



16th ISHNE

Congress of the International Society for Holter and Noninvasive Electrocardiology

Congrès commun avec la 10^{ème} journée de formation continue en Rythmologie et la 2^{ème} Journée Nationale de la filière nationale de santé CARDIOGEN

Chairman : Philippe CHEVALIER, Lyon - FRA

Scientific Committee : Jean-Philippe COUDERC, Rochester - USA – Iwona CYGANKIEWICZ, Lodz - POL
Sergio DUBNER, Buenos Aires - ARG – Derek EXNER, Calgary - CAN – Mark HAIGNEY, Bethesda - USA
Ryszard PIOTROWICZ, Warsaw - POL – Jonathan STEINBERG, New York - USA – Richard VERRIER, Boston - USA
Wojciech ZAREBA, Rochester - USA

June, 4-6 2015

LYON, FRANCE

L'ESPACE
TÊTE D'OR
CENTRE DE CONGRES



www.ishne2015.org

Dear Colleagues and Friends,

On behalf of the Organizing and Scientific Committees, I am pleased to announce that the International Society of Holter and Non-Invasive Electrocardiography (ISHNE) annual meeting will be held June 4-6, 2015, at the "Espace Tête d'Or" in Lyon, France. I want to invite and welcome physicians and scientists involved in cardiac arrhythmias around the world to participate in this unique event. The ISHNE meeting is a great opportunity to network and learn from one another, as well as to develop professional skills.

The program will include sessions for electrophysiologists, general cardiologists, physicians working in sports medicine, and family physicians, as well as technicians working in pacing, EP, and cardiac care units. The latest innovations in medical devices and biotechnology will be highlighted.

I am also confident that you will enjoy Lyon, a modern international city set in a marvelous location. "Vieux Lyon," its unique Old Town, is a UNESCO World Heritage site. I look forward to seeing you in the former Capital of Roman Gaul in June 2015.

Prof. Philippe CHEVALIER



TOPICS:

- Basic translational science (*metabolism, oxidative stress, molecular biology*)
- Biomarkers in arrhythmogenic cardiac diseases
- Cardiac channelopathies
- Catheter ablation
- Clinical electrophysiology and electro-anatomic mapping
- Implantable cardiac electronic devices
- Heart failure
- Pediatrics and adult congenital heart disease
- The aging heart: adjusting to the changing demographic
- Heart and brain interactions: evaluating the autonomic nervous system
- Sports and cardiovascular health
- Digital health at the crossroad of technology and cardiology

09:00 ATRIAL FIBRILLATION (1) MANAGEMENT IN 2015**Chairmen: R. PIOTROWICZ, Warsaw - POL – J. STEINBERG, New York**

- Biology of the substrate of atrial fibrillation *S. HATEM, Paris - FRA*
- The incidence and risk factors for new onset atrial fibrillation *L. TERESHCHENKO, Portland - USA*
- Can we improve the stroke risk stratification of AF patients? *A. ROSSILLO, Mestre-Venezia - ITA*
- Personalized therapy of AF patients *A. J. CAMM, London - UK*

10:30 – 11:00 ☕ COFFEE BREAK

11:00 SUDDEN CARDIAC DEATH: TIME TRAVEL IN THERAPY AND DIAGNOSIS**Chairmen: P. CHEVALIER, Lyon - FRA – W. ZAREBA, Rochester - USA**

- Brugada Syndrome *J. BRUGADA, Barcelone - SPA*
- Arrhythmogenic right ventricular cardiomyopathy/Dysplasia *G. FONTAINE, Paris - FRA*
- Automatic Implantable Defibrillator *E. ALIOT, Nancy - FRA*

12:30 – 14:00 🍷 LUNCH BREAK

13:00 GILEAD SYMPOSIUM - STATE-OF-THE-HEART ON LATE SODIUM CURRENT**Chairman: R. AVRAM, Timisoara - ROM – A. OTO, Ankara - TUR – W. ZAREBA, Rochester - USA**

- The late sodium current *A. ZAZA, Milano - ITA*
- Preclinical arrhythmia studies with late sodium current blockers *L. BELARDINELLI, Foster City - USA*
- Late sodium current modulation and atrial fibrillation *A. J. CAMM, London - UK*
- Late sodium current blockers for ventricular arrhythmias and QT prolongation *W. ZAREBA Rochester - USA*

14:00 NON-INVASIVE RISK MARKERS OF SUDDEN CARDIAC DEATH**Chairmen: M. KURPESA, Lodz - POL – T. TANABE, Nagoya - JAP**

- Current view of QT variability *M. HAIGNEY, Bethesda - USA*
- Fragmented QRS *T. KLINGENHEBEN, Bonn - GER*
- QT dynamicity *F. EXTRAMIANA, Paris - FRA*
- Heart rate turbulence *I. CYGANKIEWICZ, Lodz - POL*

15:30 – 16:00 BREAK

16:00 ATRIAL FIBRILLATION (2) ANTICOAGULATION**Chairman: S. DUBNER, Buenos Aires - ARG – P. STONE, Boston - USA**

- Does AF matter? Using the CHADS₂ Vasc score as sole determination in prescribing anticoagulants in detected AF? *A. J. CAMM, London - UK*
- Which anticoagulant for which patient? *S. MITTAL, New York - USA*
- Emergency reversal of anticoagulation: novel agents *L. DROUET, Paris - FRA*
- Periprocedural risk of patients undergoing ablation for atrial fibrillation on warfarin vs NOACs *J. STEINBERG, New York - USA*

17:00 ATRIAL FIBRILLATION (3) ABLATION**Chairmen: F. SACHER, Bordeaux - FRA – J. STEINBERG, New York - USA**

- Cryoablation of pulmonary veins : the simple answer? *ARENZT, Bad Krozingen - GER*
- Pharmacological disconnection of pulmonary veins *V. MAUPOIL - I. FINDLAY, Tours - FRA*
- Antiarrhythmic drugs are outmoded and catheter ablation should be the first-line option for all patients with paroxysmal atrial fibrillation *Pro: J.-B. CHIERCHIA, Jette - BEL*
Con: P. GUERRA, Montreal - CAN
T. ARENTZ, Bad Krozingen - GER
- Title to be confirmed

18:00 OPENING AND AWARD CEREMONY**19:45** GALA DINNER

08:30 DILATED CARDIOMYOPATHY**Chairman: Y. ROSENBERG Bethesda - USA**

- Clinical presentation
- Genetics of dilated cardiomyopathy
- LINC complexes in health and disease
- Sodium channelopathy in dilated cardiomyopathy

*P. ADAMSON, Oklahoma - USA**L. MESTRONI, Aurora - USA**A. MEJAT, Lyon - FRA**M. CHAHINE, Québec - CAN***09:30 CATECHOLAMINERGIC POLYMORPHIC VENTRICULAR TACHYCARDIA****Chairmen: B. BREMBILLA PERROT, Nancy - FRA – J.-S. HERMIDA, Amiens - FRA**

- Diagnosis and treatment of CPVT *A. LEENHARDT, Paris - FRA*
- Unexplained sudden death, focusing on genetics and family phenotyping *E. BEHR, London - UK*
- Functional studies of RYR2 and CASQ2 variants *N. ROUX-BUISSON, Grenoble - FRA*
- Extinguishing intracellular calcium leak: a promising antiarrhythmic approach?

*S. RICHARD, Montpellier - FRA***10:30 – 11:00 ☕ COFFEE BREAK****11:00 EVALUATION AND MANAGEMENT OF PATIENTS WITH SYNCOPE****Chairmen: J.-L. PASQUIE, Montpellier - FRA – P. STONE, Boston - USA**

- Risk stratification and clinical decision-making
- Syncope and the role of autonomic imbalance
- How to identify pacemaker candidates?
- Atrio-ventricular block
- Long-term ambulatory ECG monitoring: role in diagnosing patients with syncope

*S. MITTAL, New York - USA**V. MOGA, Timisoara - ROM**B. OLSHANSKY, Urbana-Champaign - USA**L. de ROY, Wavre - BEL**E. LOCATI, Milan - ITA***12:30 – 14:00 🍽️ LUNCH BREAK****14:00 CARDIAC RESYNCHRONIZATION THERAPY****Chairman: J. K. WRANICZ, Lodz - POL**

- How important is remote monitoring of CRT and heart failure? *S. MITTAL, New York - USA*
- Non-invasive electroanatomic mapping: can electrocardiographic imaging improve candidate selection for CRT? *N. VARMA, Cleveland - USA*
- Holter analyses in MADIT-CRT patients *W. ZAREBA, Rochester - USA*
- Long PR in CRT patients *V. KUTYIFA, Rochester - USA*
- Best approach for CRT candidates with AF *J. STEINBERG, New York - USA*

15:30 – 16:00 BREAK**16:00 CLINICAL CASES AND ECG/EGM INTERPRETATION IN CRT****Chairman: M. CHUDZIK, Lodz - POL – S. KACET***K. BIEGANOWSKA, Warsaw - POL**H. BURRI, Genève - SUI**C. KOUAKAM, Lille - FRA**B. OLSHANSKY, Urbana-Champaign - USA**K. SZYDLO, Lodz - POL***17:00 ALIVECOR SYMPOSIUM - ECG IN THE CLOUD : HOW NEXT GENERATION OF ECG TECHNOLOGIES WILL IMPACT CLINICAL PRACTICE?****Chairmen: D. ALBERT, Oklahoma - USA – J.-P. COUDERC, Rochester - USA**

- Regulatory challenges associated with cloud-based and internet-based ECG monitoring Technologies *L. RICCI - US-FDA*
- The QT scale device: enabling the integration of QT/QTc measurements in routine physical examinations *J.-P. COUDERC, Rochester - USA*
- AliveCor experience on cloud-based ECG devices: challenges and successes *D. ALBERT, Oklahoma - USA*

19:45 GALA DINNER

09:00 ARRHYTHMOGENIC RIGHT VENTRICULAR CARDIOMYOPATHY/DYSPLASIA**Chairmen: G. FONTAINE, Paris - FRA – B. MAUNTER, Buenos Aires- ARG**

- ARVC/D diagnosis *R. HAUER, Utrecht - NL*
- Epidemiology and genetics of ARVC/D *E. GANDJBAKHCH, Paris - FRA*
- Usefulness of electrocardiographic parameters for risk prediction in ARVC/D *F. DURU, Zurich - SWI*

10:30 – 11:00 ☕ COFFEE BREAK

11:00 EXPANDING HORIZONS OF T-WAVE ALTERNANS**Chairmen: T. KLINGENHEBEN, Bonn - GER – R. L. VERRIER, Boston - USA**

- Exercise-based TWA testing *T. KLINGENHEBEN, Bonn - GER*
- Ambulatory ECG-based TWA monitoring *T. IKEDA, Tokyo - JAP*
- TWA in REFINE ICD trial *D. EXNER, Calgary - CAN*
- TWA as a therapeutic target *R. L. VERRIER, Boston - USA*

12:30 – 14:00 🍽️ LUNCH BREAK

14:00 HYPERTROPHIC CARDIOMYOPATHY**Chairmen: L. DE ROY, Wavre - BEL – D. EXNER, Calgary - CAN**

- Intra atrial block and Atrial fibrillation in HCM patients *A. BARANCHUK, Kingston - CAN*
- ICD and HCM *P. CHARRON, Paris - FRA*
- CMR and HCM : present and future *J. MOON, London - UK*
- Long-terms outcomes after medical and invasive treatment in patients with hypertrophic cardiomyopathy *M. MICHELS, Rotterdam-NL*

15:30 – 16:00 BREAK

16:00 SLEEP APNEA AND RESPIRATORY PATTERN MONITORING**Chairmen: M. HAIGNEY, Bethesda - USA – B. OLSHANSKY, Urbana-Champaign - USA**

- Ultrastructural and morphological atrial alterations due to sleep apnea *A. BARANCHUK, Kingston - CAN*
- Autonomic nervous system disturbances *M. T. LA ROVERE, Pavia - ITA*
- Cardiovascular complications of sleep apnea *M. C. NICHOLAS, Dublin - IRL*
- Respiratory Pattern Holter Monitoring *D. MORTARA, Milwaukee - USA*

17:00 CARDIAC RESYNCHRONIZATION THERAPY AND ICD**Chairmen: S. DUBNER, Buenos Aires - ARG – V. MOGA, Timisoara - ROM**

- Heart failure monitoring: what's new? *P. ADAMSON, Oklahoma - USA*
- Surface ECG and follow up *H. BURRI, Geneve - SUI*
- CRT in children *J.-B. THAMBO, Bordeaux - FRA*
- Defibrillation testing: clinically important or obsolete? *Con: M. GOLD, Charleston - USA*
Pro: D. EXNER, Calgary - CAN

08:45 J-WAVE SYNDROMES**Chairmen: P. MAURY, Toulouse - FRA – R. PIOTROWICZ, Warsaw - POL**

- Electroclinical presentation *D. DUPLYAKOV, Samara - RUS*
- Early repolarization pattern: an innocent finding *P. MACFARLANE, Glasgow - UK*
- A marker of risk *F. SACHER, Bordeaux - FRA*
- Brugada Phenocopy: state of the art of a new ECG phenomenon *A. BARANCHUK, Kingston - CAN*
- The value of the vectorcardiogram for the diagnosis of Brugada syndrome *A. R. PÉREZ-RIERA, Sao Paulo - BRA*
- Early repolarization is associated with ventricular tachyarrhythmias in patients with acute ST elevation myocardial infarction *M. JASTRZEBSKI, Cracow - POL*

10:30 – 11:00 ☕ COFFEE BREAK**11:00 CLINICAL CASES ECG INTERPRETATION****Chairmen: A. BAYES DE LUNA, Barcelona - SPA – R. FRANK, Paris - FRA**

M. JASTRZEBSKI, Cracow - POL
C. KOUAKAM, Lille - FRA
M.C. GONZALEZ, Woluwe-Saint-Lambert - BEL

13:00 LIFEVEST SYMPOSIUM - WEARABLE CARDIOVERTER DEFIBRILLATOR (WCD) MANAGING SCD RISK**Chairmen: M. GOLD, Charleston - USA – J. L. PASQUIE, Montpellier - FRA**

- Management of patients in the early phase after acute MI with LV dysfunction *T. KLINGENHEBEN, Bonn - GER*
- Clinical use of the WCD: Plugging the gaps *M. M. CHUNG, Rochester - USA*
- The WCD: remote patient management *N. VARMA, Cleveland - USA*
- WEARIT II Registry *V. KUTYIFA, Rochester - USA*

14:00 SPORTS AND ARRHYTHMIAS**Chairmen: M. HAIGNEY, Bethesda - USA – S. THEMISTOCLAKIS, Mestre-Venezia - ITA**

- Pathogenesis of sudden cardiac death in young athletes *A. ROSSILLO, Mestre Venezia - ITA*
- Can the athlete heart be proarrhythmic? *D. CORRADO - ITA*
- Lessons from the French Registry on Sudden Death During Sports *E. MARIJON, Paris - FRA*

15:30 – 16:00 BREAK**16:00 LONG QT SYNDROME****Chairman: D. DUPLYAKOV, Samara - RUS**

- QT dynamics in LQTS *J. P. COUDERC, Rochester - USA*
- Gene-guided therapy *I. DENJOY, Paris - FRA*
- Late sodium current blockers in LQTS *W. ZAREBA, Rochester - USA*
- LQTS: evaluating first degree relatives *E. SCHULZE-BAHR, Münster - GER*

17:00 AUTONOMIC IMBALANCE: STATE OF THE HEART**Chairmen: I. CYGANKIEWICZ, Lodz - POL – B. MILOVANOVIC, Belgrade - SER**

- Non-pharmacological modulation of the autonomic nervous system *E. PTASZYNSKI, Lodz - POL*
- Effect of baroreceptor stimulation and renal denervation on cardiac arrhythmias *D. LINZ, Homburg-Saar - GER*
- Heart rate variability *J.-C. BARTHELEMY, Saint Etienne - FRA*
- Autonomic nervous system and sudden death *J. SACHA, Opole - POL*

09:00 LBBB – FROM BENCH TO BEDSIDE

Chairmen: F. EXTRAMIANA, Paris - FRA – J. K. WRANICZ, Lodz - POL

- Epidemiology and prognosis of LBBB *D. DUPLYAKOV, Samara - RUS*
- Mechanical activation pattern in LBBB and its impact on ventricular contraction *V. KUTYIFA, Rochester - USA*
- Tissue Doppler and 3D-echo in dyssynchrony assessment in LBBB *M. TRUKHINA, Saint Petersburg - RUS*
- CRT outcomes: LBBB vs other BBB *J. K. WRANICZ, Lodz - POL*

10:30 – 11:00 ☕ COFFEE BREAK

11:00 TELECARDIOLOGY: WHAT'S NEW?

Chairmen: R. PIOTROWICZ, Warsaw - POL – D. C. SOBRAL FILHO, Recife - BRA

- Telemonitoring and HF patients *E. PIOTROWICZ, Warsaw - POL*
- Innovations in long term monitoring *S. LOBODZINSKI, Long Beach - USA*
- Telemedicine in patients with implanted devices *L. GUEDON-MOREAU, Lille - FRA*
- Decreased delivery of inappropriate shocks achieved by remote monitoring of ICD *S. DUBNER, Buenos Aires - ARG*

12:00 CARDIAC WORK IN THE YOUNG ELITE ATHLETES

Chairman: L. MAKAROV, Moscow - RUS

- Syncope in the young elite athletes: peculiarity, diagnosis, treatment and prognosis *L. MAKAROV, Moscow - RUS*
- ECG in the young elite athletes 10-18 years old *V. KOMOLIATOVA, Moscow - RUS*
- Dynamics of myocardial repolarization in young athletes during exercise *L. BALYKOVA, Moscow - RUS*
- Autonomic dysfunction in the young elite athletes with ST-T changes *N. FEDINA, Moscow - RUS*

EXHIBITION HALL: POSTER SESSION V – VI

LOGISTIC ORGANIZATION & REGISTRATION: OVERCOME
3/5, boulevard Paul-Emile Victor, 92523 Neuilly-sur-Seine Cedex
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**ISHNE**Congress of the International Society for Holter
and Noninvasive ElectrocardiologyJune, 4-6
2015

LYON - FRANCE



LOGISTICS AND REGISTRATION

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CONGRESS VENUE

The Tête d'Or Conference Centre
103, boulevard de la Bataille de Stalingrad - 69100 Lyon-Villeurbanne
Ph: +33 (0)4 78 94 69 00

REGISTRATION ONLINE www.ishne2015.org

REGISTRATION FEES

	Before May 4 th , 2015	After May 5 th , 2015	On site
Delegates	300 €	350 €	400 €
Residents & Students	200 €	250 €	300 €
Nurses & Technicians*	150 €	200 €	250 €

* A certificate is required

Registration fees include: access to the scientific sessions and the exhibition, congress documents, 3 lunches (June 4-6, 2015) and coffee breaks.

EXHIBITION

Pharmaceutical firms, technical equipment companies and scientific book publishers will display their products at the exhibition located adjacent to the conference rooms.

OFFICIAL LANGUAGE

English.

ACCOMMODATION

For information and reservation, please contact the OVERCOME agency:
Ph: +33 (0)1 41 92 01 20 - Website: www.ishne2015.org

TRANSPORTATION



This original document will entitle you to a reduction of up to 45% on the regular full fare in economy class for a round trip journey (subject to conditions).

To book your electronic ticket please contact the Air France call center from within France at 3654 or Overcome at +33 (0)1 41 92 01 20.

Domestic and international approved number: **22488AF**

Validity: from May 30th, 2015 to June 11th, 2015.

To access the preferential fares granted for this event, use this link: www.airfrance-globalmeetings.com



Train vouchers are available on request from the Overcome agency.