the honor of organizing it, as popularizing the importance of scientific results enables young researchers from all around the world to be able to take their first steps towards scientific achievements.

The program of the congress represents a wide array of scientific problems related to clinical medicine, pharmacy, health management and other medical and biological specialties.

On the edge of innovation, the lecturers and educators visiting from all around the country and the world will surely provide guidance that will inspire and facilitate the choice of your future scientific endeavors.

Through the lectures and sessions, the participation in seminars and workshops, the awards for best presentation and best poster in addition to the cultural diversity present at the congress you have set the ground and ensured that young researchers will be able to obtain indispensable experience in an amicable environment.

I would like to wish the entire organizational committee and all participants first and foremost health as well as the opportunity to do work that is rewarding and valuable. I truly believe that success will follow all of your efforts.

Best of luck, dear colleagues!

**Prof. Victor Zlatkov, MD, PhD**  
**Rector, Medical University – Sofia**

Dear young scientists, colleagues,  
friends and international guests,

As a Dean of the Medical Faculty, it is my utmost pleasure to welcome you at the 18-th edition of the International Congress of Medical Sciences.

I am more than proud to see the result of another year of hard work, dedication and inspiration that the students from the Association of Medical Students in Bulgaria – Sofia have put into ICMS.



The days we are living in are marked by constant progress, countless innovations and many challenges faced everyday by the physicians. This year's edition of ICMS puts the focus on the innovations in medicine which help us to better diagnose and treat patients. Moreover, they shape the future of which you will soon take the lead and, hopefully, leave your mark in the history of science and medicine.

Our young colleagues have prepared for you an interesting programme with a variety of topics to be covered by the keynote speakers and a diverse list of hands-on workshops.

Our Academic Community is sure that the upcoming days will motivate you, challenge your skills and knowledge and help you develop your abilities! We are happy ICMS has become a tradition in our Medical University of Sofia and that it gives a platform for you, the young scientists to present your research, improve your skills and make new friendships.

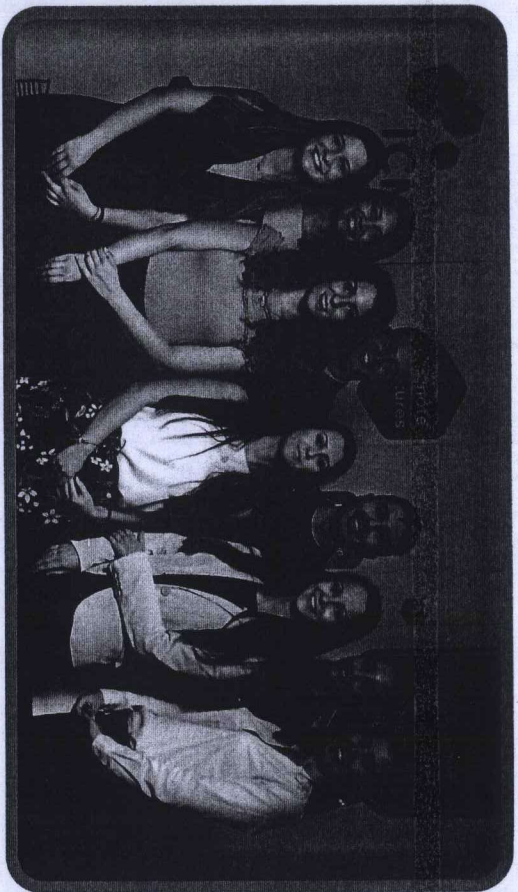
The key of the future progress in medicine is in you!

Dear colleagues and guests, I am happy to welcome you in our university! My belief is that ICMS 2019 will be a source of knowledge and that it will inspire you to bring more innovations into medicine for a better tomorrow!

I wish you a productive congress and hope that you will enjoy our city of Sofia!

**Professor I. G. Mitov, MD, PhD, DSci**  
**Dean of the Faculty of Medicine**  
**Medical University of Sofia**

## Welcome Notes



**ICMS 2019**  
**Organizing Committee**

**Welcome to the XVIII International Congress of Medical Sciences for students and young doctors at the Medical University of Sofia!**

We sincerely hope that the next few days will be full of inspirational talks and innovative ideas which will satisfy your curiosity and thirst for knowledge!

This year ICMS provides you with 5 keynote speakers - leading specialists in their field, 3 days of hands-on workshops and over 170 high quality scientific presentations given by our amazing activeparticipants!

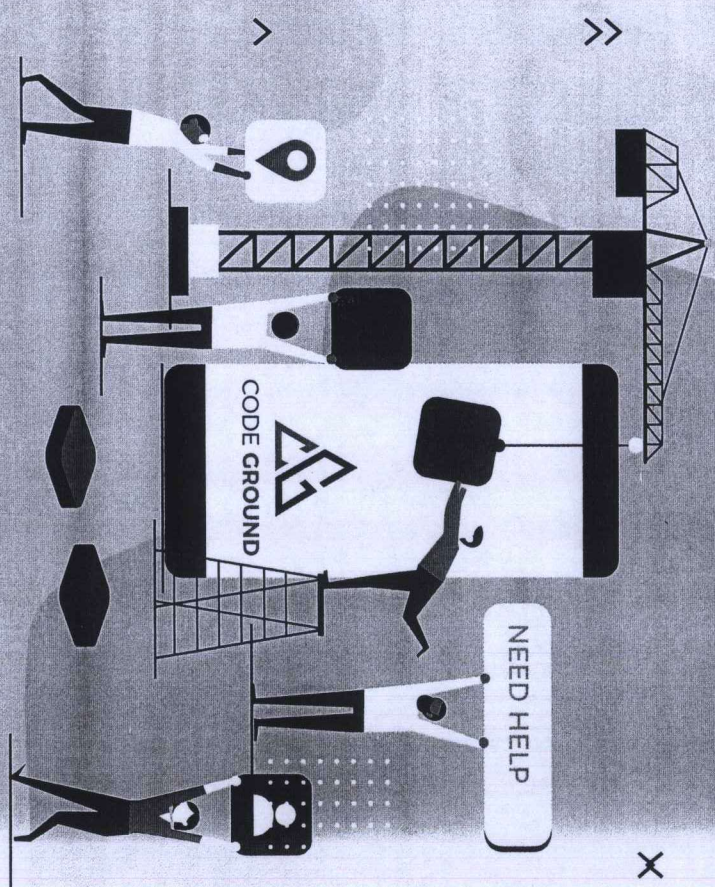
We are extremely happy to welcome students and young physicians from more than 30 different countries in the city Sofia! The main goal of this meeting is to form a big networking platform and establish strong international relations among young researchers in the medical field which will later give rise to the next generation of innovative projects and ideas. So, please, use your time here wisely and make the best efforts to exchange as much experience as possible!

We are thrilled to meet you **ON THE EDGE OF INNOVATION!**  
We wish you an unforgettable experience with ICMS 2019!

**Best regards,**  
**Your 18th ICMS OC**

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Scientific Program



Emiliya Grigorova  
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Desislava Ivanova  
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Applicant Support



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Yoanna Stoyanova  
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Antoana Gocheva  
Public Relations

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Nilian Petrov - Scientific Program  
Teodora Nikolova - Applicant Support

Denitsa Stoyanova - Fundraising  
Simona Stoykova - Fundraising  
Atanasija Filipova - Public Relations

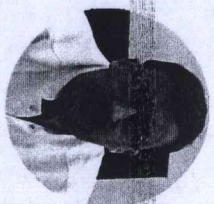
### Student Task Force

Amira Sharkova  
Antoana Uzunova  
Diana Kyorcheva  
Dimitar Petrov  
Dimitar Vasilev

Hristina Markova  
Hristo Iliev  
Hristo Tunchev  
Ivaylo Ivanov  
Kristiyan Drenski  
Laura Todorova  
Linda Stavreva

Lyubo Manolov  
Magdalena Koleva  
Mario Emilov  
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Neji Zdravkova  
Ognyan Bochev  
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Teodora Delcheva  
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Yavor Yordanov  
Yoan Mladenov  
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Zlatin Motishev



Prof. Dr. Viktor  
Zlatkov



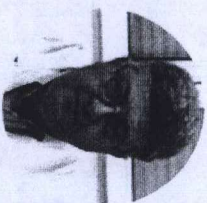
Prof. Dr. Ivan  
Mitov



Assoc. Prof. Tzvetalina  
Tankova



Prof. Tzekomir  
Vodenicharov



Assoc. Prof. Dimitar  
Balanov



Prof. Zdravko  
Kamenov

### Team of Doctors

Dr A. Angelov  
Prof. Dr T. Tankova  
Dr S. Abarova  
Dr L. Traikov  
Ms M. Mannusheva  
Dr A. Sabahov  
Dr V. Vasilev  
Dr S. Georgiev  
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Dr S. Bogovski  
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Prof. Dr M. Deliverska  
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Dr V. Grudeva  
Dr G. Stamenov  
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### Advisory Board

Lefkothea Zacharopoulou – OC President 2018  
Dr Aneliya Kuzeva – OC President 2017  
Dr Nezi Nizamova – OC President 2016  
Dr Simeon Georgiev – OC Vice-President 2016  
Dr Diyana Belezhanska – OC President 2015  
Dr Byurhan Rashid – OC President 2014

## Keynote Speakers



Make sure to wear your badge when attending the Keynote Lectures.

### Prof. Thamara Perera

Consultant Liver  
Transplant Surgeon  
Queen Elizabeth Hospital Birmingham

His research work is focused on cellular metabolism in human marginal and non-marginal liver transplants. He is the first to bring in the use of in situ extracorporeal membrane oxygenation with autologous blood to revive the donation after cardiac death liver grafts from donor warm ischaemia.



Friday, 17:30  
Military Medical  
Academy Hall

## Keynote Speakers

### Prof. Nam Cho

Professor of Preventive Medicine  
President of the International  
Diabetes Federation

Prof. Nam Cho is a world renowned diabetes epidemiologist, who has published over 80 peer reviewed papers on type-1 & type-2 diabetes and gestational diabetes. He is also founder of the type-1 diabetes registry in Korea. His mission is to raise awareness of diabetes to under-developed countries and increase the free access to medicine in these countries.



Saturday, 17:45  
Military Medical  
Academy Hall

### Dr. Eliane Piaggio

Doctor of Immunology  
Winner of the Curie Award for 2017

Head of the Translational Immunotherapy at the INSERM Immunity and Cancer unit, Institute Curie. Her team are devoting their efforts to understanding why immunotherapy is not effective in all patients, so that they can eventually provide solutions to this problem.



Sunday, 16:00  
Aula Maxima  
St. Ekaterina

### Assoc. Prof. Tsvetan Minchev

Head of Thoracic Surgery Department  
Tokuda Hospital - Sofia

Specialises in the use of minimally invasive videoassisted thoracic surgery (VATS), extended pulmonary resection, treatment of postoperative mediastinitis. He is a pioneer in doing a substitution of trachea using a 3D autologous implant.



Sunday, 11:30  
Aula Maxima  
St. Ekaterina

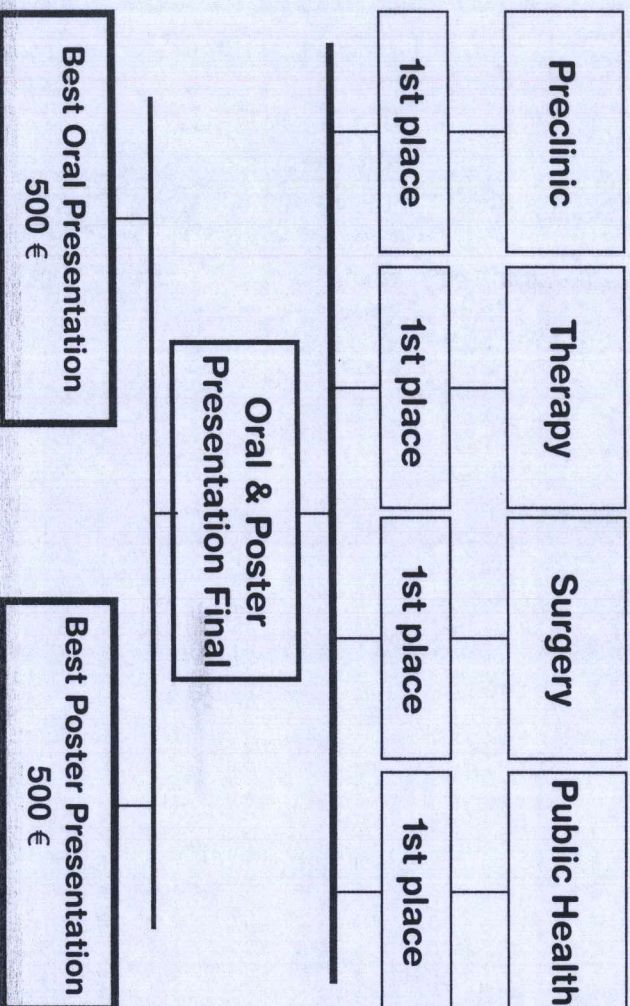
## Awards

The winner of each category will be announced at the information desk and on our app at the end of each day.

Each winner will have the chance to present their oral or poster presentation in front of our Scientific Board and compete for the Best Oral/Poster Presentation Awards.



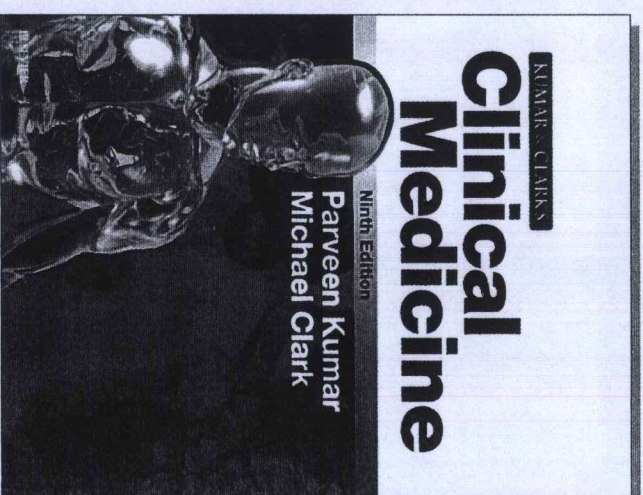
The final winners will be announced at the Closing ceremony of the congress, which will take place on 12th May, 17:30 at St. Ekaterina's Aula Maxima.



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1. Find the Elsevier ballot in your welcome package.
2. Visit three oral or poster sessions during ICMS 2019.
3. Get a stamp on your ballot at the end of each session.
4. Return your ballot at the info desk.

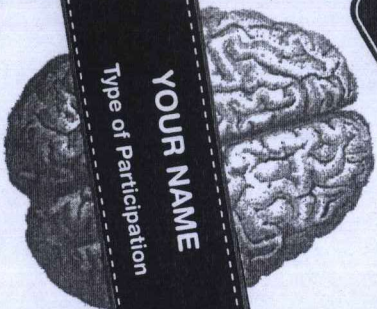


The winners will be drawn  
at the Closing ceremony of ICMS 2019  
at St. Ekaterina's Aula Maxima  
on Sunday, 12th May at 17:30

# Essential information

XVIII  
International  
Congress  
of Medical  
Sciences

ICMS  
FOR STUDENTS  
& YOUNG DOCTORS



- WS 1: Friday Workshop
- WS 2: Saturday Workshop
- WS 3: Sunday Workshop
- Clinical Competition: Yes / No

S15010

Flip it over to see the programme

The color of  
the badge indicates:

- Keynote Speaker
- Member of the  
Organizing  
Committee
- Partner
- Sponsor

Scientific Session and  
Order of Presenting  
(Active Participants)

**Information Desk**  
For any questions, ask the IC members at the Information Desk, located next to the Registration Desk on the second floor of the Congress venue.

**Coffee/Lunch Breaks**  
Coffee breaks are provided between the sessions on the second floor of the Congress venue.  
Lunch will be served at 13:00h on the first floor. Vegetarian dishes will also be provided.

**Meeting Point**  
The meeting point for the workshops you have been assigned to will be announced to you via email. Please arrive at the Meeting point at least 15 minutes prior to the beginning of the workshop.

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- Обесивно-компулсивно разстройство

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# Programme Outline

Thursday, May 9th	Friday, May 10th	Saturday, May 11th	Sunday, May 12th
	8:30 Workshops	8:30 Workshops	9:00 Workshops
	11:00 Coffee Break	11:00 Coffee Break	11:00 Coffee Break
	11:15 Keynote Lecture	11:15 Scientific Sessions	11:30 Keynote Lecture
11:00 Registration	13:00 Lunch	13:00 Lunch	13:00 Lunch
	13:30 Scientific Sessions	13:30 Scientific Sessions	14:00 Poster Finals
	15:30 Coffee Break	15:45 Coffee Break	15:00 Oral Finals
	15:45 Scientific Sessions	16:00 Scientific Sessions	16:00 Keynote Lecture
19:00 Opening Ceremony	17:30 Keynote Lecture	17:45 Keynote Lecture	17:30 Closing Ceremony
20:00 Cocktail	19:30 Sofa Free Tour	20:00 Ace the Case	

# Extended Programme

Friday, 10th May

8:30 | Hands-On Workshops

11:15 | Keynote Lecture - Prof. Thamara Perera:  
Consultant Liver Transplant Surgeon

13:30 | Parallel Oral and poster sessions  
Preclinic Oral Session I

POS1-1: Aleksandra Starosz – Assessment of vitamin D3 effects on Graves disease orbital fibroblasts.

POS1-2: Alex Tzonev – Evaluation of the antinociceptive activity of melatonin and a newly synthesized indol-based arylhydrazone derivative bearing furan moiety

POS1-3: Angeliki Moutafi – Mozart' s music effect over the heart rate variability

POS1-4: Arman Hovhannisyan – Changes of lipid peroxidation in white rats brain mitochondrial fractions during epilepsy

POS1-5: Dimo Dimitrov – A systematic classification of the types of synapses observed in the dorsal claustrum

POS1-6: Dilara Sharipova – A cell model for studying alpha-synuclein interactome in Parkinson's disease

POS1-7: Elena Harizanova – Synaptophysin quantification via advanced morphological filtering of widefield epifluorescence images

POS1-8: Emil Nikolov – The Vascular aging - Psychosocial and Lifestyle Factors

POS1-9: Emiliya Stoyanova – Antitumor activity of Gastropodan hemocyanins in murine model of colon carcinoma

POS1-10: Katarzyna Supruniuk – Pyrazole-platinum(II) complexes influence protein glycosylation in cancer cells

POS1-11: Kinga Szczepaniak – Diagnostic dilemmas with classification of melanocytic lesions – a novel approach to lesions with indeterminate biological behavior

POS1-12: Lampros Fountoulis – Music and its effects on the human body

**Preclinic Poster Session I**

PPS1-1: Annalie Svane – Higher tumor cell proliferation in breast cancer of the young

PPS1-2: Angelina Mollova – Heterogeneous E- Cadherine status in synchronous bilateral invasive lobular carcinoma

PPS1-3: Athanasia - Phaedra Katsiou – Protective effect of kyotorphin against some of the late consequences of intracerebroventricular streptozotocin model of alzheimer's disease

PPS1-4: Dessimir Dinev – Poly(sulfobetaine methacrylate)-based materials as potential wound dressings

PPS1-5: Dimitar Bakalov – Anxiolytic effect of the mesembrenone in rats

PPS1-6: Elena Gerakova – Case Report: Edwards syndrome with immature submandibular teratoma

- PPS1-7: Eleni Konstantara – Neurovascular unit neural control of vascular permeability: mast cells, as mediators and triggers of neuro-inflammatory process and blood vessels at chemical model of parkinson's disease(6-OHDA rats)
- PPS1-8: Elzbieta Suprunik – PGC-1-dependent alterations in lipid profile in L6 myotubes
- PPS1-9: Georgi Bogdanov – Effects of experimental treatment on nociception in a rat model of autism
- PPS1-10: Georgios Dermetzakis – The Menace Of Illicit Drugs
- PPS1-11: Iona Zareba – Down-regulation of estrogen receptor function facilitate proline dehydrogenase/proline oxidase-dependent apoptosis in MCF-7 breast cancer cells.
- PPS1-12: Inaya Mahmoud – Intravital microscopy and ECG for evaluation of Neurovascular Coupling at the Capillary Level and role of Inward-rectifier potassium channels on endothelial cells and Pericytes, leading to endothelial cell hyperpolarization at 6-OHDA rat model
- PPS1-13: Joanna Trucheva – Synergic effects of escitalopram and physical activity in neonatal LPS-model of depression in rats
- PPS1-14: Magdalena Misiura – The effect of prolifase on collagen biosynthesis in fibroblast in vitro.
- PPS1-15: Maria Iazarova – Beneficial effect of snail (*Helix aspersa*) extract on rats with experimental skin wounds, an experimental pilot study
- PPS1-16: Maria Ezhmed – The influence of lipoflavon on proteolytic activity in rats.
- PPS1-17: Marija Djordjevic – The impact of neonatal application of monosodium glutamate on naso-anal length, length of the tail, tibia mass and tibia length in rats
- Public Health Oral Session I**
- PHOS1-1: Ainkarwar Kolappa Pillai – Sleep deprivation among Indian and Ukrainian medical students
- PHOS1-2: Alexandra Marti – Health care associated infections- an actual medical problem
- PHOS1-3: Anna Protek – Do patients with cardiovascular disease follow the guidelines?
- PHOS1-4: Athina- Maria Kalaitzi – Health care associated infections - an actual medical problem
- PHOS1-5: Ebenezer Frimpong – Tswana traditional health practitioners perspectives on the management of diabetes and hypertension: a qualitative study using focus group discussions.
- PHOS1-6: Eliana Boyadzhieva – Association between multiple sclerosis and epilepsy: a case report
- PHOS1-7: Fiola Hyseni – Coffee, smoking and physical activity's effect on BMI and depression
- PHOS1-8: Kristina Asanovic – Parental knowledge, attitudes and behavior to children vaccination in Serbia
- PHOS1-9: Marina Bugarski – The frequency of human parvovirus b19 infections in vojvodina
- PHOS1-10: Mehmejeet Pannu – Fair distribution of Malaria Prophylaxis in children <5 years in Malawi
- PHOS1-11: Milirailo Svetozarevic – Use of non-steroidal anti-inflammatory drugs among students – a cross sectional study at faculty of medicine and electrical engineering in nis
- PHOS1-12: Orla Manushtak – Development of the web-service model for the evidence-based pharmaceutical care support
- PHOS1-13: Oshin Behl – The Effects of Font Style and Size on Memory in Middle School Children
- PHOS1-14: Tea Alexandrova – Patterns in the consumption of energy drinks in children and adolescents in Bulgaria

- 15:45 | Parallel oral and poster sessions**
- Prelimic Oral Session II**
- POS2-1: Lyuliyana Gineva – Thermal behavior of brain supernatant and blood plasma for streptozotocin model of dementia in rats
- POS2-2: Mariena Tymecka – NLRP3 inflammasome activation is regulated via BAF6-BAFFR signaling in LPS stimulated monocytes
- POS2-3: Militsa Tymecka – Metaplastic carcinoma of the breast – a rare but very aggressive type of breast cancer
- POS2-4: Militsa Telybyska – Electron microscopic study on the renal alterations in spontaneously hypertensive rats
- POS2-5: Oleksandr Semaka – The role of ethylmethylhydroxypridine succinate in the stabilization of magnetic nanoparticles and their anti-anaemic activity
- POS2-6: Oyinlola Bello – Brothers with rare genetic disorders coffin-lowry syndrome & mcaddi: case report
- POS2-7: Paolela Yordanova – Immunohistochemical and semi-quantitative analysis of the expression of nNOS in the left and right ventricle.
- POS2-8: Peter Ivanov – Pulse pressure amplification: the implication of age
- POS2-9: Teodor Angelov – Impact of intracerebroventricular injection of kyotorphin on gyrus dentatus in alzheimer's disease rats' model
- POS2-10: Velik Lazarov – Ultrastructural aspects of the cytoarchitecture of the cat dorsal claustrum
- POS2-11: Veselina Mihaylova – GABA<sub>B</sub> receptor contribution to electroretinographic ON&OFF oscillatory potentials
- POS2-12: Yana Yakimova – How can the variations of serotonin receptor gene provoke depression
- Prelimic Poster Session II**
- PPS2-1: Mario Emilov – Comparing the aggregability of red blood cell from different blood products for transfusion
- PPS2-2: Matej Popnikolov – Absence of musculus palmaris longus in the bulgarian population
- PPS2-3: Milena Duhinska – Interactions between the adrenergic and the endogenous cannabinoid systems in modulation of restraint stress-induced analgesia
- PPS2-4: Mitko Gospodinov – Novel perspectives on megakaryocytes and adipose tissue in arthritis
- PPS2-5: Mohammad Daoud – Strong Association between Serotonin Transporter 5-HTT<sub>1A</sub> variant and psychactive substance (nicotine) use in Turkish Cypriot Population
- PPS2-6: Mustafa Barzev – Light microscopic study of the anterior cruciate ligament
- PPS2-7: Paul Cotoi – A case of Classical Hodgkin's Lymphoma with Nodular Sclerosis - importance of immunohistochemistry markers in diagnosis
- PPS2-8: Petra Popovic – C-kit and neurofilament-in immunoreactivity in rat colon with diabetes mellitus
- PPS2-9: Plamena Simeonova – AMPD1, ACTN3, ACE and their Influence on Gestational Diabetes
- PPS2-10: Severina Semkova – New Redoxomic-based Strategy in Cancer – Predictive Medicine
- PPS2-11: Simona Miteva – Ellagic acid delays progression of neurodegeneration in experimental rodent models
- PPS2-12: Sylwia Lewoniewska – AMPK induces apoptosis/autophagy in breast cancer MCF-7 cells through proline dehydrogenase/proline oxidase (PRODH/POX)

## Extended Programme

- PPS2-13: Thi Yen Ly Huynh – FOX-dependent inhibition of p53 expression in MCF-7 breast cancer cell
- PPS2-14: Veneta Dimitrova – The effect of hypothermic storage on human red blood cell aggregation
- PPS2-15: Weronika Baszanowska – Metformin inhibits collagen biosynthesis facilitating proline availability for PRODH/FOX-dependent apoptosis/autophagy in MCF-7 breast cancer cells
- PPS2-16: Yana Nyankovska – Prospect of using methionine for the biosensors creation.
- PPS2-17: Yana Evtimova – Serotonergic and endogenous cannabinoid systems interact in modulation of heat stress-induced analgesia
- PPS2-18: Zhenya Stefanova – Learning and memory parameters after experimental treatment of rats in a model of fetal alcohol syndrome

### Public Health Poster Session I

- PHPS1-1: Aishat Oladipo – Knowledge, Attitude and Risk Factors of HepatitisB among Waste Scavengers
- PHPS1-2: Antigoni Kolisiasi – Small vessel disease with multi-organ involvement in a child
- PHPS1-3: Aiete Andali6n – Childhood obesity: risk factor for Metabolic Syndrome
- PHPS1-4: Dimitar Marinov – Patients' attitude to medical abortion in Bulgaria
- PHPS1-5: Emanuil Manasiev – Specific factors for personal advancement and the link to the public health
- PHPS1-6: Krassimira Zaykova – A study of some perceptions and knowledge of alcohol usage during pregnancy in Bulgaria
- PHPS1-7: Krzysztof Kiper - The 5HT2A gene polymorphism found associated with alcoholism, depression and suicide attempts.
- PHPS1-8: Martin Mangelov – Medicinal cannabis: policies and practices in some eu countries
- PHPS1-9: Nikolaos Christos Xitaras – Integration of standalone comprehensive information systems in clinical environments
- PHPS1-10: Rodrigo Cerqueda Audirac – IgM antibodies and maternal age: risk factors for patent ductus arteriosus in congenital rubella
- PHPS1-11: Simona Ivanova – Age & gender structure of death from accidental hypothermia in Northern Bulgaria
- PHPS1-12: Stefka Krumova – Molecular Biological Study of the Circulating Measles Virus in Bulgaria, 2019
- PHPS1-13: Theodora Delaporta – Acute Bronchitis
- PHPS1-14: Tsvetelina Stefanova – Analysis of radiopharmaceuticals adverse drug reaction

### 17:30 | Keynote Lecture - Prof. Federico Calzavari:

Professor for Proliferation of Mammalian Neural Stem Cells

19:30 | Sofia Free Tour

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SOFIA  
TOUR



page

19

## Extended Programme

Saturday, 11th May

8:30 | Hands-On Workshops

11:15 | Parallel Oral and poster sessions

### Therapy Oral Session I

- TOS1-1: Adrianna Wasinska – The involvement of humanin in development of Parkinsons disease
- TOS1-2: Alina Ivaniuk – Clinical predictors of reaching disability milestones in patients with multiple sclerosis
- TOS1-3: Alina Kryveshko – Association between non-alcoholic fatty liver disease and cardiovascular diseases
- TOS1-4: Amirkavian Moaveri – Effects of serum autologous therapy in patients with idiopathic chronic urticaria
- TOS1-5: Anamaria Jugariu – Ultrasonography in Sarcopenia: Upper vs Lower Limb – A Pilot Study
- TOS1-6: Anete Jekabsone – Tear film feature marker changes in patients receiving intravitreal injections
- TOS1-7: Antonina Gerganova – Dynamic of volumetric BMD at proximal femur during menopausal transition
- TOS1-8: Arnold Ráduly – Outpatient management of patients with advanced heart failure in Debrecen, Hungary
- TOS1-9: Asila Misasutova – Comparative treatment with different progesterones in women with recurrent miscarriage
- TOS1-10: Cristina Mazarraie – One year mortality in patients with acute pulmonary embolism
- TOS1-11: Denitsa Tsanova – Metabolic disorders in young adults - an exception or a trend? A clinical case

### Therapy Poster Session I

- TPS1-1: Alexander Turchinets – Pharmacoresistant epilepsy in 2.5 year old child with mitochondrial complex I deficiency, nuclear type 12.
- TPS1-2: Blagica Dzidrova – Therapeutic approach in a patient with musculoskeletal manifestations of lupus
- TPS1-3: Christos Kakkou – Dermatomyositis in a patient with leg amputation due to severe peripheral arterial disease
- TPS1-4: Deborah Fasanloye – Affective Disorders
- TPS1-5: Denis Shakir – A differential diagnosis between transsynyretin-related familial amyloid polyneuropathy and toxic polyneuropathy
- TPS1-6: Djordje Marinkovic – Agmatine protective effects in neuroinflammation are mediated by BDNF
- TPS1-7: Elena Krsteva – Therapeutic approach in a patient with spinal disc herniation
- TPS1-8: Elena Peshева – Esophageal Stricture Due To Dissemination Of Breast Cancer
- TPS1-9: Elina Tsvetanova – Pilot studies on antioxidant activity of newly synthesized memantine's derivatives with expected effects on Alzheimer's type dementia
- TPS1-10: Gabriel Zanfir – Gorlin's syndrome. Histological aspects revisited

### Surgery Oral Session I

- SOS1-1: Aista Subba – Thoracic Wall Hydatid Cysts: Rare Type of Recurrent Echinococcosis Disease
- SOS1-2: Andriana Pasinechka – Sentinel lymph node localization method in malignant melanoma – comparison between blue dye, planar, SPECT and SPECT/CT technique

page

SOS1-3: Bilyana Mihova – Haemothorax as a rare complication of a pulmonary sequestration

SOS1-4: Elina Daitey – Trichobezoar with an Absence of Psychosocial Stressors

SOS1-5: Jenny Choi – Mesenteric Thrombosis an analyses on the causes and management of complications

SOS1-6: Julide Kasaboglu – Malignant keratinized sinonasal carcinoma originated from inverted papilloma

SOS1-7: Kaudia Machnicka – Surgical approach for treatment of nutcracker syndrome

SOS1-8: Maria Garalova – Anastomotic leakage in gastrointestinal surgery

### 13:30 | Parallel Oral and Poster Sessions Therapy Oral Session II

TOS2-1: Elton Olluri – Early seizures after ischemic and hemorrhagic stroke

TOS2-2: Georgia-Antonia Kasioni – Adhesive capsulitis as first clinical presentation of psoriatic arthritis.

TOS2-3: Hamed Ibrahim – Rett Syndrome

TOS2-4: Jehona Ibrahim – Pre-stroke statin use was associated with lower risk of in-hospital death

TOS2-5: Luxmi Chand – Risk factors of hypertension in young population

TOS2-6: Maria Dinkova – RSV-infection in early childhood – a challenge for pediatricians

TOS2-7: Mariam Ghazaryan – Use of silicone-hydrogel contact lenses as a treatment of the patients with keratoconus after cross-linking procedure

TOS2-8: Myriam Reisch – Treatment change to relieving psychological and physical distress during High-Dose-Rate Brachytherapy for Cervical Cancer

TOS2-9: Natelija Kostadinova – Complex physical access in a patient with cervical discus herniation

TOS2-10: Navid Tomlinson – Autoimmune related Nonalcoholic Steatohepatitis in 19 year-old male

TOS2-11: Olat Chmura – Relevance of microparticles in blood of patients with endometrial cancer

### Therapy Poster Session II

TPS2-1: Gabriela Panayotova – Clinical case of early diagnosed colorectal adenocarcinoma

TPS2-2: Isidora Jankovic – Prevalence of pulmonary embolism in postoperative patients on CTPA

TPS2-3: Ivana Rambabova – The benefits of kinesitherapy during the period of pregnancy

TPS2-4: Jan Koper – A novel TAZ gene mutation in family with Barth Syndrome

TPS2-5: Jerzy Kroi – Effectiveness of levetiracetam in treating epileptic patients

TPS2-6: Jovan Ilic – Characteristics of spontaneous subarachnoid haemorrhage without headache in a clinical presentation

TPS2-7: Kristin Karadjova – The relation between cardiovascular diseases and celiac disease

TPS2-8: Magdalena Biznakova – Choroid Plexus Papilloma in an infant presenting with epileptic seizures

TPS2-9: Nikola Neshev – Supraventricular tachycardia in the context of congenital cardiomyopathy

TPS2-10: Nikolaos Sevdisis – Cause of admission of Diabetes Mellitus type 2 patients in an Internal Medicine clinic: One-year study

### Surgery Oral Session II

SOS2-1: Nadezhda Stoyanova – Diabetic macular edema treatment with intravitreal application of anti-VEGFs

SOS2-2: Nikolai Kalvachev – Concomitant surgery for treatment of a ventricular aneurysm and dysrhythmia

SOS2-3: Simeon Lichev – Metastases of hepatocellular carcinoma to the heart – a casereport

SOS2-4: Stanimir Atsev – Complicated AVM in 10 year old child - a case report

SOS2-5: Szymon Urban – Modern treatment of degenerative tears of the meniscus - meta-analysis

SOS2-6: Szymon Bien – Results of CRMO treatment with pamidronate and serum parameters fluctuations

SOS2-7: Timur Kyashif – Minimally invasive direct coronary artery bypass - a keyhole to the heart

SOS2-8: Vivian Dutt – Oesophageal Cancer in a 14 year old Male - A Success Story

### 16:00 | Parallel Oral and Poster Sessions Therapy Oral Session III

TOS3-1: Plamena Todorova – Stone analysis and 24h urine evaluation in patients with urolithiasis

TOS3-2: Polina Tsenkova – Subfertility and PCOS - a case report on the effect of metformin on the fecundity in patient with metabolic syndrome and PCOS.

TOS3-3: Polina Tsakova – A case of congenital generalized lipodystrophy (Berardinelli-Seip syndrome)

TOS3-4: Razvan Budeanu – Inter-variability of sarcopenic patients ultrasound investigation – a pilot study

TOS3-5: Simona Despotovska – Primary cardiac hemangioperithelioma incidentally discovered during pregnancy: a case report

TOS3-6: Sorubaan Baskaran – First Presentation of Diabetic Ketoacidosis (DKA) in a patient with Achondroplasia

TOS3-7: Suzan Abdelgafar – Hide and Seek with Erythrocytes

TOS3-8: Svitlana Borysenko – Wernicke encephalopathy in a pregnant woman

TOS3-9: Victoria Tencheva – Case of Malignant Peripheral Nerve Sheath Tumor in Neurofibromatosis

TOS3-10: Yusr Yasin – National Pompe's disease screening program.

TOS3-11: Zulvina Faozanudin – ER & PR expression are correlated with platelet-lymphocyte ratio in breast cancer

TOS3-12: Asta Sulen - Effectiveness of sulfonylurea treatment in children with KCNJ11 neonatal diabetes

### Therapy Poster Session III

TPS3-1: Pantelina Kalakouti – Diabetic Ketoacidosis – A potential life-threatening condition: A Case Report

TPS3-2: Petar Popov False – Positive Test Result for Lyme Disease in Systemic Lupus

TPS3-3: Petya Racheva – Rare Case of Pituitary Adenoma with Co-Secretion of GH, PRL and ACTH

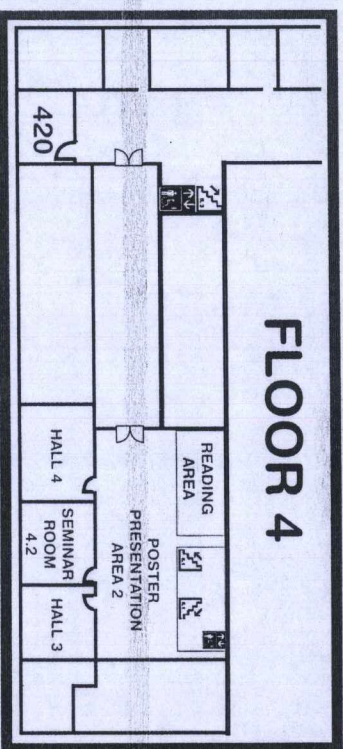
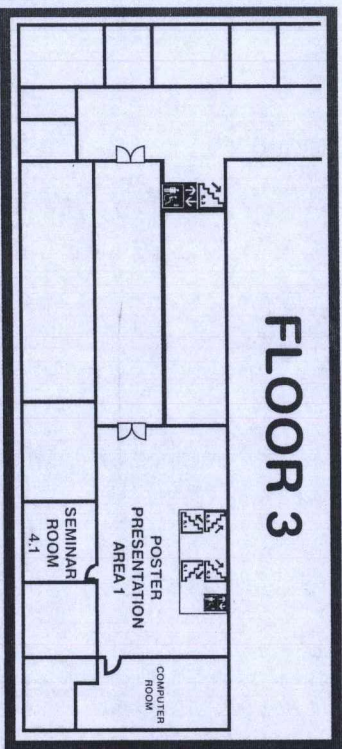
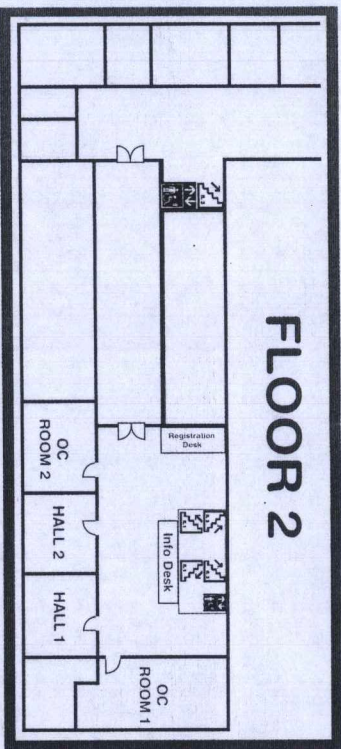
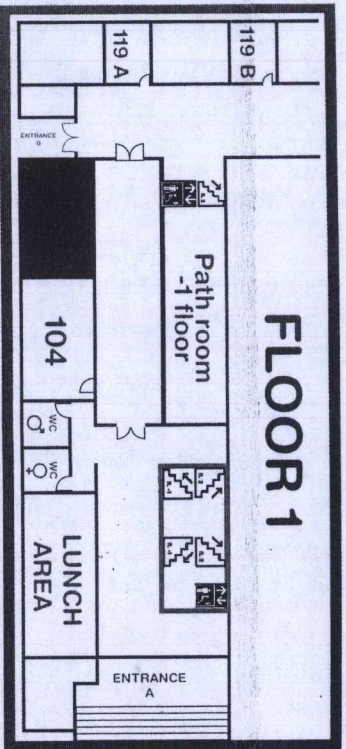
TPS3-4: Stamati Perifanou-Sotiri – Sleep disturbances and cancer

TPS3-5: Stefani Boyadzhiyeva – From radical syndromes due to intervertebral disk herniation to amyotrophic lateral sclerosis

TPS3-6: Tamara Janeva – Therapeutic approach in a patient after tibial shaft fracture

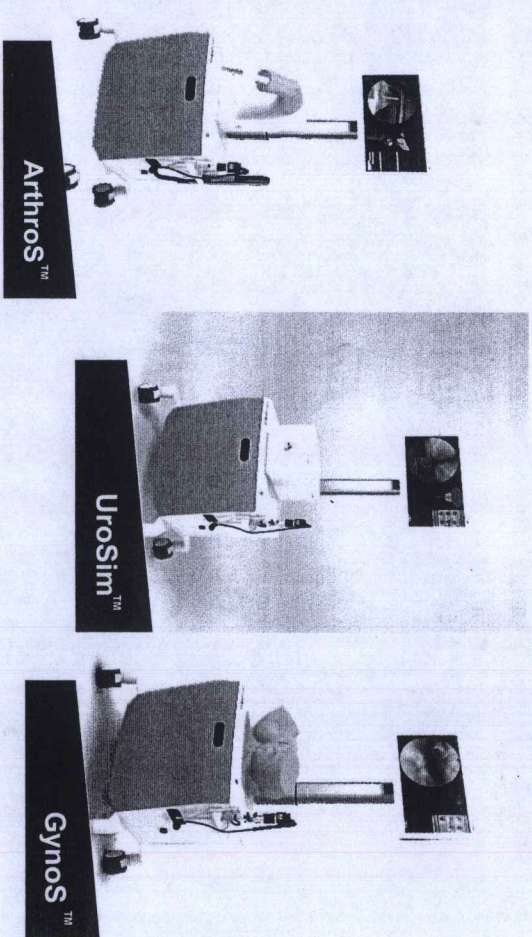
TPS3-7: Teodora Yanakieva – Serum thyroid autoantibodies and development of Hashimoto encephalopathy as a complication in patients with Hashimoto thyroiditis



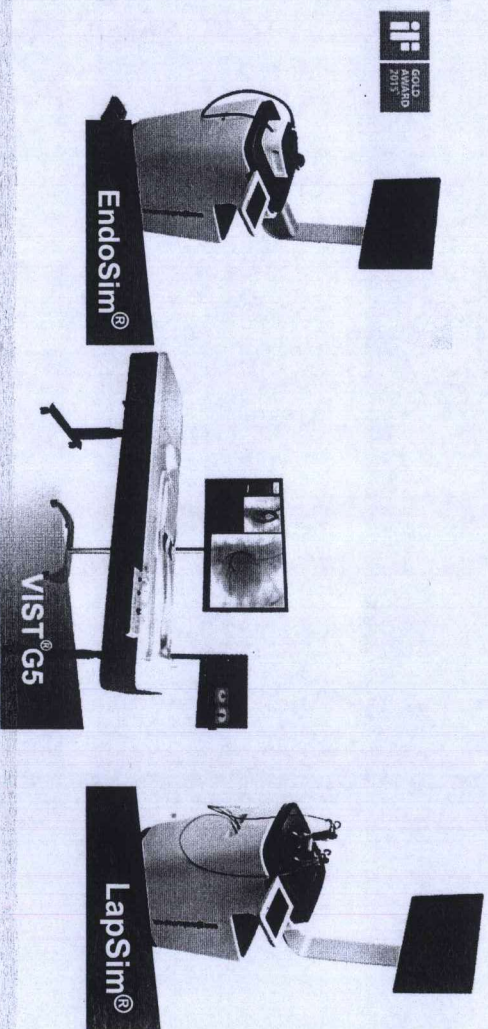


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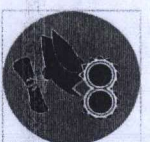
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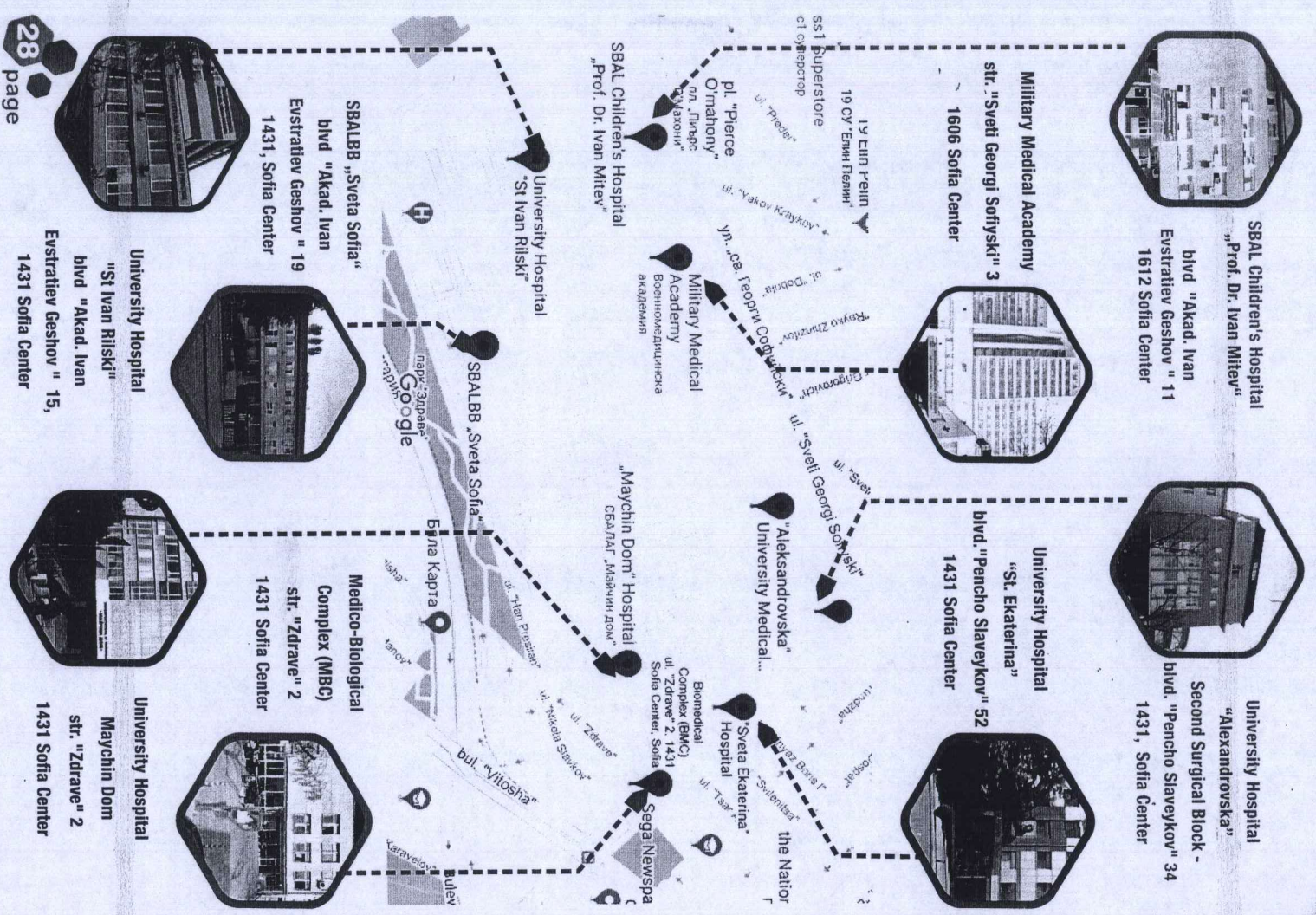


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