



EHRA
European Heart
Rhythm Association



EHRA ACTIVITY REPORT 2019



ESC

European Society
of Cardiology

President's Introduction

I am pleased to present the 2019 activity report of the European Heart Rhythm Association (EHRA). As you will read, our Association is very active and we have reached many milestones during the last year.

This is the work of many of you who volunteer to contribute to all of these projects. The EHRA Board really appreciates your energy, and reciprocally, I hope you appreciate the work of our board members who coordinate it all.

This report presents an overview of our most significant achievements, which confirm EHRA's position as the leading heart rhythm association. What we do is looked at from different corners of the world inspiring a number of collaborative projects with sister societies for the benefit of arrhythmia patients all over the globe!

Together we strive to push our association's mission, i.e. to limit the impact of heart rhythm disturbances. To achieve that, we will continue our efforts to organise an outstanding annual congress, such as the extremely successful EHRA 2019 congress last year in Lisbon. EHRA provides high-quality educational courses and webinars year-round and certifies physicians and allied professionals through exams. We are now a recognised science partner in different H2020-funded EU research projects, ESC registries, and prospective trials like EAST and STEER-AF. In documents, we try to focus even more on practical guidance, and we promote new health care developments like digital health. We have set up a project group with the ESC to guide you in the implementation aspects of GDPR in the context of telemonitoring. And last, but not least, we use our growing standing during advocacy activities at different levels.

I am grateful to preside over such a formidable organisation which thrives on the energy of so many of you who want to see our field advance. I am grateful also to our staff members at the European Heart House, and for the support of the ESC leadership that holds EHRA within the 'ESC family'.

Please take the time to read through this report and appreciate the results of all these contributions. If you are not currently involved in any of EHRA's activities, I hope this report will inspire you to contribute. Feel free to contact me, the board members or staff. We need your energy and ideas to pursue our mission!

I certainly hope to meet you at our next congress, 29-31 March in Vienna, or at any other activity throughout Europe.

Let's enjoy together to be EHRA!

Prof. Hein Heidbuchel, MD PhD, FESC, FEHRA

EHRA President 2018 - 2020



Highlights that made our hearts beat in 2019

Our mission:

"Improving the quality of life and reducing sudden cardiac death by limiting the impact of heart rhythm disturbances."

510

**cardiologists and
EHRA Members**

attended our live
training courses

5.047

EP Europace

was ranked as one of
the best EP journals in
the world and achieved
an impressive
Impact Factor

2,000

more participants
at EHRA 2019 compared
to EHRA 2018

670

Young EP
joined our network

27

centres
joined the EHRA
Recognised Training
Centres Programme

575

grants
were awarded
for EHRA 2019
in Lisbon

6

**new scientific
documents**

published in
collaboration with
our sister societies

16

new courses
available on ESC
e-Learning Platform

2,585

**cardiologists and
EHRA Members**

attended our
webinars



EHRA Board 2018-2020

EHRA's Board is aligned with the ESC's strategic plan, adopting the five pillars structure.



EXECUTIVE BOARD MEMBERS



Past-President

Prof. John Camm
FESC, FEHRA



President

Prof. Hein Heidbuchel
FESC, FEHRA



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Congress



Pillar Chairperson

**Congress Scientific
Programme Committee**
Prof. Haran Burri

Education



Pillar Chairperson

Certification Committee
Dr. Stylianos Tzeis



Pillar Chairperson

Selection Committee
Prof. Isabel Deisenhofer



Pillar Chairperson

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FESC, FEHRA

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Pillar Chairperson
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FESC



mHealth, Health Economics and PROM
Dr. Emma Svennberg
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Women Coordinator
Dr. Laura Vitali Serdoz

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Pillar Chairperson
Scientific Documents Committee
Dr. Nikolaos Dagres, FEHRA



Scientific Initiatives Committee
Assoc. Prof. Tatjana Potpara, FESC

Membership



Pillar Chairperson
National Cardiac Societies Committee
Prof. Dr. Isabelle van Gelder
FESC, FEHRA



International Affairs Coordinator
Prof. Lluís Mont
FESC, FEHRA



Young EP Committee
Assoc. Prof.
Dr. Jędrzej Kosiuk,
FESC

EX-OFFICIO: APPOINTED MEMBERS, WORKING GROUP REPRESENTATIVES



Prof. Gerhard Diller
Representative of the ESC WG
on Grown-up Congenital Heart Disease
FESC



Prof. Dobromir Dobrev
Representative of the ESC WG
on Cardiac Cellular Electrophysiology



Assoc. Prof. Joost Lumens
Representative of the ESC WG
on E-Cardiology
FESC



Prof. Gerhard Hindricks
Editor-in-Chief of
EP Europace Journal
FESC, FEHRA



Prof. Elijah Behr
Representative of the European
Cardiac Arrhythmia Genetics Group
FESC

Congress

PILLAR CHAIRPERSON



**Congress Scientific
Programme Committee**
Prof. Haran Burri



**Congress Scientific Programme
Committee Co-Chairperson**
Prof. Katja Zeppenfeld

EHRA Congress proves to be a fundamental platform for cardiac rhythm scientific exchange and professional networking. Delegates have the chance to learn about new research and meet world-renowned experts.

“What a memorable meeting this was! Rarely have I felt such a positive vibe during a congress. We had 2,000 participants more than in 2018, the meeting rooms were packed, the exhibition hall buzzed, all under a pleasant spring sun at one of the most historical sites of Europe.”

Prof. Hein Heidbuchel, EHRA President



EHRA 2019 Facts & Figures

-  **+5,500** participants from **96** countries
-  **+1,400** abstracts submitted
-  **387** faculty members
-  **+1,700m²** exhibition space
-  **+200** scientific sessions
-  **+50** exhibiting companies
-  **10** lecture rooms including the Agora
-  **20 hours** of CME credits



Education

PILLAR CHAIRPERSONS



**Certification
Committee**
Dr. Stylianos Tzeis



**Education
Committee**
Prof. Jan Steffel



**Selection
Committee**
Prof. Isabel Deisenhofer

With high-quality educational courses and webinars year-round, as well as certification and professional training, education remains the biggest benefit of being an EHRA Member.

ESC e-Learning Platform

The platform delivers a series of training modules and aims to coordinate cardiovascular training for the various subspecialties. EHRA content is organised in two tracks and is only accessible to EHRA Members. Individual modules normally consist of an on-demand slideshow with accompanying audio. Learning outcomes are assessed with multiple-choice questions.

In 2019, content was entirely reviewed and updated. 51 online courses are available, of which 48 allow you to obtain 1 European CME Credit (ECMEC) upon successful completion (MCQ test).





Education

Courses

Every year, EHRA designs and provides the latest educational training programmes to help maintain professional excellence among cardiologists specialising in pacing and arrhythmias. During 2019, EHRA delivered the following courses:

| Date | Topic | Location | Course Director | Attendees |
|------|--|-----------|---|-----------|
| Feb | EHRA Interventional EP and Examination Preparatory Course (EPC) | Marrakech | Fernando Arribas Jan Steffel | 37 |
| May | EHRA course on Advanced EP, with focus on AF Ablation | Madrid | Mattias Duytshaever Philipp Sommer | 45 |
| Sept | EHRA course on Advanced EP, with focus on VT Ablation | Prague | Katja Zeppenfeld Marta de Riva Silva | 55 |
| Nov | EHRA Course on Cardiac Pacing, ICD and Cardiac Resynchronisation | Vienna | Jan Steffel Thomas Deneke | 186 |

EHRA in Russia

EHRA continues to support its Russian colleagues through the "EHRA in Russia" programme, which:

- Helps Young EPs in Russia by providing them with tailored educational programmes
- Increases EHRA Membership among Russian heart rhythm physicians and allied professionals interested in or involved in the field of EP and CP
- Co-develops EP educational courses in the Russian language



| | | | | |
|------|---|--------|--|----|
| Apr | *Implantable devices for diagnosis and treatment of cardiac rhythm disorders | Moscow | Maurizio Lunati Amiran Revishvili Maxim Didenko Alexander Romanov | 60 |
| July | *Clinical cardiac electrophysiology and catheter ablation of tachyarrhythmias | Moscow | Amiran Revishvili Maxim Didenko Alexander Romanov | 47 |
| Nov | *Cardiac arrhythmia management & cardiac electrophysiology for cardiologists | Moscow | Maxim Didenko Alexander Romanov Sime Manola | 80 |

* In partnership with the Russian Scientific Society of Clinical Electrophysiology, Arrhythmology and Cardiac Pacing (RSSA).



Education

Webinars

EHRA organised a total of 10 webinars during 2019, as shown in the following table. These included five webinars for EHRA Members and a series of five open-access webinars available to everyone. The recordings of these webinars can be found on the Education section of the EHRA webpage.

| Date | Topic | Presenter | Moderator | Attendees |
|------|---|--------------------------------------|-----------------|-----------|
| Jan | *Arrhythmias during pregnancy | Tatjana Potpara | Sabine Ernst | 96 |
| Feb | Performance of oral anticoagulants in high risk patient populations with atrial fibrillation | Ronan Collins, Stefan H Hohenloser | Jan Steffel | 342 |
| Apr | Triple therapy post PCI in patients with atrial fibrillation: What do current trial data say / What do the guidelines tell us ? | Davide Capodanno, Hein Heidbuchel | Martin Hemels | 451 |
| May | *Heart failure and AF: when to ablate? | Jose Luis Merino | Lucas Boersma | 95 |
| Jun | *Mobile Health as diagnostic or screening tool for arrhythmias: Solution or a threat? | Emma Svennberg | John Camm | 45 |
| Jul | *Cardiovascular evaluation in athlete | Sanjay Sharma | Hein Heidbuchel | 55 |
| Sep | New RF catheter ablation tools for persistent contiguous transmural lesion formation: How to use them? | Mattias Duytschaever, Philipp Sommer | Dipen Shah | 363 |
| Oct | Acute coronary syndrome and atrial fibrillation: triple or double anticoagulation therapy? | Robert Byrne, Robert Storey | Jan Steffel | 509 |
| Nov | Anticoagulation issues in the elderly and patients with chronic kidney disease and atrial fibrillation | Ronan Collins, Martin Hemels | John Camm | 466 |
| Dec | *Tips and tips for effective His pacing | Daniel Keene | Andrea Sarkozy | 163 |

* Exclusive access for EHRA Members.

STEEER-AF

Stroke prevention & rhythm control Therapy: Evaluation of an Educational programme of the ESC in a cluster-Randomised trial in patients with Atrial Fibrillation.



EHRA, together with the ESC Council on Stroke, is working on phase II and III of the education and performance improvement of the STEEER AF programme.

Phase I was completed, surfacing a series of gaps in practice in six countries in the following areas:

- (1) Current treatment and management of AF
- (2) Utilisation of optimal stroke prevention strategies with AF patients
- (3) Other potential issues and barriers in the management of AF

EHRA played an active role in the final study design, and is now co-principal investigator.

Phase II includes the design and the deployment of the educational activities and Phase III includes the evaluation of the participants to assess effectiveness of the program. The EHRA Scientific Initiatives Committee reviewed the original protocol and suggested major edits that were subsequently included in the final study design.



Selection

Following the implementation of the new MedTech regulations, the EHRA Selection Committee is in charge of selecting candidates to attend the EHRA Congress.

425 educational congress grants and **150 industry congress grants** were awarded for EHRA 2019.

Since the educational congress grants became increasingly popular, the Selection committee further refined the selection process with the goal to support even more EHRA Congress participation and strengthen the transparency of the selection process.

The committee continues the training fellowship activities which promote the development of academic medicine in the field of cardiac rhythm disorders in the ESC area.

The fellowship activities cover the EHRA Observational Training Programme which gives applicants the chance to attend **two to four weeks of clinical shadowing and learning in electrophysiology**, and cardiac pacing at one of the EHRA Recognised Training Centres (ERTC).

In 2019, **14 EHRA Observational Training Programme grants** were awarded to physicians from across Europe.

The committee reviewed the fellows' reports and found an overall great satisfaction with the program and its impact on the fellows' professional skills.



Education

Certification

Designed to certify both practical experience and expertise in cardiac devices and electrophysiology, EHRA certification was launched in 2005. In recent years, success rates have improved, which may in part be due to the exam preparatory courses organised by the EHRA Education Committee.

The exam consists of a rigorous test of knowledge with pass marks set by the standard-setting committee using validated statistical methods. The EHRA certification process assesses the competence, knowledge and skills of physicians and allied professionals. Success on the exam provides 10-year certification at level one, but for physicians, an additional logbook is needed to achieve full level-two certification.

The proportion of candidates passing the exam in 2019



EHRA Recognised Training Centres (ERTC)

The EHRA Certification committee is also in charge of the EHRA Recognised Training Centres.

The **EHRA Recognised Training Centres (ERTC)** initiative encourages good educational practices by providing a quality label for training excellence and efficiency. **27 centres** have gone through the selection process and are now enrolled in the programme.





Advocacy

PILLAR CHAIRPERSON



**e-Communications
Committee**
**Dr. Francisco
Moscoso Costa**



**mHealth, Health
Economics and
PROM Coordinator**
Dr. Emma Svennberg



**Women in EP
Coordinator**
Dr. Laura Vitali Serdoz

In the field of advocacy, health economics and quality of care EHRA has taken some steps forward

Since 2018, EHRA is part of the ESC Advocacy Committee and the ESC Communications Committee. There are several ongoing projects to support the standardisation and implementation of measurement of quality and outcomes indicators in atrial fibrillation and atrial flutter that will be completed by 2020.

EHRA also strives to promote and enhance the quality of care for patients with cardiac arrhythmias on an institutional level. Within this context, EHRA regularly collaborates with the EP Working Groups and National Cardiac Societies of the 57 ESC member countries by participating in various policy meetings, such as the recent Central European Arrhythmia Policy Symposium that took place at the end of September in Budapest. This event was co-organised with the Arrhythmia Working Group of the Hungarian Society of Cardiology, and the Health Management Center of the Semmelweis University (Budapest), and **involved top representatives from a dozen countries of the Central and Eastern European region**. The aim was to discuss the major issues encountered in these countries and the solutions to facilitate collaboration with European decision-makers for effective arrhythmia policy and regulation.

Digital innovation and transformation

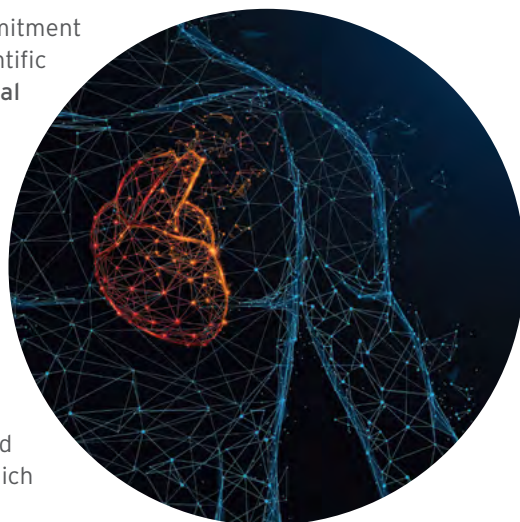
For EHRA, the ongoing digitalisation of healthcare and arrhythmia diagnosis is of high importance. This view is mirrored by the sentiments of EHRA national leaders, who at the EHRA Summit got the following question:

"What are the most important factors that change our work environment?"
They replied, "Digitalisation of health care!"

In order to meet this challenge, EHRA is making a major commitment to digitalisation by taking an active role in educational and scientific activities. The most important upcoming activity will be the new **Digital Arrhythmia Day at the EHRA 2020, 29-31 March in Vienna**, an entire day with symposia dedicated to digital health, which will be co-organised with the HRS Digital Committee and the ESC e-Cardiology Working Group.

The collaboration with sister organisations remains important, and from 2019 EHRA has been represented within the newly formed Heart Rhythm Society (HRS) Digital Committee. This committee initiated the first very well-attended digital summit at the HRS meeting in San Francisco 2019, which was co-organised with EHRA. A new co-organised digital summit is planned for 2020. Since 2019, EHRA has a liaison officer in the **ESC Digital Health Committee**, providing an opportunity to influence the content and represent the association at the first successful **ESC Digital Congress**, which took place in Tallinn 2019.

Other activities in 2019 also include collaboration with the Young EP Committee in a survey on wearables, the production of a webinar and active participation in several scientific documents on digital health.



e-Communications

This year saw the beginning of a new EHRA presence on social media through Twitter using the hashtag “#EHRA_ESC”. During both the EHRA and ESC Congresses there was remarkable participation from the arrhythmia community that helped to spread visibility to relevant news and initiatives. Make sure you follow the trend and keep up to date with the latest news from your association.



afibmatters.org

"afibmatters.org is designed to provide detailed and trustful information to patients and families aiding them to better understand how to live with atrial fibrillation."
Dr. Francisco Moscoso Costa

The committee has been working on a significant reorganisation and redesign of www.afibmatters.org to make it even more accessible for patients and results are expected by early 2020.

afibmatters.org in 2019



Over **283,475** from April to December 2019

9 languages:

English, French, German, Italian, Spanish, Swedish, Portuguese, Russian and Polish





Women in EP

Mission: To highlight the unique aspects of female gender in patients with cardiac arrhythmias, and better represent the female healthcare professionals working in electrophysiology.



Women in EP Scientific Network is growing

Over 250 female EP experts now constitute the Women in EP Scientific Network

200 of these contacts have declared interest in actively participating in EHRA congresses and other scientific meetings as chairperson or speaker

25% of female faculty for EHRA 2019 were recommended thanks to the Women in EP Scientific Network

NEW! Women in EP LinkedIn Group!

Already more than 50 members are involved in order to facilitate the professional connection among women working in this field



Research

PILLAR CHAIRPERSON



Scientific Documents Committee
Dr. Nikolaos Dagres



Scientific Initiatives Committee
Assoc. Prof. Tatjana Potpara

Scientific Documents

The committee facilitates, develops and publishes relevant scientific content. Recent articles published in *EP Europace Journal* include:

- **EHRA international consensus document** on how to prevent, diagnose and treat cardiac implantable electronic device infections, endorsed by HRS, APHRS, LAHRS, ESCMID, ISCVI, in collaboration with EACTS
- **EHRA EAPCI expert consensus statement** on catheter-based left atrial appendage occlusion – an update
- **EHRA position document** on ‘real world’ observational studies in arrhythmia research: quality criteria, methodology and interpretation, endorsed by HRS, APHRS, LAHRS
- **EHRA position paper** on arrhythmias in emergency presentations and acute revascularisation, endorsed by ACCA and EAPCI
- **EHRA position document** on asymptomatic cardiac arrhythmias: approach, evaluation, consequences and management, endorsed by HRS, APHRS, LAHRS, CASSA, HFA
- **EHRA white paper:** knowledge gaps in arrhythmia management – status 2019



“EHRA Key Messages App”

Free app containing the main messages of the published scientific documents in a concise format and providing highlights in an accessible format.

In 2019:
over 13,000 Key Messages were downloaded by over 1,700 users from 119 countries

Ranked as one of the best electrophysiology journals in the world, *EP Europace* achieved an impressive **Impact Factor of 5.047** in 2018!

EP Europace

EHRA's official journal, as well as that of the ESC Working Groups on Cardiac Cellular Electrophysiology and e-Cardiology.



Scientific Initiatives

The committee continues to undertake research through its **EP surveys**, which provide insight into how consistently arrhythmia treatment is applied across ESC member countries. It also **monitors the implementation of ESC Clinical Practice Guidelines**, such as the recently conducted survey on the Management of Patients with Syncope (2018 ESC Syncope Guidelines).



To carry out its centre-based surveys, the Scientific Initiatives Committee can count on the collaboration of more than 150 EP centres that form the **EHRA Scientific Research Network**.

Over the past year, the work of the Committee has moved more towards needs-assessment studies with a much wider scope, including and supporting other cardiologists and other specialties (with the launch of its new research proposal initiative), developing and disseminating studies such as:

- **'Contemporary management of patients with AF and CKD'**, carried out together with the European Renal Association
- **'EHRA Educational needs assessment study on lead management'**, carried out together with the European Federation of Internal Medicine and the ESC Working Group on Cardiovascular Surgery
- **'Obstructive sleep apnea management in atrial fibrillation care'**, carried out by Antwerp University, Hasselt University, the Maastricht University Medical Center, the University of Adelaide, SAHMRI (South Australian Health and Medical Research Institute)



The surveys' results are published in the *EP Europace Journal* and on the EHRA website.

Registries and Trials

EHRA is represented by the Scientific Initiatives Committee Chair within the European Observational Research Programme (EORP) for a number of important registries. These registries enable a timely assessment of the uptake of ESC Guidelines, monitoring of their implementation, and determination of the adherence to these guidelines.

Notable amongst these are:

- **Atrial Fibrillation Ablation Registry (AFA)** aims at describing the clinical epidemiology of patients undergoing an atrial fibrillation ablation procedure, and the diagnostic and/or therapeutic processes applied. The registry tracks new anti-thrombotic drugs and new anti-arrhythmic agents and determines the outcomes as they relate to AF Guideline adherence. The main results, including one-year outcomes, were published in the *European Heart Journal* in May 2017.
- **Atrial Fibrillation General Long-term Registry** was launched in 2014. The long-term phase has completed recruitment with more than 19,700 patients currently enrolled. The main results were published in September 2017 on 11,096 patients in the *EP Europace Journal*.
The antithrombotic treatment and outcomes at 1-year follow-up in patients were published in March 2019.
- **Atrial Fibrillation Phase III** was launched in July 2018 in adherence to the new ESC Atrial Fibrillation Guidelines published in 2016. Enrolment is completed and patients are in follow-up period. 228 sites from 31 countries enrolled 8,683 patients. Statistical analyses should be delivered shortly. The publication of new atrial fibrillation guidelines is planned for 2020 and will include results of AFIII registry.
- **European Lead Extraction CONtrolled Registry (ELECTRa)** is a large, prospective, multi-centre (76), European-controlled registry of consecutive patients undergoing TLE procedures in 19 European countries including a one-year follow-up phase. Recruitment was completed some time ago with more than 3,500 patients and the main results were published in 2017 in the *European Heart Journal*.

Epicardial Hybrid Atrial Fibrillation Ablation Registry (EHAFAR) aims at describing the diagnostic and therapeutic approaches used in routine practice when performing Epicardial Hybrid Atrial Fibrillation Ablation (EHAF) procedures. Enrollment ended on 31 March 2018 with 469 patients and 17 centres. The analysis of the database is in progress.

| EORP | | #Countries | #Centres | #Patients | Registry Status | Publication Status |
|--------------------------------------|---------------------|------------|----------|-----------|--------------------|-------------------------|
| Atrial Fibrillation Ablation | Pilot phase | 10 | 72 | 1,410 | Registry completed | Publication in progress |
| | Long term phase | 27 | 115 | 3,670 | Registry completed | Publication in progress |
| Atrial Fibrillation General | Pilot phase | 9 | 70 | 3,229 | Registry completed | Publication in progress |
| | Long term phase | 35 | 490 | 19,754 | Follow-up ENDED | Publication in progress |
| | Long term Sub-study | | | | Follow-up ongoing | |
| Atrial Fibrillation Phase III | | 31 | 228 | 8,676 | Follow-up ongoing | |
| ELECTRa | | 19 | 76 | 3,579 | Registry completed | Publication in progress |
| EHAFAR | | 10 | 27 | 398 | Analysis | |

EAST-AFNET 4 Trial

Early Comprehensive Atrial Fibrillation Stroke Prevention Trial (EAST) is a European, investigator-initiated study jointly conducted by AFNET and EHRA. The trial is supported by a unique partnership including Sanofi Aventis and St Jude Medical, receiving further funding from the German Ministry of Education and Research (BMBF) through the German Centre for Cardiovascular Research (DZHK).



Its aims are to determine whether early, comprehensive, rhythm control intervention can help prevent adverse cardiovascular outcomes associated with atrial fibrillation, including stroke and death, compared to usual care. The trial is ongoing and will continue to follow up all 2,789 patients until the end of the trial. EAST - AFNET 4 will report its main results once the planned number of outcome events is reached. While the follow-up is ongoing, the EAST - AFNET 4 investigators have contributed actively to the ongoing debate on the impact of rhythm control therapy (Willems, Meyer, et al Eur H J in press). First analyses of the genomic data in the EAST - AFNET 4 biosample substudy were reported last year (Roseeli et al, Nat Gen 2018).



Horizon 2020: EU-funded projects

Together with the ESC, and through its Scientific Initiatives Committee, EHRA is involved in a number of EU-funded research projects, often as a dissemination partner. EHRA's role is fundamental to ensure that the very latest, best practices are shared with as many cardiovascular practitioners, researchers and institutions as possible.

European Sudden Cardiac Arrest network: towards Prevention, Education, New Effective Treatment (ESCAPE- NET).

Together with large international scientific societies/associations and the European Resuscitation Council (ERC), EHRA is involved in the dissemination with the aim of translating the outcomes into European clinical practice for the prevention of Sudden Cardiac Arrest (SCA), and for European infrastructures to improve survival after SCA.



A symposium composed of two sessions ('Sudden cardiac death in sports activities' and 'Sudden cardiac arrest: European perspectives and solution') were held during EHRA 2019 in Lisbon.

EHRA is also involved in two new successful EU calls:

- **AFFECT-EU** involves 14 EU countries. Its major goal is to develop an accurate, risk-based and ready for implementation AF screening algorithm using digital devices, for early detection and reduction of AF-related health inequities, morbidity and mortality in Europe.
- **PROFID** will develop a clinical decision support tool (risk score) to predict the sudden cardiac death risk and identify those post-MI patients that will optimally benefit from an implantable cardioverter-defibrillator (ICD).

These projects have received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement no. 733381, no. 847770 and no. 847999.



Membership

PILLAR CHAIRPERSON



**National Cardiac Societies
Committee**
Prof. Dr. Isabelle van Gelder



**International
Affairs Coordinator**
Prof. Lluís Mont



**Young EP
Committee**
Assoc. Prof.
Dr. Jędrzej Kosiuk

National Cardiac Societies

Three main objectives shape the activities of the National Cardiac Societies Committee

- To improve relations between EHRA and EP National Cardiac Societies (NCS)/ Working Groups (WG) as well as monitor their expectations to facilitate collaboration
- To encourage individual members to join EHRA and become more involved in the association
- To implement actions and procedures which lead to better networking, such as the EHRA Summit, and joint sessions on EP NCS/WG events

2019 achievements



EHRA Summit

The EHRA Summit was held on 13-14 June. More than 100 participants gathered for the event in Krakow, Poland and 45 countries contributed, discussing membership and diversity within EHRA, in line with the topic 'How can EHRA better serve EP National Cardiac Societies and their members?'.

EP Working Group of the Moment

Together with the support of the EHRA e-Communications and Young EP Committees, the National Cardiac Societies Committee launched the 'EP Working Group of the Moment' initiative, aiming at showcasing quarterly the activities of an EP National Cardiac Society or EP Working Group of the EHRA network.

EHRA Joint Sessions

EHRA collaborated with several EP NCS and WG on joint sessions throughout the year.

Membership

| Date | Local Organiser | Event | Topic of joint session | Faculty |
|---------------|--|---|---|---|
| 7 Mar | The EP and Arrhythmia section of the Spanish Cardiac Society and the Cardio-stimulation section of the Spanish Cardiac Society | RITMO19 Barcelona, Spain | "Persistent atrial fibrillation. Can we improve our results?" | Felipe Atienza Fernández Lluís Mont Girbau Edouard Gitenay Jose Luis Merino Llorens Christopher Piorkowsky |
| 15 Mar | Associação Portuguesa de Arritmologia, Pacing e Eletrofisiologia (APAPE) & Instituto Português do Ritmo Cardíaco (IPRC) | ARRITMIAS 2019 Cascais, Portugal | "Impact of European and national registries in clinical practice and knowledge" | Elena Arbelo Nuno Cardim Hein Heidbuchel Mario M. Oliveira Francisco Moscoso Costa |
| 16 May | Ukrainian Association of Arrhythmologists | IX Conference of the Association of Arrhythmologists of Ukraine Kiev, Ukraine | "Joint session of Association of Arrhythmologists of Ukraine and European Heart Rhythm Association (EHRA ESC)" | Michał Chudzik Francisco Moscoso Costa Alexander Stychynskiy Oleg Sychoy |
| 17 May | Romanian Working Group on Arrhythmias of the Romanian Society of Cardiology | National Conference of Romanian Society of Cardiology Working Groups Sibiu, Romania | "Joint session of Working Group on Arrhythmias of the Romanian Society of Cardiology and the European Heart Rhythm Association" | Dragos C. Cozma Gheorghe-Andrei Dan Hein Heidbuchel Cecilia Linde Radu Vatasescu |
| 6 Jun | Working Group on electrophysiology of the Cardiology Society of Serbia | EP Serbia (1st edition) Belgrade, Serbia | "Challenges in DOAC treatment in atrial fibrillation patients" | Christoph Bode Hein Heidbuchel Nebojša Mujović Slobodan Obradović Tatjana Potpara Christian Sticherling |
| 25 Sep | Rhythmology and Working Group of the French Cardiac Society Cardio-stimulation | 20èmes Journées de Rythmologie Avignon, France | "European arrhythmia management - current and future practice" | Carlo De Asmundis Jose M. Guerra Ramos Christophe Leclercq Eloi Marijon |
| 4 Oct | Arrhythmias Working Group of the Turkish Cardiac Society | 35th Congress of the Turkish Society of Cardiology Antalya, Turkey | "Cardiac Arrhythmias and Sudden Cardiac Death in Acute Coronary Syndromes" | Ahmet Akyol Axel Brandes Bülent Görennek Alexandru Mischie Bülent Özin |
| 8 Oct | Arrhythmia Alliance | HRC 2019 Birmingham, UK | "Gaps of knowledge in anticoagulation in atrial fibrillation" | Prapa Kanagaratnam Paulus Kirchhof Tatjana Potpara Irina Savelieva |
| 10 Oct | Belgian Heart Rhythm Association | 13th Belgian Heart Rhythm Meeting Brussels, Belgium | "Special Focus Session: Telemonitoring to improve outcomes of Heart Failure patients" | Dominique Blommaert Tim Boussy Haran Burri Jean-Claude Deharo Hein Heidbuchel Ward Heggermont Georges H. Mairesse David Raes |

Membership

International Affairs

The EHRA International Affairs Coordinator is responsible for extending the valuable relationships and deep cooperation between EHRA and its sister societies. Face-to-face meetings were organised at board level to discuss topics of mutual interest and ongoing collaboration, including scientific documents, education and joint sessions. These sister societies included APHRS (Asia Pacific), LAHRS (Latin America), HRS (USA).

APHRS: Asia Pacific Heart Rhythm Society
HRS: Heart Rhythm Society
LAHRS: Latin American Heart Rhythm Society



EHRA Young Electrophysiologists (Young EP)



Membership




FEHRA
Fellow of EHRA

Fellowship
Recognising excellence through the
Fellowship of EHRA
Annual call for applications
1 August - 15 October



EP Europace Journal
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EHRA
European Heart
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For all other information please contact:

European Society of Cardiology

The European Heart House

Les Templiers, 2035 route des colles

CS 80179 Biot, 06903 Sophia Antipolis Cedex,
FRANCE

Tel: +33 (0)4 92 94 76 00

Fax: +33 (0)4 92 94 76 01

Website: escardio.org/EHRA