

## INTERNATIONAL MEDICAL OLYMPICUS ASSOCIATION

With the cooperation of International Advisors

51 Hermou Str, P.C. 54623, Thessaloniki, Macedonia - Greece,

Tel: (+30) 2310229133, [mollympicus@gmail.com](mailto:mollympicus@gmail.com), [www.medolympicus.gr](http://www.medolympicus.gr)

# 5<sup>th</sup> International Medical Olympiad

3-6 October 2019

*"Always best" "Αείν αριστέειν"*

*Original papers of social interest from all medical specialties, biosciences and medical technologies. Information: [www.medolympicus.gr](http://www.medolympicus.gr)*

*UEMS-EACCME has granted 20 educational points to the participants*

## Information Booklet

*National Symbols of the Board of International Advisors:*



*Honored Professors: Gurupad Bandopadhyaya and Helmut Sinzinger*

*Hotel Electra Palace-5 stars Hotel, Aristotelous Square 9, Thessaloniki,  
Macedonia, Greece, P.C. 54624*

*Tel: (+30) 2310 294 000, e-mail: [infoskg@electrahotels.gr](mailto:infoskg@electrahotels.gr)*

*Under the auspices of the Ministry of Health, the Hellenic Republic Region of C. Macedonia, Greece, the Mayor of the City of Thessaloniki, the School of Health Sciences, the Research Committee of the Medical School of Thessaloniki, the Medical School of the University of Thessaloniki, ERT3 TV & Radio and TV100 & Radio*



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## **A message from the President of the Organizing Committee**

Dear Colleagues,

Prototype research of social interest is what we wish to present. Quality versus quantity in papers from all medical specialties, medical pharmacology and technology.

One way to improve quality of our research is to communicate with other colleagues, from all medical specialties in order to discuss and evaluate our scientific work. This is what we also wish to have in our Meetings.

Medicine is considered the most important science as also Hippocrates said. Medicine offers pleasure to medical practitioners and comfort to patients.

We shall have a very interesting Workshop on Medical Statistics, on Thursday October 3, 2019.

We hope that International Medical Olympiads will spread widely to many other countries *so that more medical knowledge can be offered to our suffering fellowmen*. It has been known that medical contests were held in ancient Efessos, Asia Minor and in other ancient Greek cities.

We very much depend on our Medical Advisors which according to our constitution meet during the Olympiads and make useful suggestions for improving the overall organization of the Olympiads. The suggestions of our Advisors who met during the previous Olympiad were summed into 7 rules which we all try to imply. You may find these rules on page 3 of this Booklet.

On Sunday morning October 6, all participants and friends are requested to join in a daily excursion to an important archaeological site and museum in Amfipolis, to the birthplace of Aristotle, Stagira, and to Stavros, Chalkidiki. A discussion-lunch will be included.

We welcome you all and hope that you will experience a useful and pleasant stay during the 5<sup>th</sup> International Medical Olympiad.

The President of the Organizing Committee  
Philip C. Grammaticos

## **Seven rules suggested by the Advisors, standing at present for better organizing the Olympiads**

- 1. Homepage.** All information about the forthcoming 5<sup>th</sup> International Medical Olympiad will be included in the homepage of our Association ([www.medolympicus.gr](http://www.medolympicus.gr)). This homepage will be renewed with new information on time.
- 2. International Educational Points.** It's a great pleasure that we obtained twenty (20) EACCME educational points for those MD colleagues who will participate in the Olympiad.
- 3. Financial Benefits.** We shall provide financial benefits to young colleagues, colleagues from underdeveloped countries and those with high cost travel expenses.
- 4. Special Sessions.** It has been suggested to organize special sessions, before or after the main programme of oral presentations like: a) A Workshop about Medical Statistics (it has been organized by Prof S. Sharma and colleagues). b) Organize presentations on “how to” and/or “why” on practical subjects of social interest. c) Satellite sessions can be organized with or without the collaboration or sponsorship of pharmaceutical firms or Institutions.
- 5. Younger Colleagues.** Try to communicate with younger colleagues through various local Medical Societies or by personal contact, in order to inform them of the benefits of the International Medical Olympiads and invite them to participate. Advisors may be very helpful on this goal. Younger colleagues will also be encouraged to participate in the above special sessions, guided by senior colleagues, to the Organizing Committee and in other parts of the programme. Younger colleagues may have financial support as mentioned above.
- 6. Constitutional Advisors.** The constitutional Advisors are very important in organizing the International Medical Olympiads and represent their Countries. Their kind, voluntary contribution aims to support the submission of original papers of social interest and to inform colleagues from their Countries of the benefits of the Olympiads. Advisors may also wish to propose to the Organizing Committee certain distinguished colleagues to deliver the main lecture of the Meeting and also may evaluate the papers submitted from their Country. Advisors may suggest the chair-persons of the Meeting and also suggest the best papers to receive awards. Advisors may participate in the Organizing Committee.
- 7. A Sponsored Competition on a Special Subject.** To encourage sponsors, Individuals, Institutions or Pharmaceutical Firms to sponsor under their name (like: the John Smith's award) a competition of original papers of social interest. Subjects of this competition like: Alzheimer's Dementia, Lymphomas, Nanoparticles, Genetics etc. will be chosen by the Sponsor. There will be a high financial prize for the winners of this contest and a contribution to our Association for organizing the event.

## **The Administrative Board**

*President: Grammaticos Philip, Vice-President: Tzafettas Ioannis, Secretary: Kokkas Vasileios, Treasurer: Giannoulis Eleftherios, Members: Myronidou Maria, Karamouzis Michail, Foroglou Periclis, Melfou Fani, Siokos Apostolos.*

## **The Organizing Committee**

*Presidents: Grammaticos Philip and Dardavesis Theodoros, Members (alphabetically): Foroglou Periclis, Giannoulis Eleftherios, Karamouzis Michail, Kokkas Vasileios, Melfou Fani, Myronidou Maria, Sardeli Chrysanthi, Siokos Apostolos, Tzafettas Ioannis, Voulkas Chronis.*

## **The Scientific and Awards Committee**

*President: Manthos Anastasios, Members: Dardavesis Theodoros, Grammaticos Philip, Baloyannis Stavros, Tsolaki Magda.*

## **The Group of International Advisors for 20 Countries** (alphabetically)

**1.** Helmut Sinzinger, **Austria**, **2.** Tom Karagiannis, **Australia**, **3.** Andreas Petropoulos, **Azerbaijan**, **4.** Frank De Geeter & Alex Sarafidis, **Belgium**, **5.** Chao Ma, **China**, **6.** Lionis Christos & Giagkos Lavranos, **Cyprus**, **7.** Poul Høilund-Carlsen, **Denmark**, **8.** Peter Mailänder, **Germany**, **9.** Philip Grammaticos, **President**, **Greece**, **10.** Vasileios Kokkas, **Secretary**, **Greece**, **11.** Gurupad Bandopadhyaya, **Vice-President**, Devinder Dhawan & Suresh Kumar Sharma, **India**, **12.** Amir Nikouei, **Iran**, **13.** Barbara Palumbo & Giuseppe Rubini, **Italy**, **14.** Jun Hatazawa & Tomoaki Yamamoto, **Japan**, **15.** Witold Cholewinski & Agata Pietrzak, **Poland**, **16.** Boris Ajdinovic & Milovan Matovic, **Serbia**, **17.** Mike Sathekge, **South Africa**, **18.** Andreas Petropoulos, **Switzerland**, **19.** Henry Tam, **U.K.**, **20.** Abass Alavi, **President** & Relan Nand, **USA**

## Information

### Meeting venue

Electra Palace Hotel-5 stars, Aristotelous Square 9, PC 54624, Tel: (+30) 2310 294 000, Thessaloniki, Greece. **Official language of the Meeting is English.**

### Fellows of the International Medical Olympic Association - Prizes

In the 5<sup>th</sup> International Medical Olympiad Professor Gurupad Bandopadhyaya from India and Professor Helmut Sinzinger from Austria will be named Fellows of the International Medical Olympic Association in respect of their distinguished prototype scientific contributions in Medicine and their great support to all activities of our Association during the last 8 years. Professor Gurupad Bandopadhyaya and Professor Helmut Sinzinger will be awarded a golden medal and a diploma.

As in all previous Olympiads, three prizes, first, second and third will be awarded to the three best papers among all and will be accompanied by a diploma and a gift.

### Accreditation points from UEMS-EACCME

Twenty (20) educational points have been awarded to those MD colleagues who will attend all events of the 5<sup>th</sup> International Medical Olympiad.

### Registration

Registration fee for attending the programme of the Meeting and/or submitting a paper is 150€. At least one author for every paper submitted shall be registered. Participants may ask for a smaller registration fee. For young colleagues registration fee is 100€. Graduate and post graduate medical students, nurses and technicians: 40€. All other students: free participation.

**For the Workshop** on Thursday, October 3<sup>rd</sup> 2019, there must be an early registration because the number of participants is limited to 45 only. All participants shall receive a certificate of attendance and a booklet describing Medical Statistics and including specific examples. The price for the Workshop is 50€.

Societies or institutions that cooperate for organizing the 5<sup>th</sup> Olympiad will have discount of 30% for all activities during the 5<sup>th</sup> Olympiad.

Sponsors may announce a competition on a subject of their own. For example a subject like breast cancer, lung cancer etc. The best original paper on diagnosis and/or treatment related to this subject will be awarded by a sum named by the sponsor. For more information please call (+30)2310 229133 or write to our email: molympicus@gmail.com

Participation to the daily excursion will be 20€ and for lunch 10€.

### **The Excursion**

All participants to the Olympiad and their accompanying members may participate on the Sunday 6 October 2019 excursion to Amfipolis (the huge lion of Amfipolis, the Museum, fantastic graves of Generals or of Alexander himself), Stagira (Aristotle's birthplace), accompanied by an experienced tourist guide. Lunch in Stavros, Chalkidiki.

The excursion bus will leave Electra Hotel at about 09.15am and return at about 19.00 hours. Please book early.

You may ask the Organizing Committee for partly waiving the above fees.

**You may pay via our account of Iatrikos Olympicos Syndesmos (International Medical Olympicus Association) in Alpha Bank, Komnion 26 str, PC 54623, Thessaloniki, Greece, IBAN: GR500 140 7080 474 002 002 004 801, BIC: CRBAGRAAXXX.** The name of the treasurer is Professor Eleftherios Giannoulis. Please mention the name of the depositor and the purpose of payment.

### **Instructions for Abstracts**

**Deadline** for submission of papers is **Monday, 16 September 2019**. Abstracts may be up to one and a half A4 page long, with borders of 2cm around the text and 1.5 distance between the lines, written in Times New Roman letters size 12, at any format, preferably the format of the *Hell J Nucl Med*, [www.nuclmed.gr](http://www.nuclmed.gr). Abstracts and whole papers may be published after the authors' consent, in the supplement of the Hellenic Journal of Nuclear Medicine (HJNM), I.F 1.008.

**Criteria for the evaluation of papers** *have been*: a) Originality on a new subject-basis: 40%, or on an existing concept: 30%, b) Social impact: 25%, c) Statistical support or sufficient proof of results: 25%, d) Well organized and easily read and understood presentation: 10%.

**The final programme-information's booklet will be distributed to the participants who are registered.** This booklet will include: a) all necessary information about the 5<sup>th</sup> International Medical Olympiad, b) the abstracts of all papers orally presented with 2 questions asked by the Awards Committee and answers by the authors.

**There will be only one invited lecture which will be presented** on Friday evening on the 4<sup>th</sup> of October 2019. Round tables or other lectures are not allowed in the Olympiads. A limited number of original posters may be allowed.

The Chairpersons of every session may have a few minutes to introduce the speakers. *The time allowed for every orally presented paper will be 15min and for discussion 5min. Authors are kindly requested to comply with this timetable. For more information please see our website: [www.medolympicus.gr](http://www.medolympicus.gr) or please contact us at the e-mail address ([molympicus@gmail.com](mailto:molympicus@gmail.com)) of the Association.*

# Preliminary Programme

## Workshop

(Participants will receive a Diploma of Attendance)

**Thursday 3 October 2019**

09.00-09.20     *Registration: For the Workshop. For the Excursion. For all other events.*

### *Workshop on Medical Statistics – First Part*

*Chairpersons:*

09.20-11.45     **Gurupad Bandopadhyaya - Suresh Kumar Sharma - Relan Nand -  
Devinder Dhawan**

- *Descriptive Statistics* (all basic definitions, data, central tendency, dispersion, coefficient of variation, skewness & Kurtosis are covered in the Chapter along with Graphics like: Histogram, Bar, Pie etc.)
- *Sample Size Calculations in Medical Research* (this covers various techniques of sample size calculations for continuous and categorical data. For example, based on margin of errors, Confidence Intervals, Odds Ratio, Risk Ratio etc.)
- *Other Topics may also be presented*

11.45-12.00     *Coffee / Tea break*

### *Workshop on Medical Statistics - Second Part*

*Chairpersons:*

12.00-14.00     **Gurupad Bandopadhyaya - Suresh Kumar Sharma - Relan Nand –  
Devinder Dhawan**

- *Correlation & Regression* (this covers various correlations including Karl Pearson, Spearman's Gamma, Uncertainty Coefficient, Gamma Coefficient, Mathew's correlation and partial correlation etc. Simple and multiple regression techniques along with logistic regression are also covered here with examples from medical sciences).
- *Survival Analysis* (this covers some basic definitions like Cohort, Censoring, survival function, hazard function and their estimation techniques. Also discussed two basic models-Kaplan Meier regression model and Cox-proportional Hazard model.
- *Other Topics may also be presented*

14.00-17.00     *Lunch Break*

### *Workshop on Medical Statistics - Third Part*

*Chairpersons:*

17.00-19.30     **Gurupad Bandopadhyaya - Suresh Kumar Sharma - Relan Nand -  
Devinder Dhawan**

- *Parametric and Non-Parametric Statistics*
- *Generic Associations including Sensitivity, specificity, ROC curve etc. Practical applications*



## Oral Presentation of Papers

(Time for presentation of papers: 10min. Time for discussion: 5min)

### Friday 4 October 2019

09.30-14.30 *Registration: For the Workshop. For the Excursion. For all other events.*

*Genetics, Nuclear Medicine, Plastic Surgery, Pharmacology*

*Chairpersons:*

10:00-12.20 **Helmut Sinzinger (Austria) - Tom Karagiannis (Australia) - Pericles Foroglou (Greece) - Witold Cholewinski (Poland) – Agata Pietrzak (Poland)**

*-The Role of Testosterone to Intrasonal Fertilization  
-Preventive Effects of Acetylsalicylic Acid*

12.20-12.30 *Welcome address - Announcements*

12.30-12.50 *Coffee / Tea break*

*Internal Medicine, Hygiene-Contagious Diseases, Nuclear Medicine, Neurology, Psychology, Gastroenterology,*

*Chairpersons:*

12.50-13.30 **Gurupad Bandopadhyaya (India) - Frank De Geeter (Belgium) - Michael Karamouzis (Greece) - Eleftherios Giannoulis (Greece)**

*-Diet, Gastric Physiology and Body Development  
- The Vital Exhaustion Syndrome*

13.30-14.30 *Advisors' meeting*

14.30 *Lunch break*

*Internal Medicine, Cardiology, Nanosciences, Obstetrics, Gynaikology*

*Chairpersons:*

17.30-19.30 **Poul Høilund-Carslen (Denmark) - Christos Lionis (Greece) - Ioannis Tzafetas (Greece) - Giagkos Lavranos (Cyprus)**

*- Cytotoxic Effect of Radiolabeled Nanoparticles on Glioblastoma Cells in Presence of Anti- $\beta$ -hCG Antibody, G. Arora, G. Bandopadhyaya,  
-Hypoxia Inducible Factor. Applications in Ischemic Heart  
-Better study the means to ease Low Back Pain*

*Invited lecture*

19.30-20.30 **Professor Stavros Baloyannis (Greece)**

*-New Achievements in Neurology and Psychology*

20.30-21.30 *Welcome reception*

## Saturday 5 October 2019

*Ophthalmology, Cardiology, Multimodalities, Hybrid Imaging, Endocrinology, Diabetes, Surgery*

*Chairpersons:*

09.30-11.30 **Peter Mailänder (Germany) - Giuseppe Rubini (Italy) - Fotios Topouzis (Greece) – Evangelia Papavasileiou (Greece) – George Efthymiadis (Greece)**

*-Useful Suggestions for Macular Degeneration  
-Paralytic Ileus*

11.30-12.00 *Coffee / Tea break*

*Neurology, Psychology, Cancer, Pharmacology, Dermatology, Anesthesiology*

*Chairpersons:*

12.00-14.00 **Mike Sathekge (South Africa) - Magda Tsolaki (Greece) - Amir Nikouei (Iran) - Demetrios Ioannidis (Greece) - Milovan Matovic (Serbia)**

*-A Newly Described, Baloyannis-Grammaticos Syndrome  
-Innovative Diagnosis and Treatment of Alzheimer's Dementia - Psychology in children and adults*

14.00 *Researchers' Lunch*

*Nuclear Medicine, Technology, Surgery, Pediatrics, Sleep*

*Chairpersons:*

17.00-19.00 **Tomoaki Yamamoto (Japan) - Alexandros Sarafidis (Belgium) - Boris Ajdinovic (Serbia) - Konstantinos Natsis (Greece)**

*-Plantar Celiac Reflex. Resistant Diarrhea  
-Effects After Normal Sleep*

*Nuclear Medicine, Nephrology, Urology, Neurology-Psychology, Cardiac Surgery, Nuclear Gastroenterology, Sports Medicine*

*Chairpersons:*

19.00-21.00 **Jun Hatazawa (Japan) - Barbara Palumbo (Italy) - Stavros Baloyannis (Greece) - Andreas Petropoulos (Azerbaijan) - Eleftherios Giannoulis (Greece)**

*-Urine Bladder Absorption  
-Effects After Obstruction of Radial Artery*

21.20-22.00 *-Conclusions  
-Nomination as Fellows of our Association of Professor Gurupad Bandopadhyaya and Professor Helmut Sinzinger.  
-Prizes  
-Chorus*

## Sunday 6 October 2019

09.30-18.00 *Excursion to Amfipolis (the huge lion of Amfipolis, the Museum, fantastic graves of Alexander himself or of his Generals), Stagira (Aristotle's birthplace), lunch in Stavros, Chalkidiki, accompanied by an experienced tourist guide.*

**Accommodation:** The following hotels are suggested for the participants of the Olympiad. Prices of the hotels are valid for April 2019 and may differ on the time you may require. Please book about two months earlier. You may inquire more about traveling and accommodation arrangements at our secretariat: [molympicus@gmail.com](mailto:molympicus@gmail.com). For more, you may also visit: [www.medolympicus.gr](http://www.medolympicus.gr).

**Meeting Venue: Electra Palace Hotel/ 5 stars (A),**

Aristotelous Square 9 street, P.C. 54624, Tel: (+30) 2310 249 000.

For a single and double bed room: 165€



**City Hotel/ 4 stars (A), Tel: (+30) 2310 269 421**

Komninon 11 street, P.C. 54624.

Five minutes walk from Electra Palace.

For a double bed room: 79€ - 100€



**Luxembourg Hotel/ 3+ stars (B Sup), Tel: (+30) 231 0252 600**

Rogoti-Komninon 6 street, P.C 54624, Thessaloniki.

Five minutes walk from Electra Palace.

For a single bed room: 68€ - double bed room: 83.50€



**Aegeon Hotel/ 3 stars (B), Tel: (+30) 2310 252 600**

Egnatia 30 street, P.C. 54630.

Twenty minutes walk from Electra Palace.

For a single bed room: 45€ - double bed room: 50€



**Egnatia Palace Hotel/ 4 stars (A), Tel: (+30) 2310 222 900**

Egnatia 61 street, P.C. 54631.

Eight minutes walk from Electra Palace.

For a single bed room: 70€ - double bed room: 80€



**Kinissi Palace/ 4 stars (A), Tel: (+30) 2310 508 081**

Egnatia 41 street, P.C. 54630.

Fifteen minutes walk from Electra Palace.

For a single bed room: 50€ - double bed room: 60€



**Amalia Hotel/ 2 stars (A)**, Tel: (+30) 2310 268 321

Hermou 33 street, P.C. 54624,

Three minutes walk from Electra Palace.

For a single bed room: 45€ - double bed room: 55€



**The Caravan/ 4 stars (A) Bed&breakfast**, Tel: (+30) 2313 062 780

Rebelou 1 and Vamvaka street, P.C. 54631.

Ten minutes walk from Electra Palace.

Single bed not available - double bed on demand



*Under the auspices of the Ministry of Health, the Hellenic Republic Region of C. Macedonia, Greece, the Mayor of the City of Thessaloniki, the School of Health Sciences, the Research Committee of the Medical School of Thessaloniki, the Medical School of the University of Thessaloniki, ERT3 TV & Radio and TV100 & Radio as follows:*



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