

Scientists of Tomorrow (SoT)

Niels Voigt, Göttingen, Germany
on behalf of the Scientists of tomorrow

SoT group:

Jérémy Fauconnier

Senka Ljubojevic

Jyoti Patel

Anke Smits

Kostas Stellos

Niels Voigt

....and 507 SoT members on LinkedIn

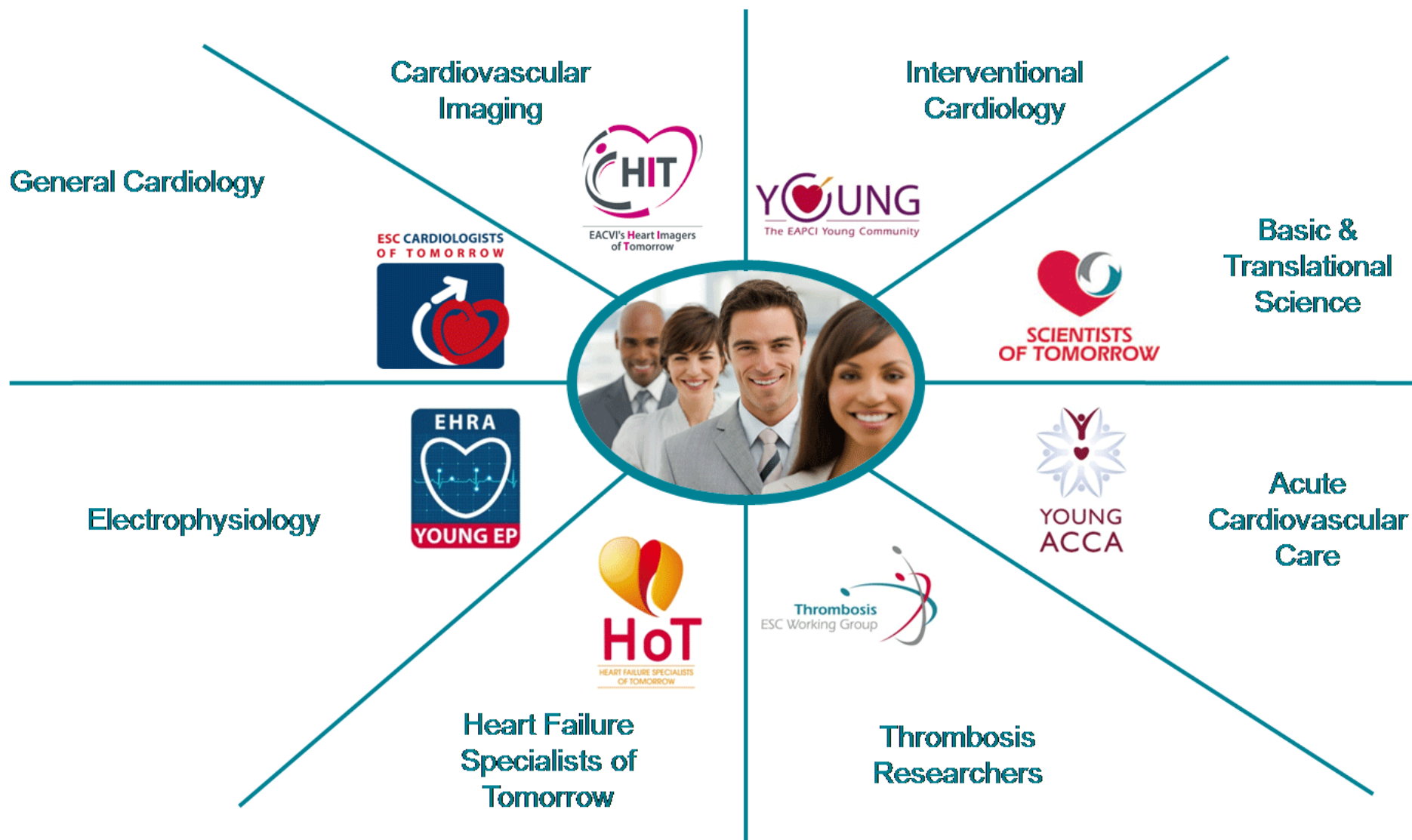


EUROPEAN
SOCIETY OF
CARDIOLOGY®



SCIENTISTS
OF TOMORROW

European Society of Cardiology Young Community



The SoT Nucleus



**Jérémy
Fauconnier
(France)**



**Senka
Ljubojevic
(Austria)**



**Jyoti
Patel
(UK)**



**Anke
Smits
(Netherlands)**



**Kostas
Stellos
(Germany)**



**Niels
Voigt
(Germany)**

until 2016:



**Nicola
Smart
(UK)**



**Gemma
Vilahur
(Spain)**

Areas of expertise:

- Ischemic heart disease and cardiovascular protection
- Cardiovascular development and regeneration
- Cardiac Electrophysiology and Calcium Handling
- Vascular Biology and Medicine

More than 500 Members on LinkedIn

The screenshot shows a LinkedIn group page. On the left, a list of members is displayed, including Barbara Casadei, Charalambos Antoniades, Cristina E. Molina, Daniel Johnson, Konstantinos Stellos, Senka Ljubojevic, A. Phina Khan, Morten B. Thomsen, Niels Voigt, Dr. Katrin Streckfuß-Bömeke, and svetlana reilly. On the right, the group overview shows the group name, a description, and a 'Mitglieder' (Members) section. A red box highlights the '507 Mitglieder' count, and a larger red box below it contains the text '507 Members'. Below the member count, there are buttons for 'Weitere einladen' (Invite more) and a language selection menu with options for Spanish, Italian, Russian, and more, along with a '+Babel' button. At the bottom, there are links for 'Info', 'Feedback', 'Datenschutz & AGB', and the LinkedIn logo with the text 'LinkedIn Corp. © 2018'.

SoT Activities

SoT LinkedIn Page: Membership and More



Webpage

- Educational Podcasts
- Brief Review Articles
- Interviews

<http://www.escardio.org/The-ESC/ESC-Young-Community/Scientists-of-Tomorrow/>

“Networks”

- Increase interaction between other young communities
 - Connect young scientists and the leaders of the field
-

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SoT LinkedIn Page: Membership and More

in Suche (Personen, Jobs, Unternehmen ...) Erweitert

Start Profil Mein Netzwerk Weiterbildung Jobs Interessen Business-Services Premium gratis testen


Meine Gruppen Entdecken Suche

 **ESC Scientists of Tomorrow**
507 Mitglieder

 Starten Sie eine Diskussion in Ihrer Gruppe

Diskussionstitel eingeben ...

Diskussionen Stellenmarkt

 **Prof. Mehdi Zoghi, MD**
Ege University- Cardiology Department

Frequency of genetic polymorphism for adrenergic receptor beta and effects on tolerability of beta-blocker therapy

The Beta GenTURK study - <https://www.ncbi.nlm.nih.gov/pubmed/27665326> -
The frequency of Arg389Gly polymorphism in patients with heart failure-reduced ejection fraction in Turkish population differed from that of the healthy controls. However, neit... Mehr anzeigen

Gefällt mir Kommentar

Interesting discussions

Job-adverts for young scientists

Dissemination of educational material

Promotion of CBCS/ESC activities

Attracting new members

SoT activities

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SoT Webpage and Newsletter

NEWS FROM THE SCIENTISTS OF TOMORROW

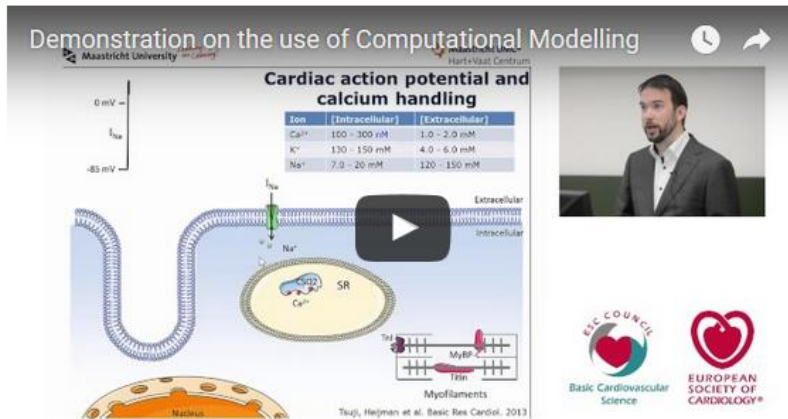
NEWS ARTICLES

Date	Title	Topic(s)
20 Dec 2016	Interview with Professor Charalambos Antoniades - ESC Outstanding Achievement Award Winner 2016	
12 Jul 2016	Podcast: an overview in differential proteomics	
11 Jul 2016	Basic concepts in Cardiovascular Science: Arrhythmias	
11 Jul 2016	Interview with Dobromir Dobrev	
26 Apr 2016	Interview with Antoni Bayés-Genís	Basic Sciences, Pharmacology, Genomics and Cardiovascular Pathology
26 Apr 2016	News from ACC 2016	Basic Sciences, Pharmacology, Genomics and Cardiovascular Pathology
26 Apr 2016	Stem cell research for ischemic heart disease	Basic Sciences, Pharmacology, Genomics and Cardiovascular Pathology
12 Jan 2016	The Clinical Perspective: News from the American Heart Association Scientific Sessions 2015	
12 Jan 2016	Interview with Michel Ovize	
21 Oct 2015	The Clinical Perspective: News from the American College of Cardiology annual meeting 2015	Basic Sciences, Pharmacology, Genomics and Cardiovascular Pathology
21 Oct 2015	Interview with Dr Eva Van Rooij	Basic Sciences, Pharmacology, Genomics and Cardiovascular Pathology

- Educational Podcasts
- Brief Review Articles
- Interviews

Educational Podcasts (2015-2016)

Watch the video



Content:

- Video Interview
- Introduction lecture
- Hands-on examples

Date	Title
Dec. 16	Demonstration on the use of Computational Modelling
Jul. 16	An overview in differential proteomics
Oct. 15	FRET podcast I
Oct. 15	FRET Podcast II
Jan. 15	Statistics in cardiovascular science: Part III
Dec 14	Statistics in cardiovascular science: Part II
Dec 14	Statistics in cardiovascular science: Part I

Brief Review Articles (2015-2016)

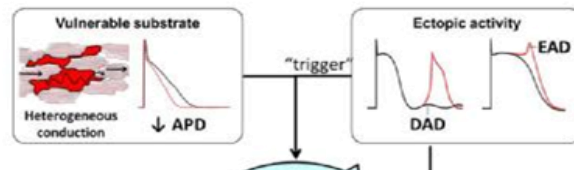
BASIC CONCEPTS IN CARDIOVASCULAR SCIENCE: ARRHYTHMIAS

11 JUL 2016



Dr. Niels Voigt

Ectopic activity and reentry are the two major mechanisms contributing to initiation and maintenance of arrhythmias (**Figure**). Ref. 1-4



Ectopic activity is defined as abnormal impulse generation outside the sinus node. When ectopic activity occurs in a self-terminating manner, it may initiate arrhythmias by triggering reentry in a vulnerable substrate. Apart from the

Date	Title
Jul. 16	Basic concepts in Cardiovascular Science: Arrhythmias
Apr. 16	Stem cell research for ischemic heart disease
Oct. 15	An overview of microRNAs
Dec 14	Basic concepts in Cardiovascular Science: Atherosclerosis

Interviews of Eminent Scientists:

Connect young scientist and the leaders of the field

INTERVIEW WITH PROFESSOR CHARALAMBOS ANTONIADES - ESC OUTSTANDING ACHIEVEMENT AWARD WINNER 2016

Exploring the cross-talk between adipose tissue and the cardiovascular system

20 DEC 2016



Charalambos Antoniadis

Charis studied Medicine in Athens University Medical School and graduated with honors (top 3%) in 2000. He was awarded his PhD title with honors (Athens Medical School) on the genetics of premature myocardial infarction.

Date	Title
Dec. 16	Charalambos Antoniadis - ESC Outstanding Achievement Award Winner 2016
Jul. 16	Dobromir Dobrev
Apr. 16	Antoni Bayés-Genís
Jan. 16	Michel Ovize
Oct. 15	Eva Van Rooij
Dec 14	Andrew Newby - CBSC Chair 2004-2006

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Increase connection with young communities

2 joints sessions with the Young Investigator Groups of the French Society of Cardiology

7-8th April 2016, Dijon, France

ESC Scientists of tomorrow

Modérateurs : Jérémy Fauconnier, Montpellier – Marie-Ange Regnault, Bordeaux

- Perivascular fat as a key player in vascular disease pathogenesis..... *Charalambos Antoniades, Oxford - Royaume Uni*
- The cardioprotective potential of antiplatelet agents in ischemia/reperfusion *Gemma Vilahur, Barcelone - Espagne*
- Nuclear calcium in cardiac arrhythmias *Senka Ljubojevic, Graz - Autriche*
- Mitochondria as new player in arrhythmic events? *Jérémy Fauconnier, Montpellier*

Atelier thématique

Parcours Rythmologie

Que faire après la thèse ?

Modérateurs : Jérémy Fauconnier, Montpellier - Mathias Mericskay, Paris

- How to get funding ? *Charalambos Antoniades, Oxford – Royaume Uni*
- Postdoc: Home or abroad? *Senka Ljubojevic, Graz - Autriche*

Increase connection with young communities

- **WG on Cellular Biology of the Heart**
Linda van Laake
- **WG of Microcirculation and Coronary Pathophysiology**
Judit Cubedo
- **WG of Cellular Cardiology and Electrophysiology**
Cristina E. Molina

Contribution to FCVB 2016 and the ESC congress 2016



SCIENTISTS OF TOMORROW

G59

The "Scientists of Tomorrow" is a group of young proactive basic and clinical researchers, who work closely with the Council on Basic Cardiovascular Science to fulfil its mission in promoting and supporting basic science among young ESC members.

Sessions include key tips on the first successful grant application, the first paper published and importantly, opportunities to develop the next career step.

Most sessions will be held in Bernini (The Hub).

Sunday 28 August		page
07:45 - 08:15	Protecting the heart while fighting cancer	74
Monday 29 August		page
07:45 - 08:15	Macrophages: friend or foe?	194
08:30 - 10:00	The value of innovative animal models for cardiovascular disease - From flies to pigs	196
11:00 - 12:30	Novel insights into pathological cell signalling in cardiomyopathy	210
12:45 - 13:45	Training the future leaders of cardiovascular research - Raising funding in Europe	245
14:00 - 15:30	Cardiovascular therapeutics in 2020 - What's on the horizon?	255
16:30 - 18:00	Reverse remodelling - Rewinding myocardial damage	269
Tuesday 30 August		page
07:45 - 08:15	Modelling heart failure in rodents - Which model and how to validate?	306
08:30 - 10:00	Taking heart failure genetics to the clinic	309
14:00 - 15:30	Innate immunity in cardiovascular disease	364

INTERNATIONAL YOUNG COMMUNITY SESSIONS

The scientists of Tomorrow have also prepared sessions in collaboration with the young community from Italy.

Tuesday 30 August		
11:00 - 12:30	MiRNAs in cardiovascular disease and regeneration	323

Come, listen and interact with the young researchers.

Discover new opportunities for career development

Saturday 27 August, 18:30 - 19:30 - ESC Plaza

ESC Grants for Basic Scientists Networking Event

Come and listen to awardees of ESC Grants for scientific research presenting their experience.

Discover the many ESC Grants available to support researchers & clinicians in their career development

Sunday 28 August, 18:30 - 20:00 - Poster Area

The council on Basic Cardiovascular Science invites all basic scientists and friends to the **Poster Reception**. This is a unique opportunity for young scientists to meet experienced researchers in a convivial atmosphere.

- Interviews with the Outstanding Research Awardees
- Many meetings with members of the Young communities

Thank you!

