Issue 7. June 2017

# EAA Newsletter

## Note from the President



Dear EAA members,

In the current issue of the EAA Newsletter you will find a number of updates, mainly related to our educational activities. The first EAA/ESE course in Clinical Andrology was held in May as a pre-congress event of the European Congress of Endocrinology. It was a highly successful interactive training opportunity for clinical endocrinologists interested in the field of andrology. According to the Memorandum of Understanding signed by the Presidents of ESE and myself, future joint events are planned in 2018.
Since the end of 2015 we have started to organize a novel educational format, the 'EAA schools'. The first of such schools is the EAA Ultrasound school which is now at its second edition. Similarly to last year, the course is truly international with fellows from all over Europe. A new EAA school is organized in Zagreb on "Testis Histology and Pathology for Clinical Andrologists and Embryologists". The number of received applications (deadline was in May) shows very strong interest in this course, for which the EAA provided dedicated travel grants for young clinicians and scientists.
2017 is a special year for the history of the EAA. The first Clinical Andrologist exam was held in Salzburg in 1997 during the International Congress of Andrology (ICA). 20 years later the exam was held again in association with ICA, in Copenhagen. On behalf of the EAA, I would like to congratulate the three fellows who passed the exam. The next exam is scheduled during ECA2018.
Apart from education and training in andrology, we have two other important missions such as dissemination of knowledge and raising scientific standards of andrology in Europe.
In this regard, the biennial European Congress of Andrology (ECA) and the journal 'Andrology' are our best tools to accomplish these missions. The organization of ECA 2018 (October 11-13, 2018) started with the recently held POC meeting in Budapest. The congress website is now available and you are welcome to visit it for further information. In 2015, I indicated the importance of publishing a series of EAA Guidelines as one of my main priorities as EAA President. Although it has taken more time than expected, I am confident that by the end of 2018 the majority of planned Guidelines will be published in "Andrology".
In June we appointed two new Librarians, Dr. Paulo Navarro-Costa (Portugal) and Dr Georgios Kanakis (Greece) who will regularly update us on the best basic science and clinical andrology papers.
Finally, I warmly welcome all new members!

With my best wishes for a beautiful summer,

Csilla Krausz
EAA President

## This issue


Note from the President

Updates on EAA activities

Congresses


## Latest news


New EAA members

EAA Clinical Andrologist Exam 2017

Educational Courses

Novel grants for 2017

ECA 2018 Budapest

EAA Virtual Library

Take a note in your agenda



**EAA Executive Council**

Csilla Krausz - President

Dimitros Goulis - Secretary

Hermann Behre - Treasurer

Members:

Gert Dohle
Andrea Isidori
Osvaldo Rajmil
Wolfgang Weidner

Ex-officio:

Jorma Toppari
Manuela Simoni

## Update on new EAA members (December 2016-May 2017)

We welcome our new Affiliated members!

| | | |
|---|---|---|
| **Dr. Shujian Chen** (China) | **Dr. Andrea Sansone** (Italy) | **Dr. Stanislav Tjagur** (Estonia) |
| **Dr. Giovanni Luca** (Italia) | **Dr. Sven Tennisberg** (Estonia) | |
| **Dr. Kristian Pomm** (Estonia) | **Dr. Angelo Tocci** (Italia) | |

We welcome our new **Academician Prof. Zdravko Kamenov** (Bulgaria)!

## Update on EAA Training Centres

Following a site-visit, the Florence EAA Centre (Director Prof. Mario Maggi, Co-Director Prof. Csilla Krausz) and the Stockholm EAA centre (Director Prof. Stefan Arver) have been re-accredited by the EAA EC for a period of 3 years.

## Update on EAA Clinical Andrologist Exam

The EAA Clinical Andrologist Exam took place during the ICA 2017 Copenhagen on the 5th May, 2017.
We welcome our novel EAA Clinical Andrologists:

- Dr. Swiecicka Agnieszka (UK)
- Dr. Szpak-Ulczok Sylwia (Poland)
- Dr. Wojnar Lukasz (Poland)



**Examiners and fellows at the Clinical Andrologist exam** (from left to right): Prof. Margus Punab, Prof. Csilla Krausz, Dr. Sylwia Szpak-Ulczok, Prof. Jolanta Slowikowska, Dr. Lukasz Wojnar, Dr. Agnieszka Swiecicka .

The next examination will be held in Budapest during ECA 2018.
(for further information see web-page: http://www.andrologyacademy.net/exams ).

## Reports on EAA Educational Courses

### First EAA/ESE joint activity: a practical course in clinical andrology for endocrinologists

**A practical course in clinical andrology for endocrinologists**
**Pre-congress course to the 19th European Congress of Endocrinology**
**20 May 2017, Lisbon, Portugal**

On 20 May 2017 in Lisbon, Portugal, took place the "Practical course in clinical Andrology for endocrinologists", as a pre-congress course of the 19th European Congress of Endocrinology. This course was the first scientific collaboration between the European Society of Endocrinology (ESE) and the European Academy of Andrology (EAA), as a result of a memorandum of understanding signed between the two organizations, represented by their presidents, professors A.J. van der Lely and Csilla Krausz, respectively.
The course had a duration of 6 hours (11:00 - 17:00) and was focused on the diagnosis and treatment of male infertility. The EAA-based faculty extensively discussed issues, such as "Introduction to Andrology" (Csilla Krausz), "Clinical interpretation of semen parameters: from semen analysis to diagnosis" (Csilla Krausz and Dimitrios Goulis), "Genetic testing and counselling: from Klinefelter to Kallmann syndrome" (Csilla Krausz), "Basic knowledge about testis imaging (Andrea Isidori),

"FSH therapy: from hypogonadotrophic hypogonadism to idiopathic oligozoospermia" (Hermann Behre) and "Assisted reproductive techniques: when and why?" (Dimitrios Goulis). The course was enriched by intense interaction between the faculty and the participants by means of extensive Q & A sessions. In addition, a voting system was introduced, through which the participants had the opportunity to test their knowledge and verify their understanding of the provided information. Finally, a 25-page booklet was disseminated, as supplementary material, which contained extensive abstracts of the lectures.

On behalf of ESE, the course was addressed by Prof. Manuela Simoni, with her double identity as secretary of ESE and EAA academician. It was a very well attended course with almost 100 participants, the majority of them being young endocrinologists. The reaction was very positive, as the participants recognized the need for endocrinologists to expand their knowledge in Clinical Andrology and be actively involved in this field. Based on this success, the collaboration between ESE and EAA is expected to be further boosted, according to the memorandum of understanding.




**Speakers and the ESE representative at the EAA/ESE course** (from left to right): Prof. Andrea M. Isidori, Prof. Csilla Krausz, Prof. Manuela Simoni, Prof. Dimitrios Goulis, Prof. Hermann Behre.

## EAA Ultrasound School

The full day theoretical part of the EAA Ultrasound Course "Male Genital Tract and Penile Ultrasound" – Second Edition (Faculty: Dr. Francesco Lotti, University of Florence, Italy and Prof. Andrea M. Isidori, Sapienza University of Rome, Italy) was held successfully in Florence, Italy, on February 11, 2017. Detailed information on the Course program are available at http://www.andrologyacademy.net/education.aspx?ID=4.
Frontal lessons have been given by Dr. Lotti and Prof. Isidori. The theoretical part is followed by an ongoing hand on training (4 weeks) which are taking place in Florence and Rome during these months, with a final exit exam for the EAA Ultrasound Course certification. Application form for the course 2018 will be available soon.



**Fellows attending the EAA Ultrasound Course – Second Edition, and Coordinators** (from left to right): Andrea M. Isidori ("Sapienza" University of Rome, Italy) (Coordinator); Sam Ward (Catholic University Leuven, Belgium); Giovanni Burgio (University of Catania, Italy), Francesco Lotti (University of Florence, Italy) (Coordinator); Marco Bonomi (Universtiy of Milan, IRCCS Istituto Auxologico Italiano, Italy); Kristjan Pomm (Tartu University Hospital, Estonia); Georgios Kanakis (Aristotle University of Thessaloniki, Greece).

## "Andrology Mini-Symposium", 7-9 April 2017

The Second Andrology mini-Symposium held in Zagreb, Croatia The second international mini-Symposium on andrology was held in Zagreb on April 7, 2017. More than 50 registered participants took a part in the Symposium. Croatian Medical Chamber granted the participation with 4 credit points (invited speakers-6). Prominent members of EAA, Profs. Zsolt Kopa, Gert Dohle and Dimitrious Goulis took part in the meeting. Prof. Kopa gave a lecture on the testis sparing surgery, Prof. Dohle on the modern aspects of varicocele, whereas Prof. Goulis

presented interesting lecture on Sertoli cells function and clinical relevance of inhibin B and antimullerian hormone (AMH).
The second part of the Symposium comprised of lectures from experts in the field of reproductive medicine working in Zagreb. Thus, Prof. Dinka Pavicic Baldani spoke about polycystic ovary syndrome (PCOS; this was an exchange lecture with the Croatian Society for Gynaecologic Endocrinology and Reproductive Medicine, Croatian Medical Association); Prof. Jezek presented a lecture on the possible link between cryptorchidism and the increased presence of Reinke's crystals in Leydig cells, whereas Dr. Dinko Hauptman presented one intriguing and rare case of infertile patient with a partial microdelection of region b (AZFb) on Y chromosome.
Prior to mini-Symposium the distinguished guests from EAA (and directors of respective EAA centres in Budapest, Rotterdam and Thessaloniki) participated in presentation of Centre of excellence in reproductive and regenerative medicine, University of Zagreb, School of Medicine. The presentation was followed by a discussion how to boost the co-operation between the EAA centres in the „triangle" Zagreb-Budapest-Thessaloniki, since there is NO any EAA accredited centre in the broader region (i.e. Austria, Slovenia, Bosnia and Herzegovina, Montenegro, Serbia, Kosovo, Bulgaria, Romania, Macedonia....). Prof. Kopa proposed a project on oxidative stress species in the semen (a multicentre study). The design of the study is on its way. Prof. Ježek proposed mini-Symposium to be a biannual conference that will „rotate" between the above-mentioned centres. The organizers of the symposium should also extend an invitation to one or two „senior" EAA centres to provide invited speakers. The next mini-Symposium is scheduled to take place in Budapest, 2019.



**Prominent invited speakers from EAA in Zagreb** (from right to left): Zsolt Kopa, Gert Dohle and Dimitrious Goulis.



**Invited speakers had a chance to meet group leaders and young researchers of Centre of excellence for reproductive and regenerative medicine, School of Medicine University of Zagreb** (from right to left): Valentina Karin, Ana Katušić Bojanac, Zsolt Kopa, Dimitrious Goulis, Gehrt Dohle, Davor Ježek, Floriana Bulić Jakuš, Ingeborg Barišić and Nino Sinčić.

## "Immulogical aspects in andrology", 2-3 March 2017

EAA educational course organized by the Bonn and Halle EAA centres, conducted in Bonn.This was the first EAA course on this topic.
Different sections focussed on the role of testosterone in immunological processes and inflammatory diseases, on the impact of genital tract inflammation/infection on semen quality and on sperm functions relevant for sperm-egg interaction and subsequent induction of pregnancy, on physical findings such as ultrasound characteristics and obstructions of the male genital tract.
Moreover, basic immunological processes in inflammatory conditions of the testis, epididymis and prostate as well as the role of antisperm antibodies were intensively discussed. Not least, immunological factors in female infertility and recurrent abortions completed the programme.
There was a lot of new and interesting information on how testosterone regulates inflammation pointing out that testosterone suppresses leukotriene biosynthesis,and that it has an important immunomodulatory and immunosuppressive role as demonstrated for the model of auto-immune¬orchitis. It was also reported that men with auto-immune diseases and chronic inflammatory skin diseases show hypogonadal testosterone concentrations.
Regarding male fertility the impairment of important sperm functions, such as motility or DNA-integrity, by genital tract inflammation was reported. In addition, the potential inhibition of sperm-egg interaction by the influence of chemokines added a further, novel aspect on disturbing mechanisms of inflammation on the fertilizing capacity of spermatozoa.

The final discussion emphasized the importance of the — so far — neglected issue of inflammation in andrology, and further efforts in research on this topic were encouraged.

## EAA Scholarships and Travel Grants for 2017

There are two calls for presentation in 2017:

The **first call** closes on the 20th June, 2017 **(Bayer EAA scholarship)**
The **second call** closes on the 20th October, 2017 **(EAA scholarship, 2 grants available)**

Description:

A grant worth €1500 is awarded to a clinician, member of the EAA who submits the best application to attend a minimum of 4 weeks training in one of the EAA centres to improve personal skills in clinical andrology.

## EAA Travel Grants

EAA is glad to announce that the winners of the 1st call (deadline 20th January 2017) of the EAA Travel grants are:

**Dr. Daniele Santi**, EAA affiliated member who has attended the ICA 2017 in Copenhagen.

**Dr. Daniele Moreno,** EAA affiliated members who has attended ICA 2017 in Copenhagen.

**Dr. Yong-Gang Duan,** EAA affiliated members who has attended the meeting "Immunological Aspects in Andrology 2017" in Bonn, Germany.

There are another two calls for 2017:

-20th June 2017 (two grants of € 500,00 each)

-20th October 2017 (two grants of € 500,00 each)

Description:

Travel Grants are made as a contribution towards the total cost of attending EAA accredited Training Course or meetings (approved by the Education Committee) in accordance with the eligibility criteria set below.
The application must be submitted to the EAA Secretary, Prof. Dimitrios Goulis and Andrea Isidori no later than the 20th June or 20th October, 2017 by email. For further details see the website: http://www.andrologyacademy.net/grants.aspx

**We thank our sponsors for the 2017 support: Bayer, Fundaciò Puigvert, IBSA, Besins Healthcare.**

## Multicentre Studies

EAA Multicenter Ultrasound Study: an update

The multicenter study "Standardization of male genital tract colour-Doppler ultrasound parameters in healthy, fertile men" (see http://www.andrologyacademy.net/studies.aspx) is progressing very well. So far, 232 subjects have been enrolled, 232 scrotal and 172 transrectal ultrasound have been performed, 200 blood samples have been collected.

## Report on EAA clinical guidelines

The European Academy of Andrology (EAA) guidelines committee has been re-shaped as follows: Giovanni Corona (co-chair), Dimitrios G. Goulis (co-chair), Gianni Forti, Herman M. Behre, Csilla Krausz, Margus Punab, Jorma Toppari, Manuela Simoni (ex-officio). The main task of the committee will be to organize the production of the guidelines during all their phases (assignment, grading, peer-review). The current project aims to produce 12 guidelines that will cover all aspects of laboratory and clinical Andrology. The expected deadline for the project is in May 2018.

The guideline, "Management of Oligo-Astheno-Teratozoospermia", written by G. M. Colpi, S. Francavilla, A. Giwercman, G. Haidl and K. Link will be the first to be published as it is currently under the second round of the peer-review process. Another guideline, "Management of bone health in andrological practice", written by V. Rochira, A. Leen and Dirk Vanderschueren has also been submitted, approaching to its final phase of preparation.

Andrology will publish these guidelines, according to the order of their submission. We do believe that "EAA guidelines" will constitute an updated, practical, clinically oriented and evidence-based text, useful for all scientists and physicians involved in the field of laboratory and clinical Andrology.

## THE 10TH EUROPEAN CONGRESS OF ANDROLOGY: 11 - 13 OCTOBER 2018, BUDAPEST, HUNGARY.

Dear Colleagues,

The 10th Congress of the European Academy of Andrology (EAA) will be held in Budapest, Hungary between October 11-13, 2018. We invite all EAA members and colleagues dealing with andrology to join us for what we hope will be a memorable event. The scientific program will cover all topics of basic and clinical andrology and provide an excellent opportunity to share knowledge and allow broad and in-depth discussions on recent advances in Andrology and related disciplines. As in previous ECA meetings, delegates will have many opportunities to renew old friendships and make new ones and to take part in social programs.
Budapest is one of the most popular touristic destinations. As one of Europe's great cultural cities Budapest offers plenty of opportunities for cultural events and great gastronomic experiences.
We look forward to welcoming you in Budapest at ECA2018 and hope that you will make a special note of these dates in your agenda.




More information about registration, abstract submission, program and accommodation is available on the Congress Website: **www.eca2018.com**

Csilla Krausz
EAA President

Zsolt Kopa
LOC chair

## SCIENTIFIC PROGRAM ORGANIZING COMMITTEE

Chair: Dimitrios Goulis (GR)
Vice-chairs: Giovanni Corona (IT) and Rafael Oliva (ES)

MEMBERS:

Alberto Ferlin (IT)
Aleksander Giwercman (SE)
Sabine Kliesch (DE)
Maris Laan (EE)
Roger Mieusset (FR)

## LOCAL ORGANIZING COMMITTEE

Chair: Zsolt Kopa (Budapest)

MEMBERS:

Mátyás Benyó (Debrecen)
István Király (Szeged)
Tamás Kőrösi (Győr)
István Lantos (Budapest)
George K. Papp (Budapest)
Gábor K. Rosta (Sopron)
Zita Soós (Dunaújváros)

## Forthcoming EAA accredited meetings

-EAA Summer School "Testis Histology and Pathology for Clinical Andrologists and Embryologists" (5-8 September, 2017, Zagreb, Croatia)
-"CeRa Summer School, Basics and Clinics of human reproduction – an interdisciplinary approach" (11-13 September, 2017, Muenster, Germany)
-ICGR-IV Modena 2017 (20 - 23 September 2017, Modena, Italy)
-Course on "Basic semen analysis" (November 13-17, 2017, Stockholm, Sweden)

## EAA Virtual Library

We thank Prof. Weidner and Prof. Hans Christian Schuppe for their precious collaboration as "EAA Librarians" from March 2015 to 2016 and we congratulate with **Dr. Paulo Navarro Costa** and **Dr. Georgios Kanakis**, who have recently been elected as the new EAA Librarians, starting from May 2017.

## Take a note in your agenda!

Applications for the:
•EAA Travel grants (summer call) before 20th of June 12, 2017
•EAA Ultrasound Course – third edition - year 2018 will be soon opened!

**Editors:**

**•Csilla Krausz**
**•Zsolt Kopa**
**kopaandro@gmail.com**

**Designer:**

**•Dorottya Makai**
**dorkamakai@gmail.com**