Message from the ESS President

Dear ESS members, dear colleagues and friends,

the 15th biannual ESS Congress in Vienna in September is already history, but still very present in our minds. It was a very successful and very well organized congress with the spirit of Soheyl and the staff members of the Ludwig Boltzmann Institute. I would like to take this opportunity to thank our past president very much for his unbelievable engagement and energy. Locking on the achievements listed in his note, he was a great president. Soheyl left big foot prints for his followers- the Society is very healthy and in good shape- Thank You!

Recruitment of enthusiastic and active new members is a constant task of the president and all Executive board members of the ESS. Congresses with cutting edge research results and hot topics can definitely stimulate scientists and clinicians to come to our congresses and to join our Society. Together with our next congress president Prof Marc Maegle from the Cologne team I will do my best to organize again a great meeting in Cologne. Most of you might remember the Congress of the International Federation of Shock Societies (IFFS ) in June 2008 with about 900 participants. Now it’s time to come again!

The congress will take place in a nice hotel at a lake in the city of Cologne. We plan to have the congress in conjunction with the 14th International Conference on Complex Acute Illness (ICCAI); we will have a half day of overlapping on September 26. Please regularly check our website www.ess-cologne2015.de

We hope to see you all in Cologne again in September 2015.

Yours,

Eddy Neugebauer

http://www.europeanshocksoceity.org/
Message from the past ESS President

Dear ESS members, dear colleagues and friends,

I am taking this opportunity to express my thanks to the ESS Board, all ESS members and colleagues for their support over the last two years. It was an honor to serve the society as its president, a great experience that I wholeheartedly enjoyed. After taking over the presidency from Salvatore Cuzzocrea in 2011, my challenge was to continue and further improve the successful development of the ESS.

What have we accomplished within the past two years?

- According to the resolution at the General Assembly of the ESS society in September 2011, the ESS was officially registered as a non-profit organization in Vienna, Austria in August 2012 - almost 3 decades after its foundation in 1983.
- The society has created a new very well designed website that provides more international visibility. The ESS website also hosts the website of the International Federation of Shock Societies (IFSS).
- Moreover, following the recent registration, the Society has opened a new ESS account in Vienna. As you might have seen from the treasurer’s report given at the last assembly, ESS is relatively financially healthy. This aspect needs, however, further provision for the future. Financial stability allows us to improve our service to ESS members, in particular to our young scientists.
- The ESS actively supported the initiation, and finally foundation in September 2012, of the Russian Shock Society (RSS). I am very happy to follow the impressive development of our new sibling. In October 2013, after one year of functioning, RSS successfully organized its first local Congress in Moscow. I am convinced that the continued cooperation between the ESS and RSS will be fruitful and will contribute to the development of both societies.
- On the cooperation front, we have actively expanded our cooperation with other clinically-oriented societies, namely the Surgical Infection Society Europe (SIS-E), European Society for Trauma & Emergency Surgery (ESTES), and Society for Complexity in Acute Illness (SCAI). We will also continue our long standing cooperation with European Transplant Coordinator Organization (ETCO).
- Both progress and innovation is built upon “new blood” and ESS has recently received a serious “transfusion”: I am very happy to welcome Drs. Emanuela Esposito, Andrea Szabó, Lev Gerasimov, and Andreas Spittler to the ESS Board. They were elected by the ESS council and confirmed at the 2013 General Assembly in Vienna, Austria. Furthermore, the growing gender balance on the ESS board together with the rich list of female awardees and presenters of the 15th ESS congress, reflects the constantly growing Fem Power in the field of shock research.
- Thanks to the efforts of the organizing committee and the support of an international advisory board, the 15th biannual ESS Congress was successfully organized September 2013, in Vienna. In order to promote research that saves lives, a rich international team of top experts and scientist out of 14 countries and four continents got together to exchange/share the knowledge and latest discoveries in the field of shock, trauma, and sepsis.

http://www.europeanshocksoociety.org/
Finally, it is also important to note the failures. As very often stressed, a long-lasting survival and well-being of the ESS society depends on the active support of its members and council officers. The best way to ensure dynamic growth of ESS is to recruit more enthusiastic and active members whose goals parallel the goals of the society. Unfortunately, I feel that I did not adequately fulfill this task as an acting president during my term. This difficult challenge rests now in the hands of the current and new ESS presidents and I wish them best success. My hope remains that altogether, younger and older, males and females, we are going to continue to bear this important responsibility and will make our society stronger and agile.

In the final word, I am very happy to hand over the “business” to Eddy Neugebauer, our new ESS President. Congratulations and best fortunes! I can step down in peace now as I am convinced that in his hand the ESS will further develop, grow, and become stronger.

Soheyl Bahrami

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**The Treasurer’s Corner**

Dear ESS members,

Given that the organizers, myself included, have almost fully recovered after the recent ESS Congress in Vienna, I feel now ready to write a few words to you again regarding the ESS finance matters. What’s new since my last communication? First of all, the treasurer’s report for the last two years was approved by the general ESS assembly and I will continue as your treasurer for the next office period until 2015. Second, all former ESS society accounts have been closed (this entailed sale of real estate bonds owned by ESS) and we operate using our solo Easybank business ESS account in Vienna. We have shifted to electronic record-keeping as the easiest way of handling ESS finances – the two large boxes filled with paper records of the past financial activities rest securely in our basement. In practical terms this means to me abandoning the exciting investigative work of the past term and re-focusing on mundane but very easy excel spreadsheet oversight – definitely no complaints on my end!

Despite my promises for a vast expansion, I have decided not to venture too far beyond my cozy treasurer’s corner. Well, there is a reason for it. Despite navigating the calmer and clearer waters now, the overall financial stance of the society does not impress. True, we don’t have any outstanding bills to cover and we received an injection of approx. 5 thousand euros after the ESS congress, nevertheless, we operate on miniscule budget of approximately 25 thousands euros in total. This means we have almost no financial cushion and need to “aggressively” work toward improving this balance. A number of positive steps/decisions were taken at the recent ESS council/general assembly that had convened in Vienna this year. Among other things, clear rules for ESS membership & fees have been established: a fixed 2-year fee of EUR 100 for regular and EUR 50 for student members. In time, I trust, a trickling of membership fees will become a swift creek providing a small but steady support to our budget. If you haven’t figured it out yet in-between the lines, here it comes as an open text: PLEASE pay your ESS membership dues timely and rejoice at the next opportunity of paying the full registration fee at the upcoming ESS congress! The question is: Who should (not) pay? If you had paid the respective (either as full or student member) registration dues ...
fee at the last ESS congress in Vienna, you are covered: the 2-year ESS membership fee was already included in the congress registration fee. This fee was then automatically passed on to me and parked in our ESS account (hence the aforementioned 5k income). All other ESS members (who either missed the congress or participated with their fee waived) are kindly urged to get their wallets now. By doing so, you solidify the ESS society, your society. We are happy to receive your funds at:

**European Shock Society**
IBAN: AT13 1420 0200 1093 6552  
BIC: EASYATW1

Please identify your transfer as “full/student ESS membership fee”. Many thanks!

But let’s forget the money (for a brief moment) and think about something more pleasant at the end of the treasurer’s message: Christmas! Well, although money (this time your own not society’s!) inadvertently comes to mind again, I want to wholeheartedly wish you a Merry Christmas and enjoyable holiday break! I dare to think we have all earned it. See you all in 2014!

Your treasurer,

Marcin Osuchowski

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**Message from the ESS General Secretary**

Dear ESS members,

First, I would like to express my sincere thanks to the organizers of the 15th Congress of the ESS accompanied by the 9th Vienna Shock Forum meeting, Soheyl Bahrami, Heinz Redl, Marcin Osuchowski and the whole Vienna team. I think all of us enjoyed informative and exciting oral sessions and poster walks, excellent opportunities to initiate or deepen scientific cooperation and last but not least an exquisite gala dinner at a gorgeous place, the Museum of Natural History.

Now, it’s my pleasure to update you on several activities of the ESS:

The newly created ESS website provides links to upcoming meetings and events, ESS newsletters, our partner societies including the newly founded Russian Shock Society, our cooperation societies and the journal SHOCK. In addition, the website of the International Federations of Shock Societies is integrated. For more information, please visit [http://www.europeanshocksociety.org/](http://www.europeanshocksociety.org/).

The fruitful cooperation with clinically-oriented intensive care societies was visible in a number of joint sessions held at the 15th ESS Congress in Vienna (European Transplant Coordinators Organisation – ETCO, the European Society for Trauma and Emergency Surgery – ESTES, the Surgical Infection Society Europe - SIS-E and the Society for Complexity in Acute Illness – SCAI). To expand and strengthen this cooperation, stimulating joint sessions are already scheduled (e.g. ETCO-EDC Congress 2014 in Budapest, ECTES 2014 in Frankfurt, ESS 2015 with SCAI in Cologne).

Very recently, the ESS received an invitation from Prof. Konrad Reinhart (Director of Dep. for Anaesthesiology and Intensive Care and Chairman Global Sepsis Alliance, Jena, Germany) to become a member of the Global Sepsis Alliance (GSA) and to join the coalition for the World Sepsis Initiative at [http://www.europeanshocksociety.org/](http://www.europeanshocksociety.org/)
Day. After a short discussion, the council voted in favour of the membership. We are convinced that this will increase our international visibility and that we will get in closer contact with highly active people in the field of sepsis and sepsis-related research. The GSA is a non-profit organization supporting the efforts of over 1 million caregivers in more than 70 countries as they seek to better understand and combat what many experts believe to be the leading cause of death worldwide: sepsis. Please see [http://globalsepsisalliance.com](http://globalsepsisalliance.com) for more information. A couple of days ago, the GSA launched the “World Sepsis Day Awareness movie: 97 seconds for sepsis”. The clip is available on the website: [www.world-sepsis-day.org](http://www.world-sepsis-day.org)

One major aim of our society is to support young investigators and to encourage them to participate in ESS activities. Marcin Osuchowski and his team dedicate a lot of time and energy in coordinating junior-oriented events-Marcin is the person behind the JESSMA (=Junior European Shock Society Member Affairs) task force: As already for the 2011 ESS Congress in Taormina they excellently organized the European New Investigator Award Competition (ENIAC), Poster Walk, Travel Awards and Junior Mixer in Vienna 2013 (see News from the JESSMA task force).

One important issue at the General Assembly in Vienna was the voting on new ESS membership requirements and fees. Like pointed out in detail in “The Treasurer’s Corner”, clear rules have been established. ESS membership provides many benefits like reduced congress fees (European and US Shock Society), reduced fee for the journal SHOCK, regular newsletters with updates on all important ESS events and activities, intensive scientific exchanges, the opportunity to join a group with high interest in shock, sepsis and inflammation and the chance to build scientific networks. We strongly encourage you to continue with supporting the ESS, we need your input and please also support us in recruiting new members to strengthen the society and finally, please don’t forget to renew your membership.

Finally, I’d like to thank our outgoing council members Mihály Boros, Yngvar Gundersen, Helder Mota-Filipe, and Bruno Levy for their excellent support over the last years in promoting our society. It was a great pleasure and honor to have you on board.

Many thanks to all of you for the ongoing support of YOUR European Shock Society!

Yours,
Inge Bauer

**Congratulations to**

- **our new President-Elect**

  **Jean-Marc Cavaillon, PhD**, Paris, France

  Prof. Jean-Marc Cavaillon got his Doctorat-ès. Sciences in 1980 at the University of Paris VI. After completing his post-doctoral fellowship at the University of Toronto, he joined the Institut Pasteur (Paris). He is now professor and Head of the Unit "Cytokines and Inflammation."

  At Institut Pasteur, he has been Director of the "General Immunology Course" (1997-2002), Scientific Director of the "Euroconferences" (2002-2006), and director of the Department "Infection and Epidemiology (2006-2009). He has been President (1998 – 2000) of the "International Endotoxin and Innate Immunity Society". He is
Jean-Marc Cavaillon has a specific interest in inflammation and innate immunity, particularly on cytokines, bacterial endotoxins and other Toll-like receptors agonists, endotoxin tolerance, activation of monocytes/macrophages neutrophils and more recently NK cells. He has contributed to define the altered immune status in sepsis and SIRS patients. Jean-Marc Cavaillon is the co-author of a book "Sepsis and non-infectious inflammation: from biology to critical care" published in 2009. He has published more than 145 scientific articles, over 82 reviews and 46 chapters in books on infection, innate immunity and septic shock.

- our newly elected council members

Emanuela Esposito, PhD, Messina, Italy
Dr. Esposito is currently Principal Researcher in Pharmacology in the Department of Biological and Environmental Sciences at University of Messina, Italy. She earned a Master Degree in Pharmacology (2005) at University of Naples and then received her Ph.D. in Clinical & Neurobiological Sciences (2010) at University of Messina. She spent one year as visiting scientist at Yale University (Neurobiology and Comparative Medicine Unit), New Haven, USA. Her current research interests include the identification of novel potential therapeutic targets for autoimmune and inflammatory diseases. Her work appears in more than 150 peer-reviewed scientific publications.

Andrea Szabó, MD, PhD, Szeged, Hungary
Dr. Andrea Szabó works as senior researcher at the Institute of Surgical Research, University of Szeged, Hungary. Her main research interests are pathophysiology of ischaemia/reperfusion injury, septic and haemorrhagic shock, microcirculatory manifestations of injury in various forms of circulatory disorders and microcirculatory processes of the splanchnic, urogenital and locomotive system. In addition, she is highly active in teaching as Head of the Microsurgery Training Unit of the Institute.

Lev V. Gerasimov, PhD, Moscow, Russia
Dr. Gerasimov works at the Negovsky Research Institute of General Reanimatology, Russian Academy of Medical Sciences. During the last four years he has worked as the head of the laboratory of life-supporting technologies in critical care. The laboratory is located in the Botkin’s Hospital - one of the largest clinics in Moscow. Dr. Gerasimov’s research interests are issues of microcirculatory and blood rheology disturbances in patients with trauma and blood loss, as well as related matters of fluid therapy, correction of anemia and transfusion alternatives. Since 2012 he is the Secretary of the newly founded Russian Shock Society.

Andreas Spittler, MD, Vienna, Austria
Prof. Andreas Spittler graduated in medicine at the Medical University of Vienna where he currently has the position as associate professor at the research laboratories at the department of surgery. His profession is pathophysiology with the main focus on monocytes in inflammatory processes and in sepsis immunology. Another key aspect of his work is the field of immune monitoring in critical ill patients. In addition, Andreas Spittler is the head of the core facility “flow cytometry” of the Medical University of Vienna. In January 2014 he will join the SHOCK Editorial Board.

http://www.europeanshockscociety.org/
News from the JESSMA task force

Dear fellow ESS members,

As at the last congress, juniors of the society (and beyond) were pampered to the best abilities of the organizers and had a chance to participate in a number of junior-oriented events, namely, the European New Investigator Award Competition (ENIAC), Poster Walk and Junior Mixer. First, to facilitate strong junior participation in those events and the congress itself, ESS distributed the total of fifteen Travel Awards in the amount of 500 euros each among the applicants based on merit and the need for travel support.

The flagship ENIAC was again an exciting and somewhat bewitched event this year as it had been scheduled on Friday the 13th. Traditionally, it was an extremely covert operation to ensure maximal impartiality during the pre-congress qualification process. Its complex execution can be likened to a successful multi-center, double-blind, placebo controlled phase III clinical trial. Multi-center, because the judges were spread around the globe; double-blind given that nobody knew where the qualifying abstracts came from and by whom the scores were given – in fact, the impartiality of this part was so advanced, that the final scores were calculated by using random number tables; placebo-controlled as we erroneously sent last year’s qualifier abstracts for scoring; and phase III because the top three places were ranked. Long story short: each of the five finalists gave his/her best and it was an excellent, high quality performance overall with the winner receiving a fashionable plaque (and please take the above described qualification process with a grain of salt).

Junior Mixer, this time, was placed on the opening evening of the meeting and this was a very good decision. Supported by quality local wine products and pretzels, the young congress participants had a chance to meet and get to know each other right at the beginning of the congress. This translated into larger and much more diverse “hang out” groups during the follow up days. We will try to implement this schedule at the next congress in Cologne, Germany.

Finally, the Poster Walk evaluation was based on the poster’s scientific content as well as the art quality of the layout and combined with a 3 min “sale” pitch by the presenting author and finished with a ruthless interrogation by the judge. Posters were typically evaluated by groups of ten per single judge. After initial selection of the group’s best, all participating judges presented their selections and collectively chose the top three posters. No award money were involved but the glory of recipients will be forever heralded by elegant diplomas. Actually, we are still on the search for the third place recipient, Dr. Možes. We are still not sure whether he has failed to pick up the prize due to his excessive glee or disappointment? In any case, we urge the Hungarian ESS members to locate the awardee and encourage him to contact us – the certificate patiently waits to be sent out to the recipient.

http://www.europeshockssociety.org/
Unfortunately, despite the best efforts, the organization of the junior events was not free of blunders. Dr. Andruszkow, the rightful and legal recipient of the Travel Award, was erroneously omitted – the sole responsibility is assumed by the undersigned - during the Award Ceremony at the Gala Dinner of the ESS congress. This mistake has been already corrected, at least partly. We again extend our sincere apologies to Dr. Andruszkow for this mishap!

To end on the positive note, we hope the upcoming Christmas/New Year’s break will be a bit slower for all of you: we strongly suggest abandoning (for few hours at least) your lab benches, experiments, manuscripts, revisions, grant proposals and (fill out yourself) and doing something else and relaxing for a change. Merry Christmas!

Marcin Osuchowski
Award Winners: CONGRATULATIONS!

European New Investigator Award Competition ENIAC

Five finalists entered the competition:

Ross Davenport, London, UK; Mariam Gheshlagi, Szeged, Hungary; Sebastian Hafner, Ulm, Germany; Zane Perkins, London, UK and Pierre Raven, Vienna Austria

The winner of the ENIAC was Dr. Zane Perkins
From the Centre for Trauma Sciences, Barts and the London School of Medicine and Dentistry, London, UK for his work on EARLY PREDICTION OF TRAUMATIC COAGULOPATHY USING ADMISSION CLINICAL VARIABLES

2nd place: Dr. Mariam Gheshlagi
From the Institute of Surgical Research, University of Szeged, Szeged, Hungary for her work on IMPROVED OXYGEN DYNAMICS AFTER COMPLEMENT C5A ANTAGONIST TREATMENT IN A LARGE ANIMAL MODEL OF SEPSIS

3rd place: Dr. Sebastian Hafner
From the Dept. of Anaesthesiology, Ulm, Germany for his work on EFFECTS OF THE PPAR-[beta]/[delta] AGONIST GW0742 ON RENAL INFLAMMATION AND KIDNEY TISSUE INJURY DURING RESUSCITATED PORCINE SEPTIC SHOCK

http://www.europeanshocksoociety.org/
Günther Schlag Memorial Award
Dr. Sina M. Coldewey
Queen Mary University of London, Barts and The London School of Medicine and Dentistry, The William Harvey Research Institute, London, UK and Department of Anaesthesia and Intensive Care Medicine, Hannover, Germany

Dan Traber Memorial Award
Dr. Susanne Drechsler
Ludwig Boltzmann Institute for Experimental and Clinical Traumatology, AUVA Research Center, Vienna, Austria

Poster Awards
1. Dr. Peter Dungel
Ludwig Boltzmann Institute for Experimental and Clinical Traumatology in AUVA Research Center, Vienna, Austria
DIVERSE NITRITE REDUCTASES CONTROL HEMODYNAMICS UNDER HYPOXIC CONDITIONS

2. Dr. Tomasz Skirecki
Skirecki T, Kawiak J, and Hoser G.
Laboratory of Flow Cytometry, The Center of Postgraduate Medical Education, Warsaw, Poland
ANALYSIS OF THE MIGRATION AND MOBILIZATION OF STEM AND PROGENITOR CELL SUBPOPULATIONS AFTER THE LIPOPOLYSACCHARIDE CHALLENGE

3. Dr. Tibor Mózes
Mózes T, Gornicsar K, and Grosz A.
Ministry of Defense Health Centre, Hungary; Department of Urology, Péterfy Hospital, Budapest, Hungary; Department of Aerospace Medicine, University of Szeged, Szeged, Hungary
CYCLE IS MORE IMPORTANT THAN GENDER AND AGE IN FEMALE PATIENTS

Travel Awards
Dr. Hagen Andruszkow, Aachen, Germany
Dr. Janina Angermeyer, Ulm, Germany
Dr. Ross Davenport, London, UK
Dr. Mariam Gheshlaghi, Szeged, Hungary
Dr. Sebastian Hafner, Ulm, Germany
Dr. Daniela Impellizzeri, Messina, Italy
Dr. Shigeaki Inoue, Kanagawa, Japan
Dr. Sirat Khan, London, UK
Dr. Irene Paterniti, Messina, Italy
Dr. Zane Perkins, London, UK
Dr. Roman Pfeifer, Aachen, Germany
Dr. Pierre Raeven, Vienna, Austria
Dr. Joao Rocha, Lisbon, Portugal
Dr. Tomasz Skirecki, Warsaw, Poland
Dr. Eszter Tuboly, Szeged, Hungary

http://www.europeanshocksoociety.org/
Meeting updates

**XVI. Congress of the European Shock Society**
September 24-26, 2015
Cologne, Germany
www.ess-cologne2015.de

**34th ISICEM**
March 18-21, 2014
Brussels, Belgium
sympicu@ulb.ac.be
http://www.intensive.org/

**15th European Congress of Trauma & Emergency Surgery & 2nd World Trauma Congress**
May 24-27, 2014
Frankfurt/Germany
http://www.estesonline.org/

**27th European Congress on Surgical Infection**
June 5-7, 2014
Vienna, Austria
http://www.sis-e.org/

http://www.europeanshock society.org/
36th Annual Conference on Shock
June 7-10, 2014
Charlotte, North Carolina, USA
http://www.shocksociety.org/annual-meeting

Tissue Engineering & Regenerative Medicine International Society
June 10-13, 2014
Genova, Italy
http://www.termis.org/eu2014/

27th Annual Congress ESICM
LIVES 2014
September 27 -October 1, 2014
Barcelona, Spain
www.esicm.org/

SEPSIS 2014
December 3-5, 2014
Paris, France
http://internationalepesisforum.com/

2015 4th TERMIS World Congress
Congress Dates: TBD
Congress Location: Boston, MA, USA
http://www.termis.org/meetings_worldcongress.php
http://www.europeanshocksoociety.org/
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