



**EUBS 2019**

Hyperbaric Medicine & The Brain  
**Tel Aviv, Israel**

**General Assembly**

**Tel Aviv - September 12, 2017**

**08:30-09:30**



**MAQUET**  
GETINGE GROUP



**ADVANCE HYPERBARIC**  
LIFE - SUPPORT



**WRAIR**  
Walter Reed Army  
Institute of Research  
Soldier Health • World Health

THE DIVER CLINIC



## EUBS Corporate Members

**EUBS**

**European Underwater and  
Baromedical Society**

## PREMIUM SPONSORSHIP



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## SILVER SPONSORSHIP



## EUBS2019 Sponsors

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# European Underwater and Baromedical Society

## BRONZE SPONSORSHIP



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## EUBS2019 Sponsors

# EUBS

## European Underwater and Baromedical Society

## Organizing Committee

Dr. Yair Bechor  
Mr. Yonatan Zemel  
Dr. Zemer Wang

## Scientific Committee

Prof. Yoram Grossman  
Prof. Shai Efrati  
Dr. Ran Arieli  
Dr. Yehuda Arieli  
Dr. Amir Hadani  
Dr. Ole Hyldegaard

# EUBS2019 Organisers



# General Assembly

1. Approval of the Minutes of General Assembly 2018  
(these have been published on the EUBS Website)

**Approval of GA**

2. Report on EUBS2019 Meeting
3. Awards and Grants
4. EUBS Elections
5. Membership Report
6. Financial Report
7. Journal & Website (+ social media) Report
8. Next EUBS Meetings
9. Any other business



# Report of EUBS2019 Meeting

- 345 registered participants
  - 95 EUBS members
  - 89 UHMS/SPUMS/non-affiliated
  - 15 students/nurses/technicians
  - 30 accompanying persons
  - 36 countries (Israel > US > Ge > UK > NL >...)
- 16 sponsors, represented by 46 persons
- Diving workshop Cesarea / Eilat
- Tour to Jerusalem



# Report of EUBS2019 Meeting

Sunday 8.9.2019	Monday 9.9.2019	Tuesday 10.9.2019	Wednesday 11.9.2019	Thursday 12.9.2019	Friday 13.9.2019	Saturday 14.9.2019
09:00-14:30 Casserea Pre-Diving Workshop	08:00-9:00 Gathering & Registration	08:00-08:30 Gathering & Registration	08:00-08:30 Gathering & Registration	08:30-09:30 Annual EUBS General Meeting	Eilat Diving Workshop	Eilat Diving Workshop
	09:00-09:30 Opening Ceremony	08:30-18:30 Scientific Sessions	08:30-18:30 Scientific Sessions	09:30 -13:30 Scientific Sessions		
17:00-19:00 EUBS ExComm Meeting	09:30-19:00 Scientific Sessions			13:30-14:00 Closing Ceremony		
	19:30-23:00 Welcome Cocktail	Free Night	20:00 GALA Party Night	14:30 Organized Tour to Jerusalem Depart		
				14:30 Bus Leaves to Eilat for the Diving Workshop		



# Awards and Grants

## a. Arne Zetterström Award (best poster)

Award Committee: P. Bryson, B. Mirasoglu, C. Balestra

Best Poster:

**HYPERBARIC OXYGEN THERAPY FOR THE  
TREATMENT OF PERIANAL FISTULAS IN CROHN'S  
DISEASE (HOT-TOPIC TRIAL): PRELIMINARY  
RESULTS**

**Nina Lansdorp**, Krisztina B Gecse, Christianne J  
Buskens, Mark Löwenberg, Jaap Stoker, Willem A  
Bemelman, Geert RAM D'Haens, Rob A van Hulst



# Awards and Grants

## b. Patrick Musimu Award (Breathhold Diving)

Award Committee: G. Vandenhoven, C. Balestra

Winner:

Not awarded



*Société Belge de Médecine Hyperbare et Subaquatique  
Belgische Vereniging voor Overdruk en Onderwatergeneeskunde*

# Awards and Grants

## c. Travel Grants

- 2 Requests for Travel Grants received, 1 awarded
  - **Sanjin Kovačević**  
Institute of Pathological Physiology Faculty of Medicine,  
University of Belgrade, Serbia:  
*“Hyperbaric Oxygen Preconditioning Improves Antioxidant  
Defence And Kidney Structure In Experimental Model Of  
Ischemic Acute Kidney Injury In Spontaneously Hypertensive  
Rats”*
- Accepted as Poster Presentation
- Encouraged to submit a paper of your work to Diving  
and Hyperbaric Medicine Journal

# Awards and Grants

## c. Research Award

- 1 Request for Research Grant received, awarded
  - **Jacky Lautridou**  
Department of Circulation and Medical Imaging, NTNU, Norway :  
*“Proteomics applied to decompression sickness: finding a new biomarker of DCS early development”*
- Accepted as Oral Presentation
- Encouraged to submit a paper of your work to Diving and Hyperbaric Medicine Journal
- Acknowledge EUBS Support in final report
- Copy of PhD Thesis / Report to EUBS Archives



# Awards and Grants

## Travel & Research Grants for 2020 :

- Travel Grant
- Research Grant
  - Incentive for young researchers
  - Approved research protocols (research institutions)
  - Conditions
    - Acknowledge EUBS support
    - Submit abstract & participate in next EUBS Meeting
    - Submit paper to DHM Journal if possible
    - Obtain copy of PhD thesis for EUBS records
  - Available funds to be decided each year by ExCom  
– next year: 4000 € available
  - Call for proposals open as from Sept 12<sup>th</sup>, closing Nov 1<sup>st</sup>
  - Research & Education Committee evaluates proposals, decision NLT December 1<sup>st</sup> 2019
    - Contact: [secretary@eubs.org](mailto:secretary@eubs.org)

**Approval of GA**

# EUBS ExCom Elections 2019

- Member at Large 2019-2022



**Gerardo Bosco**  
Padova, Italy



**Miroslav Rozložník**  
Ostrava, Czech Republic



**Akin Savas Toklu**  
Istanbul, Turkey

# EUBS ExCom Elections 2019

EUBS ExCom Elections 2019

Completed

 Overview

This election ended on 8/12/19, 12:00 PM. [View Results »](#)

## Ballots Submitted By Date



55%

Participation  
(159 Voters)



287

Voters



Ballot  
Questions

1



3

Options

 Help

# EUBS ExCom Elections 2019

- Member at Large 2019-2022



**Gerardo Bosco**  
Padova, Italy



**Miroslav Rozložník**  
Ostrava, Czech Republic



**Akin Savas Toklu**  
Istanbul, Turkey



# EUBS ExCom Elections 2019

- Member at Large 2019-2022



**Gerardo “Dino” Bosco**  
Padova, Italy

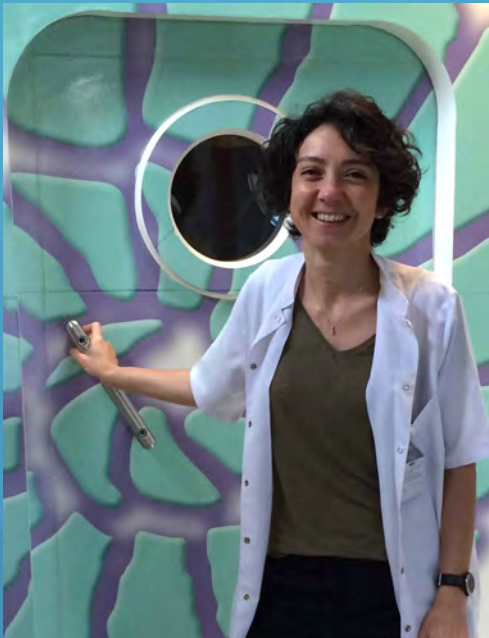
## **Gerardo BOSCO**

is an Associate Professor at the Department of Biomedical Sciences at the University of Padova, Italy. He started diving as a 23-year old medical student and immediately became interested in environmental physiology. In 1997, he obtained his medical school degree with a thesis on the functional evaluation of combat divers with the Italian Navy Special Forces. During a residency in underwater and hyperbaric medicine, he participated in a experimental high-altitude diving project, evaluating the different degrees of post-immersion platelet activation in an iced lake on Monte Bianco (Mont Blanc). He then spent several years in Syracuse, USA and worked on ischemia-reperfusion (his PhD thesis) and human metabolism in extreme environments.

Back in Italy, in 2011 he founded the ‘Hyperbaric School of Padua’ at the University of Padova, offering a Level II course for diving and hyperbaric medicine and a High Course in technical and health management for hyperbaric technicians and nurses. Gerardo (“Dino”) was elected Vice-President for UHMS from 2016-2018.

# EUBS ExCom Elections 2019

- Leaving ExCom: Member at Large 2016



**Bengusu Mirasoglu**  
Istanbul, Turkey

## **Bengusu MIRASOGLU**

Istanbul Faculty of Medicine, Underwater and Hyperbaric Medicine Department

Since 2011, representative of Turkey in ECHM Board of Representatives

Member of Turkish Underwater and Hyperbaric Medicine Society.

Served as a general secretary for three years in the society.

Trainer in the “Train the Foot Trainer” program ran by International Working Group on the Diabetic Foot (IWGDF) in Turkey

She is co-author of ten publications in international and national journals and 15 international conference presentations. Also co-author of more than 40 presentations in national conferences.

She’s currently working on the effect of hyperbaric oxygen on hemorrheological parameters and diver profiles in Turkey.

CMAS three star diver. Participated in scientific diving projects with the Institute of Marine Biology and archeology diving projects (Kizilburun Column Wreck Excavation and Kekova expeditions) by the Institute of Nautical Archeology.

# EUBS ExCom 2019-2020

## **New composition of EUBS ExCom 2019-2020:**

- President: Ole Hyldegaard
- Vice President: Jean-Eric Blatteau
- Immediate Past President: Jacek Kot
- Past President: Costantino Balestra
- Member at Large 2017: Rodrigue Pignel
- Member at Large 2018: François Guerrero
- Member at Large 2019: Gerardo Bosco
- Membership Secretary – Treasurer: Kath Pye
- Honorary Secretary: Peter Germonpré
- EUBS Liaison Officer: Phil Bryson
- DHM, European/Deputy Editor: Lesley Blogg

**Approval of GA**

# EUBS ExCom 2019-2020

## **Liaison Committee**

- Relations with other Societies / Disciplines
- Online Discussion Group Pathologists
- Phil Bryson

## **DHM Journal Governance Committee**

- According to MoU SPUMS-EUBS (signed 2018)
- Phil Bryson, Karin Hasmler

## **Research & Education Committee**

- Propose activities (e.g workshop @ EUBS Meeting);
- Evaluate (Travel Grant &) Research Grant applications
- Costantino Balestra, Jean-Eric Blatteau, Karin Hasmler



# Financial Report

## (01 January 2018 – 31 December 2018)

	2018			2017			Note
	£	£	£	£	£	£	
<b>Sterling Account</b>							
Opening Bank Balance at 1st January 2018		34,216			35,091		
Petty Cash at 1st January 2018		0			28		
EUBS Savings Account balance at 1st January 2018		30,046	64,261		30,031	65,160	
<b>Income</b>							
Membership Fees		38,048			22,444		1
ONR Grant		17,029			0		2
Refund from EUBS 2016 conference		0			10,479		3
Refund from EUBS 2017 conference		0			12,769		
Book Sales		0			100		
Bank Disruption Credits		273			0		
Interest Received		121	55,472		16	45,808	
<b>Expenditure</b>							
Administrative Costs							
Secretarial Fees	828			966			
Broadband				183			4
Postage				110			
Stationery				0			
Travel expenses				276			
Website	173			1,315			
Insurance	1,065			0			5
Bank Charges	327	2,393		270	3,119		
2017/8 Conferences							
Conference Gifts	0			120			
Expenses for invited speakers	0			5,934			
PG hotel, travel and registration	4,482						6
Secretary hotel, travel and registration	2,606			1,831			4
Travel grants	4,400			1,029			6
Fee reimbursement	1,226						6
Event Insurance	859			0			5
Abstract Book Printing (Ryhove)	0	13,573		1,598	10,512		
Journal Expenses							
SPUMS transfer costs	2,708			10,540			
March 2018 Issue Printing	4,954			5,673			
June 2018 Issue Printing	5,148			5,545			
September 2018 Issue Printing	5,489			5,499			
December 2018 Issue Printing	3,599	21,898	37,864	5,807	33,065	46,696	7
<b>Movement in the Year</b>			17,608			-888	
<b>Total Balance at 31st December 2018</b>			81,870			64,261	

# Financial Report

## (01 January 2018 – 31 December 2018)

### EUBS FINANCIAL STATEMENT 1st JANUARY TO 31st DECEMBER 2018

#### Notes

- 1 It is unclear why membership income has increased by 70% year on year. A list of members and contributions for the year would be useful.
- 2 2017 and 2018 both received in this year.
- 3 Unclear as to whether a refund is due from this year's conference.
- 4 Administrative costs now managed by secretary, and reimbursed through expenses, not via a petty cash float. Some loss of analysis.
- 5 Insurance now deemed a requirement - no prior year comparison.
- 6 I have no visibility of expenses paid, grants and reimbursement, and so can only presume that they are approved in accordance with policy.
- 7 December 2018 costs incomplete, will be picked up in 2019.
- 8 EUBS also has control of a separate bank account, held on behalf of EUBS, SPUMS (South Pacific Undersea Medical Society) and SAUHMA (South African Undersea and Hyperbaric Medical Association), for the express purpose of organising the next Tricontinental Meeting on Diving and Hyperbaric Medicine. It is covered by a separate 'Declaration of Intention', available on request. No movement in the year.

I have examined the books and records and, subject to the qualifications above, can confirm that these accounts are a true and fair record thereof.

They have been prepared using the cash accounting basis, meaning that income and expenditure are recognised in the accounts at the time of payment / receipt, not necessarily in the time period of reporting.



Richard Wate - FCMA

15/02/2018

# Financial Report

## (01 January 2018 – 31 December 2018)

- Audited and approved by Mr Richard Wate (DDRC) on February 2, 2018 – officially thanked
- Financial situation healthy
  - TRICON2018 Surplus: approx 13 000 €
  - ONR Conference support: 12 000 \$
- Expenses to be expected:
  - Invited Speakers EUBS2019
  - Abstract Book EUBS2019 Meeting
  - Journal trimesterial payments
- Report will be made available on EUBS Website (Member's Only Section) for three months

EUBS FINANCIAL STATEMENT 1st JANUARY TO 31st DECEMBER 2018						
	2018			2017		
	£	€	£	£	€	Note
<b>Sterling Account</b>						
Opening Bank Balance at 1st January 2018			34,216			30,091
Petty Cash at 1st January 2018			0			28
EUBS Savings Account balance at 1st January 2018			30,040			30,051
			<b>64,256</b>			<b>60,169</b>
<b>Income</b>						
Membership Fees			38,048			32,444
ONR Grant			17,029			0
Refund from EUBS 2016 conference			0			16,479
Refund from EUBS 2017 conference			0			12,799
Bank Sales			0			150
Bank Overdraft Credits			273			0
Interest Received			121			16
			<b>55,471</b>			<b>45,888</b>
<b>Expenditure</b>						
Administrative Costs						
Stationery			828			965
Postage			0			163
Stationery			0			110
Travel expenses			173			276
Website			1,085			1,315
Insurance			0			0
Bank Charges			327			275
			<b>2,393</b>			<b>3,119</b>
2018 Conference						
Conference Costs			0			120
Expenses for invited speakers			0			5,824
PG hotel, travel and registration			4,482			6
Secretary hotel, travel and registration			2,056			1,831
Travel grants			4,450			1,029
Free refreshment			1,226			0
Event Insurance			659			0
Abstract Book Printing (Plymouth)			0			10,812
			<b>13,873</b>			<b>18,582</b>
Journal Expenses						
SPJMSI Journal costs			2,708			10,840
March 2018 issue Printing			4,954			5,873
June 2018 issue Printing			5,149			5,345
September 2018 issue Printing			5,489			5,489
December 2018 issue Printing			3,599			3,607
			<b>21,899</b>			<b>35,055</b>
			<b>35,772</b>			<b>48,636</b>
<b>Movement in the Year</b>			<b>17,458</b>			<b>458</b>
<b>Total Balance at 31st December 2018</b>			<b>81,870</b>			<b>64,251</b>
<b>Made up of</b>						
Opening Bank Balance at 31st December 2018			51,703			34,216
Petty Cash at 31st December 2018			0			0
EUBS Savings Account balance at 31st December 2018			30,167			30,040
			<b>81,870</b>			<b>64,256</b>
EUBS Tricentralist Account balance at 31st December 2018			181			180

### EUBS FINANCIAL STATEMENT 1st JANUARY TO 31st DECEMBER 2018

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They have been prepared using the cash accounting basis, meaning that income and expenditure are recognised in the accounts at the time of payment receipt, not necessarily in the time period of reporting.

  
Richard Wate - FCMA

15/02/2019

Approval of GA

# Membership Report

- EUBS Membership is slowly increasing: now 320 (2018: was 293)
- Membership categories (implemented 2017-2018)
  - Full Member (DHM e-journal) : 152 members
    - Print option : 168 members
  - Undergraduate Member (student): 2 (was: 6)
  - Associate Member (only Journal, no medical/scientific background needed): 8 (was: 7)
  - Corporate Membership (2 Full Membership + acknowledgement on Website / Abstract book): 10 (was: 6)
- 10% Discount for members of Affiliate Societies and Group Memberships
  - 2019: UHMS, SIMSI, SBMHS, SHF, GTUEM, MedSubHyp, SUHMS
  - Yearly agreement upon written request; renewed on ExCom decision in case 20 members during current year

# Membership Report

- Proposed Membership Fees 2019-2020
  - Full Membership : 120 €
  - Undergraduate Membership : 60 €
  - Associate Membership : 100 €
  - Corporate Membership : 700 €
  - Print service : actual costs (P&M) = 7.5 € per issue
  - Option available at 30 € / year
- 10% Discount : maintained for all current Affiliate Societies

Approval of GA





# Diving and Hyperbaric Medicine

## Editors' Report to EUBS General Assembly

### September 2019

SIMON MITCHELL

Prof. Simon Mitchell  
Department of Anaesthesiology  
The University of Auckland, NZ

EUBS Meeting  
Tel Aviv  
September 2019

**DHM JOURNAL: Annual Report  
(see separate document)**

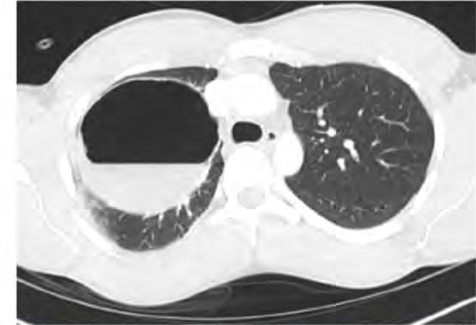
## Diving and Hyperbaric Medicine

*The Journal of the South Pacific Underwater Medicine Society  
and the European Underwater and Baromedical Society®*

**SPUMS**

Volume 49 No. 2 June 2019

**EUBS**



### Bullous disease and cerebral arterial gas embolism

Does closing a PFO reduce the risk of DCS?

A left ventricular assist device in the hyperbaric chamber

The impact of health on professional diver attrition

Serum tau as a marker of decompression stress

Are hypoxia experiences for rebreather divers valuable?

Nitrox vs air narcosis measured by critical flicker fusion frequency

The effect of medications in diving

E-ISSN 2209-1491

ABN 29 299 823 713



# EUBS Website Report



[The Society](#) [DHM Journal](#) [Activities](#) [Membership](#) [Members area](#)

Search this website...

You are here: [Home](#)

## The Society

Welcome to the website of the European Underwater and Baromedical Society !

The EUBS is the European scientific society dedicated to the study and promotion of diving and hyperbaric medicine, a fascinating but all too little known field of medicine.

**This website** is intended to provide you with information on the goals and activities of our Society. You will find information on our Annual Scientific Meeting, as well as reprints of the Society's Journal. This site is updated on a regular basis, so check it out from time to time.



### NEWS & INFORMATIONS ...

**\*\* Next issue of DHM in the mail !** 05/07/2019

**\*\* GDPR compliance – EUBS Privacy Policy**

24/05/2018

**\*\* Open Letter to American Diabetes Association**

21/07/2017

**\*\* ECHM 2016 Consensus Recommendations on Indications and Practice of HBOT – OPEN ACCESS**

24/03/2017

**MEMBERS AREA SECTION** 14/10/2016


### EVENTS

**SEP**  
**9**  
**Mon**  
2019

**all-day** EUBS 2019 Annual Scientific Meet... @ David Intercontinental Hotel Tel Aviv

**NOV**

# EUBS Website Report



The Society   DHM Journal   Activities   Membership   **Members area**   Search this website...

You are here: [Home](#) › [Members area](#)



## Members area

Access to the Members Area is protected! Please log in first...

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Password

[I have forgotten my password](#)



### NEWS & INFORMATIONS ...

[\\*\\* Open Letter to American Diabetes Association](#)  
21/07/2017

[\\*\\* Next issue of DHM in the mail ! 17/06/2017](#)

[\\*\\* ECHM 2016 Consensus Recommendations on Indications and Practice of HBOT – OPEN ACCESS PUBLICATION](#) 24/03/2017

[MEMBERS AREA SECTION](#) 14/10/2016


[PHYPODE book "The Science of Diving"](#) 09/10/2016

### EVENTS

SEP  
**13**  
Wed  
2017

[all-day](#) 43rd Annual Scientific Meeting o... @ Palazzo dei Congressi Ravenna

# EUBS Website Report





European Underwater and Baromedical Society

[The Society](#) [DHM Journal](#) [Activities](#) [Membership](#) [Members area](#)

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## Members area




NEWS & INFORMATIONS ...  
[\\*\\* Open Letter to American Diabetes Association](#)

You are here: [Home](#) › [Password reminder](#)

## Password reminder

Please input your registered e-mail address and you will receive a mail with your password.

E-mail  



You are here: [Home](#) › [Members area](#)

## Members area

Welcome back **Peter Germonpre** !

Your Membership number: 2009-112

Date of last Membership payment : 22 February 2019

Membership valid until : 15 January 2021

As registered EUBS member, your website offers you the following possibilities :

► [Renew your membership](#)

-- Access the Membership Renewal Form, which makes it easy as 1-2-3 to pay your annual membership fee.

As a member, you will normally receive a reminder by e-mail one month before expiry of your membership. However, this mail may sometimes end up in your "spam" e-mail folder. You can directly access the renewal form from here. Your membership must be "current" in order to benefit from reduced registration rates at the EUBS Annual Meeting and continue to receive our Diving and Hyperbaric Medicine Journal.

► [Check your membership payment history](#)

-- You can easily see when your membership was last renewed.

► [Print out membership confirmation](#)

-- Print out a statement confirming your membership number and membership validity. You can use this when applying for reduced registration fees or when applying for UHMS membership under the



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24/03/2017

[MEMBERS AREA SECTION](#) 14/10/2016

### EVENTS

**SEP**  
**9**  
Mon  
2019

**all-day** EUBS 2019 Annual Scientific Meet... @ David Intercontinental Hotel Tel Aviv

**NOV**  
**7**  
Thu  
2019

**all-day** ICHF – 1er Congrès Scientifique ... @ Hôpitaux Universitaire de Genève

**NOV**  
**27**  
Wed  
2019

**all-day** UKDMC & BHA Diving Medicine Conf... @ Hull City Hall

**NOV**  
**11**  
Wed  
2020

**all-day** 20th International Congress on H... @ Rio Othon Palace Hotel,



[View Calendar](#) ➔

▶ [View and modify your personal information](#)

-- It is a good idea to change your password at this time...

▶ Access to the DHM Journal

-- The **March 2019** DHM issue has been delivered in your mailbox; you can view it online from [here](#). PLEASE NOTE: By clicking the link to view the latest journal, you will leave the membership area of the EUBS website and enter Diving and Hyperbaric Medicine Journal's secure Journal area on their website. The issues are embargoed for one year before release to the public domain. They are provided exclusively for members of EUBS and SPUMS. You can view the "conditions for fair use" from [here](#) - please read those before proceeding. The other DHM journals (as of one year from publication) are publicly accessible on the DHM website [here](#).

▶ EUBS Annual Meeting - documents and info

-- Please find here the [AGM 2018 presentation](#). You can also download the [TRICON2018 Abstract and Conference Proceedings book](#) here (4MB PDF file).

-- As an EUBS Member, you can also download the previous Abstract Books on [this page](#).

▶ [Search the EUBS Membership Directory](#)

▶ [Access the GTUEM Literature Database](#)

-- This database of both peer-reviewed and other literature (including all the Proceedings of our previous Annual Meetings) is continually expanded with new articles; and is offered free of charge to EUBS members by the German Society for Diving and Underwater Medicine.

- ▶ [View and modify your personal information](#) -- It is a good idea to change your password at this time...
- ▶ Access to the DHM Journal -- The **March 2019** DHM issue has been delivered in your mailbox; you

[The Society](#)[DHM Journal](#)[Activities](#)[Membership](#)[Members area](#)

## View / Modify your personal data

Note : When you click the save button, you will be redirected to the previous page.

### Personal Details - see (1):

Name	<input type="text" value="Germonpre"/>
Firstname	<input type="text" value="Peter"/>
Email (must be unique)	<input type="text" value="peter.germonpre@eubs.org"/>
Password	<input type="text" value="Notagoodpassword!"/>
Title	<input type="radio"/> Dr. <input checked="" type="radio"/> Dr.(med) <input type="radio"/> Mrs. <input type="radio"/> Miss <input type="radio"/> Mr <input type="text" value=""/> Other
Educational qualification - see (2, 3, 4) (Degree, Date, University)	<input type="text" value="Too much to list here !"/>

### Professional information

Institution	<input type="text" value="Centre for Hyperbaric Oxygen Therapy"/>		
Address (street - number)	<input type="text" value="Military Hospital, Rue Bruyn 1"/>		
City	<input type="text" value="Brussels"/>	Zip	<input type="text" value="B-1120"/>
Country	<input type="text" value="Belgium"/>		
Phone - see (5)	<input type="text" value="+32 2 2644868"/>	Fax	<input type="text" value="+32 2 264 4861"/>

### Personal information



# EUBS Social Media



European Underwater and Baromedical Society



Elke

Startpagina

Vrienden zoeken

Aanmaken



European  
Underwater and  
Baromedical Society

Startpagina

Recensies

Foto's

Berichten

Evenementen

Info

Gemeenschap

Een pagina aanmaken



Leuk vinden

Volgen

Delen



Bericht verzenden



Schrijf een bericht...



Foto/video



Vrienden tag...



Inchecken



Foto's



Nog geen beoordeling

Community

Alles weergeven



**Nodig je vrienden uit** om deze pagina leuk te vinden

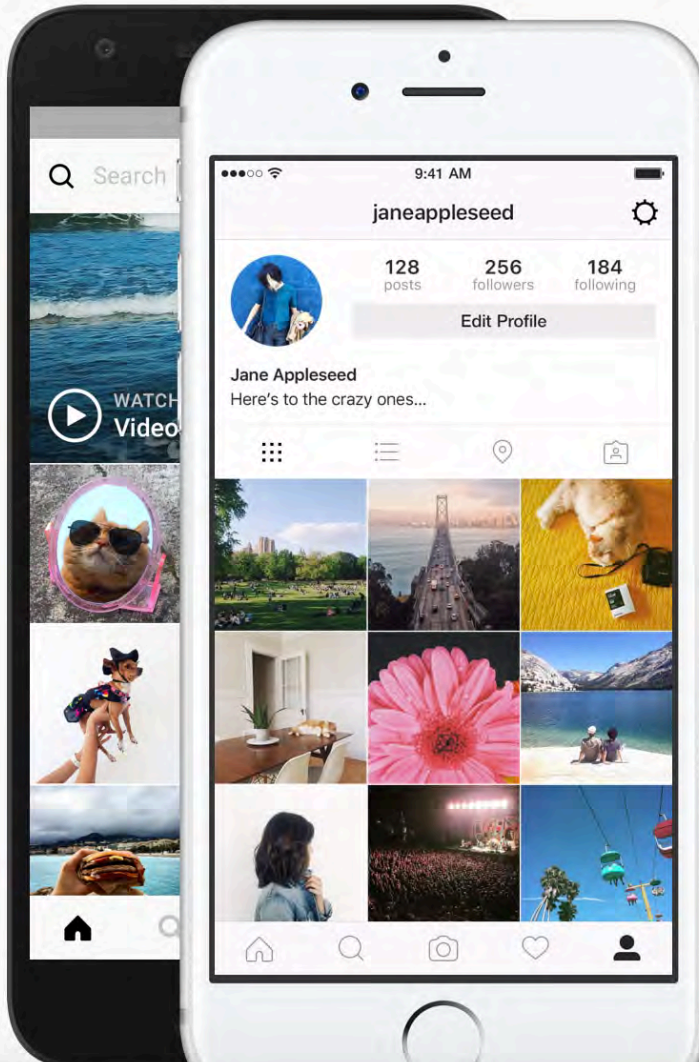


390 personen vinden dit leuk



413 mensen volgen dit

# EUBS Social Media



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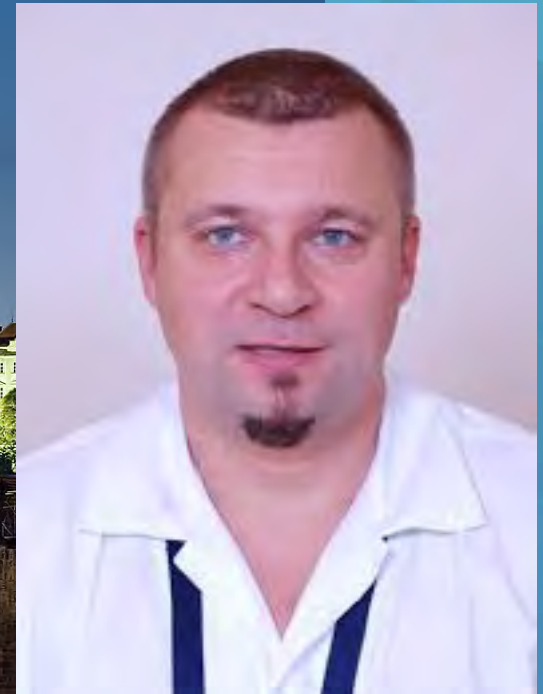
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# EUBS Next Meetings

## EUBS 2020 Annual Scientific Meeting - Prague, September 16-19, 2020



Michal HAJEK

# EUBS Next Meetings

2021 : Porto

Secretary-General: Oscar Ferraz CAMACHO



Unidade de  
Medicina Hiperbárica

# EUBS Next Meetings

2022: Brest (France)

2023: Copenhagen (Denmark)

2024: Rijeka (Croatia)

2025: Turku (Finland)



# Other matters

## 1. Collaboration ECHM – EUBS

- Increased collaboration desired/needed
- Possible future merger : ECHM as a Committee within EUBS structure
- Task force to be composed of members of EUBS ExCom (J.Kot, O.Hyldegaard, P.Germonpre) and ECHM Executive Board (J.Kot, A.Marroni, K.Hasmiller)
- Timeframe: asap (1-2 years?)
- Will need modification of EUBS Bylaws
- Presentation / context by Jacek KOT in next slides

# HBO-related organisations in Europe

	NAME	SCOPE
<b>EUBS</b>	<b>European Underwater and Baromedical Society</b>	<b>Scientific matters, mostly annual conferences, journal DHM (with SPUMS)</b>
<b>ECHM</b>	<b>European Committee for Hyperbaric Medicine</b>	<b>Safety, Education, Guidelines, Standards, Indications</b>
EBAss	European Baromedical Association for nurses, operators and technicians	Education of non-physician staff
EDTC	European Diving Technology Committee	Technical aspects, medical sub-committee for education
ECB	European College of Baromedicine	Education, Accreditation



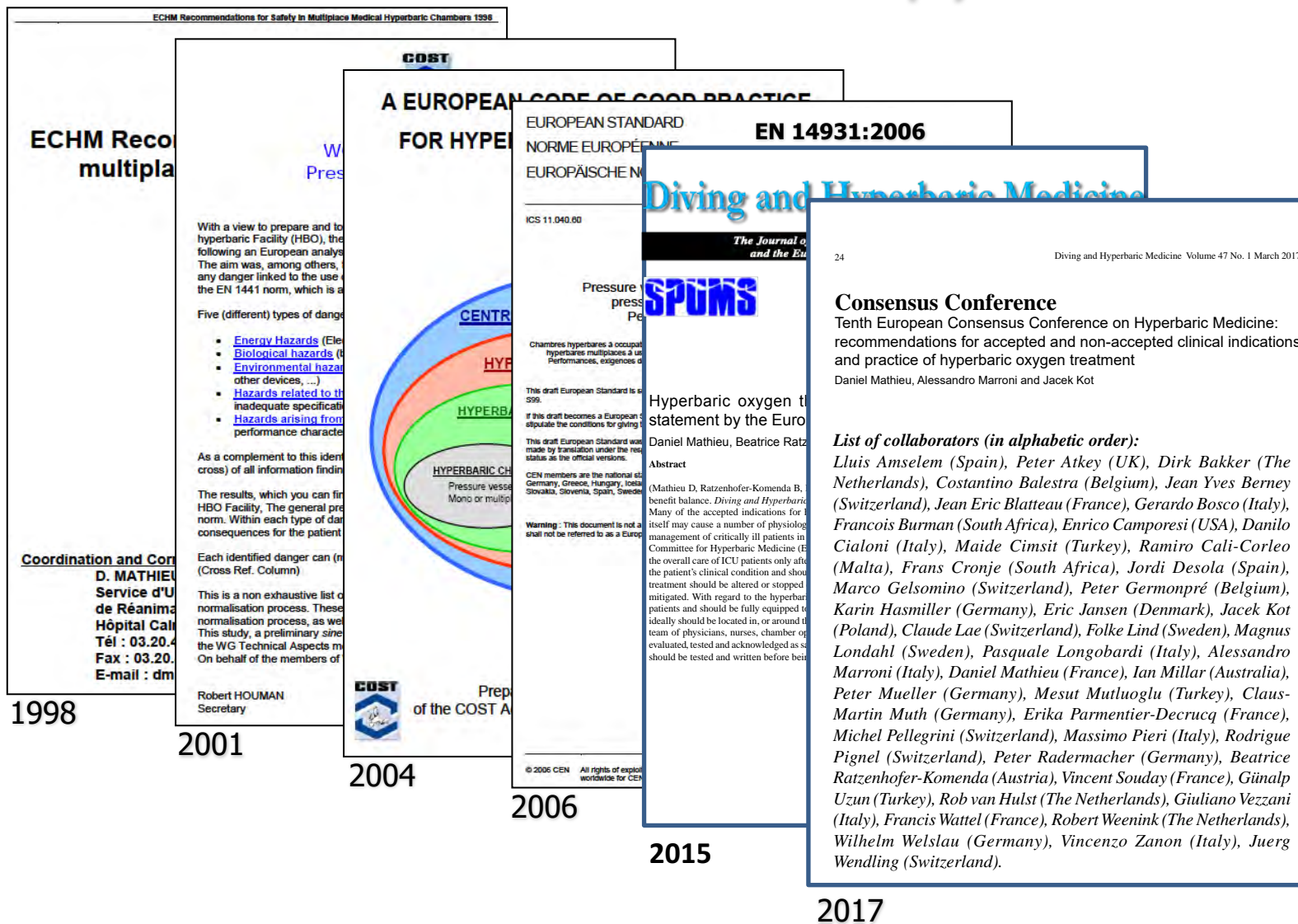


# ECHM List of indications

## ► Consensus Conferences

<b>1st</b>	<b>1994</b>	<b>The applications of Hyperbaric Oxygen; standards for education and training, future directions of research; technical requirements. Lille, France</b>
2nd	1996	The treatment of decompression accidents in recreational diving. Marseille, France
3rd	1996	The role of Hyperbaric Oxygen in acute musculo-skeletal trauma. Milano, Italy
4th	1998	Hyperbaric oxygen in the management of foot lesions in diabetic patients. London, UK
5th	2001	Hyperbaric oxygen in the treatment of radio-induced lesions in normal tissues. Lisbon, Portugal
6th	2003	Prevention of dysbaric injuries in diving and hyperbaric work. Geneva, Switzerland
<b>7th</b>	<b>2004</b>	<b>List of clinical indications for HBOT. Lille, France</b>
8th	2006	Oxygen and Tissue Repair (ETRS & ECHM). Ravenna, Italy
9th	2012	Organization of a Clinical Hyperbaric Therapy Centre and Related Health Management Issues, Belgrade, Serbia
<b>10th</b>	<b>2016</b>	<b>List of clinical indications for HBOT. Lille, France</b>

# European main documents on HBO therapy



Daniel Mathieu (Ed.)

# Handbook on Hyperbaric Medicine

CONT

## THE ECHM COLLECTION

VOLUME 1



EDITORS  
ALESSANDRO MARRONI  
DANIEL MATHIEU  
FRANCIS WATTEL



BEST PUBLISHING COMPANY

## THE ECHM COLLECTION

VOLUME 2



EDITORS  
ALESSANDRO MARRONI  
DANIEL MATHIEU  
FRANCIS WATTEL



BEST PUBLISHING COMPANY

## THE ECHM COLLECTION

VOLUME 3



EDITORS  
ALESSANDRO MARRONI  
DANIEL MATHIEU  
FRANCIS WATTEL



BEST PUBLISHING COMPANY

# European references for HBO staff

ECHM-EDTC Educational and Training Standards for Diving and Hyperbaric Medicine 2011

## EDUCATIONAL AND TRAINING STANDARDS FOR PHYSICIANS IN DIVING AND HYPERBARIC MEDICINE

Written by  
Joint Educational Subcommittee  
of the European Committee for Hyperbaric Medicine (ECHM)  
and the European Diving Technical Committee (EDTC)

For the Joint Medical Subcommittee of the ECHM and EDTC (in alphabetical order):

- Jordi Desola (Spain),
- David Elliott (United Kingdom),
- Jacek Kot (Poland),
- Pasquale Longobardi (Italy),
- Alessandro Marroni (Italy),
- Wilhelm Welslau (Germany),
- Juerg Wendling (Switzerland).



Education of nurses, operators  
and technicians  
in hyperbaric facilities in Europe

EBAss/ECHM Resources manual

Brussels - September 2008

Document prepared by  
**European Baromedical Association for Nurses, Operators and Technicians**  
EBAss is an international, non profit association  
Registered office: 9, Sainte Anne - B 7880 FLOBECQ - BELGIUM  
E-Mail: [secretary@ebass.org](mailto:secretary@ebass.org) Website: [www.EBASS.org](http://www.EBASS.org)

Document approved by  
**European Committee for Hyperbaric Medicine**  
E-Mail: [office@echm.org](mailto:office@echm.org) Website: [www.ECHM.org](http://www.ECHM.org)

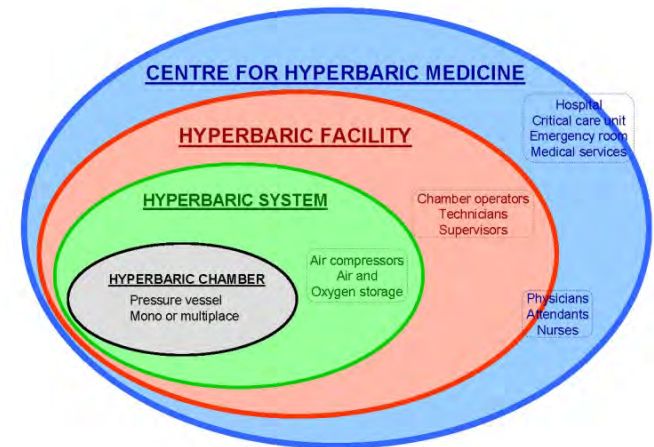
Education of nurses, operators and technicians in hyperbaric facilities in Europe  
Resources manual, a document of EBAss/ECHM  
Version 2008



# ECGP<sub>4</sub>HBO

- The **European Code of Good Practice for HBO Therapy** (May 2004) represents a harmonised European view on safety in therapeutic hyperbaric facilities.
- It should be used as a reference document in European countries in need of Guidelines, Regulations, and Standards in hyperbaric medicine.
- It will be the basis for European quality assurance system in HBO.
- The update is planned to be released in 2019/2020

## A EUROPEAN CODE OF GOOD PRACTICE FOR HYPERBARIC OXYGEN THERAPY



Prepared by the Working Group «SAFETY»  
of the COST Action B14 «HYPERBARIC OXYGEN THERAPY»  
May 2004



# ECHM members (2019)

- President: *Daniel Mathieu* → *Jacek Kot*
- Vice-President: *Alessandro Marroni* → *Alessandro Marroni*
- General Secretary: *Jacek Kot* → *Willi Welslau*



# Merging

Europe, October 1<sup>st</sup>, 2016

Willingness to merge two entities in order to:


- Stipulate cooperation
- Avoid unnecessary redundancy
- Increase clarity of the system
- Extend the scope of the EUBS
- Ensure constant refreshment of the ECHM structures

## DECLARATION OF COOPERATION

We, the Presidents of the European Committee for Hyperbaric Medicine (ECHM) and the European Underwater and Baromedical Society (EUBS),

- whereas the ECHM is funded to study and define common indications for hyperbaric therapy, research and therapy protocols, common standards for therapeutics and technical procedures, equipment and personnel, cost-benefit and cost-effectiveness criteria, to act as representative body with European health authorities, and to promote cooperation among scientific organizations involved in Diving and Hyperbaric Medicine;
- whereas the EUBS is founded to advance the science of undersea medicine and related scientific disciplines, including hyperbaric medicine, work in compressed gas, and hyperoxia, and to assist in the promotion of research in these fields and in the publication of the results of such research, to provide a forum for professional scientific communication among individuals and groups involved in basic and applied studies concerned with medical life sciences and human factors aspects of the hyperbaric and hyperoxic environment, to aid in maintaining cooperation between life sciences and other disciplines concerned with extending hyperbaric activity, to work for improved safety of all operations by advice and educational seminars on the medical and physiological hazards involved and to do all such other things as shall further the objectives of the society;

1. Express our willingness to initiate the efforts in merging aims, activities, jobs and functions of both organizations in order to further stipulate the active involvement of all the Members of both organizations in Diving and Hyperbaric Medicine;
2. Stress that it is of fundamental importance to guarantee that all aims of both organizations are upheld in full and further cooperation should be treated as the add-on value to enforce the position of Diving and Hyperbaric Medicine in Europe;
3. Decide to prepare in the closest foreseeable future the agreed proposal on fundamental requirements to be fulfilled by both organizations to be presented to the Executive Committees for consideration;
4. Agree that specific details of such cooperation and modifications of the Constitutions and By-laws of both organizations will be proceeded by the Joint Committee consisting of representatives delegated by the Executive Committees of both organizations;
5. Accept that each President reserves the right to cancel the agreement before being presented to the General Assemblies of both organizations if the final proposal is not in concordance with the fundamental requirements as declared in points 2 and 3.

  
Daniel Mathieu  
President of ECHM

  
Jacek Kot  
President of EUBS



# Merging

To ensure:

- **Continuity** of the name, history and tradition
- **“independency”** of the Committee treated as the academic freedom in preparation of the documents , standards, guidelines and recommendations
- Proper Committee **structure**: group of active medical practitioners in the field of hyperbaric medicine (minimum Level 2H). Chairman and General Secretary are elected by Societies GA same rules as the President.
- Efficient **internal cooperation**: chairman of the Committee is included in the ExCom with the voting rights and every Society member can participate in the Committee meeting (without voting rights)
- Efficient **external cooperation** (function of “federation” of the National Societies in the Hyperbaric Medicine)
- **Efficient work**: meeting of the Committee should be at least one per year, documents must be updated regularly, workshops and Consensus Conferences on Practice in Hyperbaric Medicine should be organized regularly by the Society, results should be reported to the GA and submitted for publications.



E U B S

C

H

M

# Merging

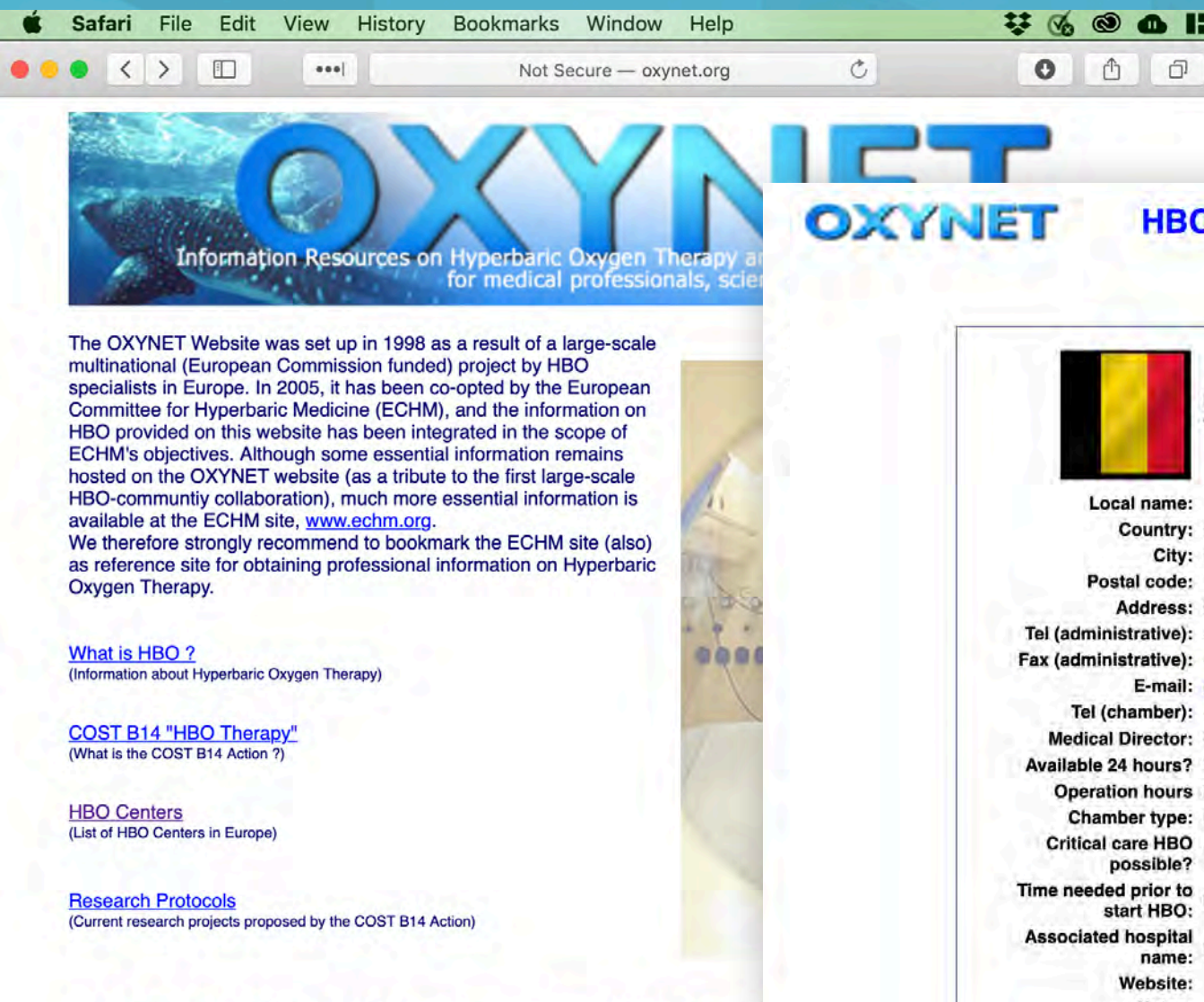
**Working Group** for preparation of draft proposal:

1. *Jacek Kot* (both EUBS & ECHM)
  - Former ECHM General Secretary
  - Current ECHM President
  - EUBS Immediate Past President
2. *Alessandro Marroni* (ECHM Vice-President)
3. *Karin Hasmler* (ECHM EB member)
4. *Ole Hyldegaard* (EUBS President)
5. *Peter Germonpre* (EUBS Honorary Secretary)





# Other matters



**OXYNET**  
Information Resources on Hyperbaric Oxygen Therapy and  
for medical professionals, scientists and patients

The OXYNET Website was set up in 1998 as a result of a large-scale multinational (European Commission funded) project by HBO specialists in Europe. In 2005, it has been co-opted by the European Committee for Hyperbaric Medicine (ECHM), and the information on HBO provided on this website has been integrated in the scope of ECHM's objectives. Although some essential information remains hosted on the OXYNET website (as a tribute to the first large-scale HBO-communitiy collaboration), much more essential information is available at the ECHM site, [www.echm.org](http://www.echm.org). We therefore strongly recommend to bookmark the ECHM site (also as reference site for obtaining professional information on Hyperbaric Oxygen Therapy).

[What is HBO ?](#)  
(Information about Hyperbaric Oxygen Therapy)

[COST B14 "HBO Therapy"](#)  
(What is the COST B14 Action ?)

[HBO Centers](#)  
(List of HBO Centers in Europe)

[Research Protocols](#)  
(Current research projects proposed by the COST B14 Action)

**OXYNET**

## HBO Centers in Europe



### Center for Hyperbaric Oxygen Therapy

**Local name:**

**Country:** Belgium

**City:** Brussels

**Postal code:** 1120

**Address:** Bruynstraat 200

**Tel (administrative):** +32 (0) 2 264 48 68

**Fax (administrative):** +32 (0) 2 264 48 61

**E-mail:** [medhyper@mil.be](mailto:medhyper@mil.be)

**Tel (chamber):** +32 (0) 2 264 48 68

**Medical Director:** Peter Germonpré

**Available 24 hours?** Yes

**Operation hours** 8 AM - 6 PM

**Chamber type:** Multi

**Critical care HBO possible?** Yes

**Time needed prior to start HBO:** 00:30

**Associated hospital name:** Military Hospital "Queen Astrid"

**Website:**

This site has been set up with the support of the European Commission, under the COST (Cooperation in Science and Technology) Programme. It is part of [COST Action B14 : Hyperbaric Oxygen Therapy](#). It is a European "Portal Site" for Hyperbaric Oxygen Therapy: on this site you will find all possible links and useful information in relation to HBO.

# Other matters

## 2. OXYNET Database of Hyperbaric Centres in Europe

- Property of ECHM, hosted by University of Gdynia, domain name paid for by EUBS
- GA Decision 2018:
  - Update of information ongoing through efforts of EUBS ExCom members (B. Mirasoglu, R. Pignel)
- **Update of HBO Center information : please contact them via [oxynet@eubs.org](mailto:oxynet@eubs.org) !**

# Any Other Business

## From members:

- Number of participating students = very low. Possibly need to increase Travel Support by means of grants ?
- *Comment: travel grants are theoretically limited to 800 € each, up to a maximum 3 (2500 €). However, this is not a hard rule – for TRICON2018, 6 were awarded.*



**EUBS 2019**

Hyperbaric Medicine & The Brain  
**Tel Aviv, Israel**

**General Assembly**

**Tel Aviv - September 12, 2017**

**08:30-09:30**



# **EUBS FINANCIAL STATEMENT 1st JANUARY TO 31st DECEMBER 2019**

	2019			2018			Note
	£	£	£	£	£	£	
<b>Sterling Account</b>							
Opening Bank Balance at 1st January 2018		51,703		34,216			
Petty Cash at 1st January 2018		0		0			
EUBS Savings Account balance at 1st January 2018		<u>30,167</u>	<u>81,870</u>	<u>30,046</u>	<u>64,261</u>		
<b>Income</b>							
Membership Fees		37,858		38,048			
ONR Grant		0		17,029			
Bank Disruption Credits		1,175		273			1
Interest Received		<u>255</u>	<u>39,289</u>	<u>121</u>	<u>55,472</u>		
<b>Expenditure</b>							
Administrative Costs							
Secretarial Fees	940			828			
Gifts	75						
Broadband	229						
Website				173			
Research Grant	3,653						2
Insurance	447			1,065			3
Bank Charges	<u>330</u>	<u>5,674</u>		<u>327</u>	<u>2,393</u>		
2018/9 Conferences							
Event Costs - 2018	3,586			0			
- 2019	7,215						
- 2020	2,439						
Conference Gifts	131			0			
Expenses for Invited speakers				0			
PG hotel, travel and registration				4,482			
Secretary hotel, travel and registration	3,190			2,606			
Travel grants	735			4,400			2
Fee reimbursement, approved by ExCom	484			1,226			
Event Insurance				859			
Abstract Book Printing (Ryhove)		<u>17,780</u>		<u>0</u>	<u>13,573</u>		
Journal Expenses							
SPUMS transfer costs				2,708			
Other	616						
December 2018 Issue	1,334						
March 2019 Issue	5,763			4,954			
June 2019 Issue	6,362			5,148			
September 2019 Issue	6,509			5,489			
December 2019 Issue	<u>4,706</u>	<u>25,290</u>	<u>48,744</u>	<u>3,599</u>	<u>21,898</u>	<u>37,864</u>	
<b>Movement in the Year</b>		<u>-9,455</u>			<u>17,608</u>		
<b>Total Balance at 31st December 2019</b>		<u><u>72,415</u></u>			<u><u>81,870</u></u>		
<b>Made up of</b>							
Closing Bank Balance at 31st December 2019		21,993		51,703			
Petty Cash at 31st December 2019		0		0			
EUBS Savings Account balance at 31st December 2019		<u>50,422</u>	<u>72,415</u>	<u>30,167</u>	<u>81,870</u>		
EUBS Tricontinental Account balance at 31st December 2019			182			181	

## EUBS FINANCIAL STATEMENT 1st JANUARY TO 31st DECEMBER 2019

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  - 2 No research grant in 2018 allowed higher level of travel grants.
  - 3 Insurance was first taken out in 2018. The lower cost in 2019 is down to a retrospective contribution to 2018 from the DHM Journal.
- General The accounts are prepared on a cash accounting basis. As such, income and expenditure are recognised in the accounts at the time of payment / receipt, not necessarily in the time period of reporting. As can be seen, there are a number of items that relate both to prior year and future year. This makes comparison of accounts, year on year, more difficult. Even allowing for these, it is likely the charity would have shown a small deficit in the year.

I have examined the books and records and, subject to the qualifications above, can confirm that these accounts are a true and fair record thereof.



Richard Wate - FCMA

14/02/2020

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14/02/2020