Chiara Bartolucci – Curriculum Vitae

Department of Electrical, Electronic, and Information Engineering "Guglielmo Marconi"
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EDUCATION

- **Active Training Internship, qualifying for teaching, in-class A059 - Mathematics and Science for lower secondary school, University of Bologna, 98/100**
- **PhD in Bioengineering, University of Bologna - May 2015**
  - ✓ **"**Closed-loop investigation of the dynamical properties of cardiomyocyte electrophysiology by means of dynamic clamp and mathematical modeling"
- **MSc in Mathematics, application curriculum, University of Bologna - 110/110 cum laude - September 2011**
  - ✓ "Identification of parameters in models of cardiac action potential"
- **BSc in Mathematics, University of Bologna - 106/110 - June 2006**

RESEARCH EXPERIENCE

- **Junior assistant professor (fixed-term, RTD-A)** **April 2023 – Ongoing**
- **Postdoctoral Researcher** **June 2015 – March 2023**

Department of Electrical, Electronic, and Information Engineering "Guglielmo Marconi"

- **Member of the Local Organizing Committee for the organization of Computing in Cardiology 2020, Rimini (IT)**
- **Visiting PhD Student** **Jan 2013 – Mar 2014 / Oct 2013 – Jan 2014**
  - ✓ Internship and participation in the research activities of Professor David Christini's laboratory, ***Weill Cornell Medical College, New York***. Acquisition of skills for the development of the dynamic clamp technique
- **PhD Student (PhD Programme in Bioengineering)** **Jan 2012 – Dec 2014**
  - ✓ Dynamic clamp and cardiac electrophysiology technique
  - ✓ Genetic algorithms and parameters identification
  - ✓ Cardiac action potential models

AWARDS and GRANTS

- Sep 2021 - **Maastricht Simulation Award (MSA)** at Computing in Cardiology 2021 (Brno, Czech Republic)
- Oct 2019 – **Best Abstract** at 60° National Congress SIN (Società Italiana Nefrologia)
- Sep 2017 – **Rosanna Degani Young Investigator Semi-Finalist** at Computing in Cardiology 2017 (Rennes, French)
- Sep 2015 – **Rosanna Degani Young Investigator Finalist** at Computing in Cardiology 2015 (Nice, French)
- Aug 2013 – **Poster Awards Denis Escande Symposium** - Amsterdam (NL)

PARTICIPATION IN NATIONAL AND INTERNATIONAL COLLABORATION

- **Laboratory of Professor Lucio Barile**, Laboratory for Cardiovascular Theranostics at Istituto Cardiocentro Ticino_Ente Ospedaliero Cantonale, Lugano, Switzerland.
- **Laboratory of Professor Antonio Zaza**, Department of Biotechnology and Bioscience, University of Milan-Bicocca (IT)
- **Laboratory of Professor Dario Di Francesco,** Department of Biosciences, Laboratory of Molecular Physiology and Neurobiology, The Pacelab, University of Milano
- **Laboratory of Professor Simonetta Genovesi,** Department of Medicine, University of Milan-Bicocca (IT)

- **Laboratory of Professor Carmen Valenzuela,** Department of Experimental Models of Human Disease, Instituto de Investigaciones Biomédicas "Alberto Sols" CSIC-UAM, Madrid, Spain
- **Laboratory of Professor David Christini,** Weill Cornell Medical College, New York

PARTICIPATION IN SCIENTIFIC CONFERENCES IN ITALY OR ABROAD AS A SPEAKER

- Sept 2022: talk at Computing in Cardiology (Tampere, Finland), *Mechanical Translation of Electrical Abnormalities with a New Electromechanical Model of Human Ventricular Cell*
- Sept 2021: talk at Computing in Cardiology (Brno, Czech Republic), *A Novel Computational Model of Pacemaker Activity in the Mouse Atrioventricular Node Cell*
- Sept 2021: invited talk at SIMAI 2020+2021, *Computational Models to support Cardiac Electrophysiology: a Novel Model of Human Ventricular Action Potential to Investigate Extracellular Calcium Effects*
- Sept 2020: talk at Computing in Cardiology (Rimini, Italy), *Investigation of the Extracellular Calcium Effects on Action Potential Using the Most Recent Human Ventricular Cell Models*
- Sept 2018: poster presentation at Computing in Cardiology (Maastricht, Netherlands), *Optimization of the O'Hara-Rudy Model of Human Ventricular Action Potential With Respect to Electrolyte Concentrations and Rate Dependence*
- Sept 2017: talk at Computing in Cardiology (Rennes, France), *IKs Computational Modeling to Enforce the Investigation of D242N, a KV7.1 LQTS mutation*
- Sept 2015: talk at Computing in Cardiology (Nice, France), *Rate-adapted Dynamic-clamp of the funny current in sinoatrial pacemaker cells*
- June 2015: poster presentation at EHRA EUROPACE (Milan, Italy), *If current and its role in rate modulation: a "funny" investigation by Dynamic Clamp technique*
- Sept 2013: talk at Computing in Cardiology (Saragoza, Spain), *Combined Action Potential- and Dynamic-Clamp for Accurate Computational Modeling of the Kinetics of Cardiac IKr Current*

MEMBERSHIP OF PROFESSIONAL SOCIETIES

- Oct 2012 – present: ESC Group in Cellular Cardiac Electrophysiology
- Jan 2012 – Dec 2014: Biophysical Society

SUPERVISORY EXPERIENCE

MSc students: **Xilo, Alessandro** (2023), MSc in Biomedical Engineering, University of Bologna (Italy): *Detection of electrical drivers during atrial fibrillation through automatic processing of intracardiac electrograms acquired with Cartofinder©.* **Gorgolini Alessandro** (2021), MSc in Biomedical Engineering, University of Bologna (Italy): *"Sviluppo di un nuovo modello di potenziale d'azione ventricolare"*, **Orioli Leonardo** (2021), MSc in Biomedical Engineering, University of Bologna (Italy): "*Towards the optimization of mapping catheter design for atrial fibrillation trigger detection.*" **Camporesi Maria** (2020), MSc in Biomedical Engineering, University of Bologna (Italy): "Sviluppo, implementazione e testing di un simulatore di Dynamic Clamp multicellulare per valutazioni di sicurezza cardiaca dei farmaci.*";* **Guidi Giulia** (2020), MSc in Biomedical Engineering, University of Bologna (Italy): " *Perché si può morire di Sindrome di Brugada? Un contributo alla comprensione dei meccanismi dalla simulazione numerica del potenziale d'azione cardiaco.*"; **D'Adamo Giuseppe** (2019), MSc in Biomedical Engineering, University of Bologna (Italy): "*Studio in silico dei meccanismi delle alternans cardiache nei modelli ORd e TNNP*"; **Puzzello Stefania** (2019), MSc in Biomedical Engineering, University of Bologna (Italy): "*Analisi computazionale degli effetti della corrente Funny sull'attività elettrica del nodo atrio-ventricolare.*"; **Enrico Ravagli** (2013), *"Il pacemaking cardiaco: sviluppo di una piattaforma HW/SW per lo*

studio sperimentale mediante dynamic clamp e analisi modellistica.". MSc in Biomedical Engineering, University of Bologna (Italy): " *BSc students:* **Cannarrozzi Anna Lucia** (2022)**,** BSc in Biomedical Engineering, University of Bologna (Italy): *"Sindrome di Brugada: studi computazionali per l'analisi dei meccanismi fisiopatologici"*, **Orlandi Luigi** (2022), BSc in Biomedical Engineering, University of Bologna (Italy): *"Sindrome di Brugada: caratterizzazione mediante voltage-clamp delle mutazioni dei canali del sodio",* Rogge Vittoria Alexandra (2022), BSc in Biomedical Engineering, University of Bologna (Italy): "*Una tecnica innovativa per il trattamento della fibrillazione atriale: ablazione non termica mediante elettroporazione"*, **Fonte Vittorio** (2018), BSc in Biomedical Engineering, University of Bologna (Italy): "*Ottimizzazione parametrica di un modello computazionale di miocita ventricolare umano*"; **Fabbri Luca** (2014), BSc in Biomedical Engineering, University of Bologna (Italy): "*Estrazione automatica di parametri fisiologici da registrazioni di potenziali d'azione cardiaci.* "; **Gotti Carlo** (2013), BSc in Biomedical Engineering, University of Bologna (Italy): "*Utilizzo di algoritmi genetici nell'ambito della bioingegneria: Applicazione alla identificazione di modelli cardiaci.* ".

TEACHING EXPERIENCE

- **Sep 2022:**
  - ✓ Teaching Tutor Crash Course in Mathematics (C.I.) (CLET-ITALI - Rimini Campus - Italy) Prof. Maria Letizia Guerra
  - ✓ Teaching Tutor Crash Course in Mathematics (C.I.) (RESD - Rimini Campus - Italy) Prof. Roberto Dieci
- **Sep 2021 – Sep 2022:** Teaching activity (Adjunct professor) for COMPUTATIONAL CARDIOLOGY Module 2 (BIOMEDICAL ENGINEERING - Cesena Campus activated by the Department of Electrical Energy and Information Engineering "Guglielmo Marconi")
- **Sep 2020 - 2022:**
  - ✓ Teaching Tutor (MAT / 05) of Mathematical Analysis (C.I.) (Engineering and computer science - Cesena Campus - Italy) Prof. Eleonora Cinti
  - ✓ Teaching Tutor (MAT/ 08) of Numerical Methods (Engineering and computer science - Cesena Campus - Italy) Prof. Romani Lucia
- **Sep 2017 - Aug 2018**
  - ✓ Teaching Tutor (MAT / 05) of Mathematical Analysis (C.I.) (Engineering - Forlì Campus, - Italy) Prof. Montanari Annamaria
  - ✓ Teaching Tutor (MAT / 08) of Numerical Analysis (Engineering - Forlì Campus - Italy) Prof. Romani Lucia
- **Sep 2017 - Aug 2018**
  - ✓ Teaching Tutor (MAT / 08) of Numerical Analysis (Engineering - Forlì Campus - Italy) Prof. Lazzaro Damiana
  - ✓ Teaching Tutor (MAT / 05) of Mathematical Analysis (C.I.) (Engineering - Forlì Campus - Italy) Prof. Montanari Annamaria
- **Mar 2016 - Sep 2017:** Teaching Tutor (MAT / 05) of Mathematics (Architecture Course - Cesena Campus - Italy) Prof. Lenci Marco
- **Mar-Sep 2016:** Teaching Tutor (MAT / 08) of Numerical Algorithms (Module 1) (Engineering and Computer Science Degree Course - Cesena Campus - Italy) Prof. Morigi Serena
- **Sep 2015 – Jun 2016:** Teaching Tutor (MAT / 05) of Mathematical Analysis A (Engineering - Forlì Campus - Italy) Prof. Guidetti David**e**
- **2007 – 2016:** Private tutor of Maths and Physics for secondary school students in Italy

CAREER BREAKS:

- **Nov 2014** – **Apr 2015 / Dec 2016 – Jun 2017 / May 2019 – Sept 2019 / Nov 2022 – July 203:** Maternity Leave

JOURNAL PUBLICATIONS

- Altomare C, Bartolucci C, Sala L, Balbi C, Burrello J, Pietrogiovanna N, Burrello M, Krause R, Rocchetti M, Severi S, Barile L. **A dynamic clamping approach using in silico IK1 current for discrimination of chamber-specific hiPSC-derived cardiomyocytes.** *Commun Biol. 2023 Mar 18;6(1):291. doi: 10.1038/s42003-023-04674-9.*
- Mazhar F, Bartolucci C, Regazzoni F, Dedè L, Quarteroni A, Corsi C, Severi S. **A Detailed Mathematical Model of the Human Atrial Cardiomyocyte: Integration of Electrophysiology and Cardiomechanics.** *J Physiol. 2023 Aug 28. doi: 10.1113/JP283974.*
- Bartolucci C, Ni H. **Calcium-directed feedback control of the sinoatrial node robustness**. *Biophys J. 2023 May 2;122(9):1571-1573. doi: 10.1016/j.bpj.2023.03.040. Epub 2023 Mar 30. PMID: 37040769; PMCID: PMC10183369*.
- Campana C, Ricci E, Bartolucci C, Severi S, Sobie EA**. Coupling and heterogeneity modulate pacemaking capability in healthy and diseased two-dimensional sinoatrial node tissue models**. *PLoS Comput Biol. 2022 Nov 21;18(11):e1010098. doi: 10.1371/journal.pcbi.1010098. PMID: 36409762; PMCID: PMC9750028*.
- Ricci E, Bartolucci C, Severi S. **The virtual sinoatrial node: What did computational models tell us about cardiac pacemaking?** *Prog Biophys Mol Biol. 2022 Oct 29:S0079-6107(22)00108-0. doi: 10.1016/j.pbiomolbio.2022.10.008. Epub ahead of print. PMID: 36374743*.
- Bartolucci C, Forouzandehmehr M, Severi S, Paci M. **A Novel In Silico Electromechanical Model of Human Ventricular Cardiomyocyte**. *Front Physiol. 2022 Jun 1;13:906146. doi: 10.3389/fphys.2022.906146. PMID: 35721558; PMCID: PMC9198403*.
- Bartolucci C, Fabbri C, Tomasi C, Sabbatani P, Severi S, Corsi C. **Computational Analysis of Mapping Catheter Geometry and Contact Quality Effects on Rotor Detection in Atrial Fibrillation**. *Front Physiol. 2021 Dec 9;12:732161. doi: 10.3389/fphys.2021.732161. PMID: 34955872; PMCID: PMC8696082*.
- Bartolucci C, Passini E, Hyttinen J, Paci M, Severi S. **Simulation of the effects of extracellular calcium changes leads to a novel computational model of human ventricular action potential with a revised calcium handling**. *Front. Physiol. 2020 Apr 15;11:314. doi: 10.3389/fphys.2020.00314.*
- Tomek J, Bueno-Orovio A, Passini E, Zhou X, Minchole A, Britton O, Bartolucci C, Severi S, Shrier A, Virag L, Varro A, Rodriguez B. **Development, calibration, and validation of a novel human ventricular myocyte model in health, disease, and drug block**. *Elife. 2019 Dec 24;8. pii: e48890.*
- Genovesi S, Nava E, Bartolucci C, Severi S, Vincenti A, Contaldo G, Bigatti G, Ciurlino D, Bertoli SV. **Acute effect of a peritoneal dialysis exchange on electrolyte concentration and QT interval in uraemic patients**. *Clin Exp Nephrol. 2019 Nov;23(11):1315-1322*
- Sala L, Hegyi B, Bartolucci C, Altomare C, Rocchetti M, Vaczi K, Mostacciuolo G, Szentandrassy N, Severi S, Pal Nanasi P, Zaza A. **Action potential contour contributes to species differences in repolarization response to β-adrenergic stimulation**. *EUROPACE, 2017m 0, pp.1-10.*
- Moreno C, Oliveras A, Bartolucci C, Muñoz C, de la Cruz A, Peraza DA, Gimeno JR, Martan-Martanez, M, Severi S, Felipe A, Lambiase PD, Gonzalez T, Valenzuela C. **D242N, a KV7.1 LQTS mutation uncovers a key residue for IKs voltage dependence.** *Journal of molecular and cellular cardiology, 2017, 110, pp. 61-69.*
- Ravagli E, Bucchi A, Bartolucci C, Paina M, Baruscotti M, DiFrancesco D, Severi S. **Cell-specific Dynamic Clamp analysis of the role of "funny" If current in cardiac pacemaking**. *Prog Biophys Mol Bio, 2016 Jan;120(1-3):50-66.*
- Altomare C, Bartolucci C, Sala L, Rocchetti M, Mostacciuolo G, Severi S*, Zaza A*. **IKr impact on repolarization and its variability assessed by Dynamic-Clamp**. *Circulation: Arrhythmia and Electrophysiology, 2015 Oct;8(5):1265-75*.

- Moreno C, Oliveras A, Muñoz C, de la Cruz A, Bartolucci C, Salar E, Gimeno-Blanes JR, Severi S, Felipe A, Lambiase P, Valenzuela C. **A new KCNQ1 mutation at the S5 segment that impairs its association with KCNE1 is responsible for short QT syndrome**. *Cardiovascular Research, 2015 Sep 1;107(4):613-23*.
- Bartolucci C, Altomare C, Bennati M, Furini S, Zaza A*, Severi S*. **Combined Action Potential- and Dynamic-Clamp for accurate computational modelling of the cardiac IKr current.** *Journal of molecular and cellular cardiology, vol. 79C, pp. 187–194, Nov. 2014*

PEER-REVIEWED ABSTRACTS AND CONFERENCE PAPERS

- E. Ricci et al., **Quantification of Local Calcium Releases Contribution to Diastolic Depolarization in a 3D Model of Single Rabbit Sinoatrial Node Cell**, 2023 Computing in Cardiology (CinC), 2023, pp. 1-4.
- E. Ricci et al., **Computational Investigation of Atrial Driving: How Sinoatrial Node Heterogeneity Affects the Heart Rate**, 2023 Computing in Cardiology (CinC), 2023, pp. 1-4.
- F. Mazhar et al., **Investigation of Key Cellular Targets in Atrial Fibrillation Induced Electromechanical Remodeling using Human Atrial Cardiomyocytes Model**, 2023 Computing in Cardiology (CinC), 2023, pp. 1-4.
- C. Bartolucci et al., **Mechanical Translation of Electrical Abnormalities with a New Electromechanical Model of Human Ventricular Cell,** 2022 Computing in Cardiology (CinC), 2022, pp. 1-4.
- F. Mazhar et al., **Electromechanical Coupling in Human Atrial Cardiomyocytes: Force-Frequency Relationship Study.** 2022 Computing in Cardiology (CinC), 2022, pp. 1-4.
- S. Botti et al., **Numerical Simulations Indicate IK1 Dynamic Clamp Can Unveil the Phenotype ofC ardiomyocytes Derived from Induced Pluripotent Stem Cells.** 2022 Computing in Cardiology (CinC), 2022, pp. 1-4.
- C. Bartolucci et al., **A Novel Computational Model of Pacemaker Activity in the Mouse Atrioventricular Node Cell**, 2021 Computing in Cardiology (CinC), 2021, pp. 1-4, doi: 10.23919/CinC53138.2021.9662700.
- F. Mazhar et al., **Electro-Mechanical Coupling in Human Atrial Cardiomyocytes: Model Development and Analysis of Inotropic Interventions**, 2021 Computing in Cardiology (CinC), 2021, pp. 1-4, doi: 10.23919/CinC53138.2021.9662766.
- M. Forouzandehmehr, C. Bartolucci, J. Hyttinen, J. T. Koivumäki and M. Paci, **Sensitivity of the Human Ventricular BPS2020 Action Potential Model to the In Silico Mechanisms of Ischemia**, 2021 Computing in Cardiology (CinC), 2021, pp. 1-4, doi: 10.23919/CinC53138.2021.9662800.
- C. Fabbri, C. Bartolucci, C. Tomasi, P. Sabbatani, S. Severi and C. Corsi, **Does Mapping Catheter Geometry and Location Affect AF Driver Detection? A Simulation Study**, 2021 Computing in Cardiology (CinC), 2021, pp. 1-4, doi: 10.23919/CinC53138.2021.9662733.
- L. Gorgolini, C. Bartolucci and S. Severi, **Evaluation and Preliminary Integration of the Most Recent Human Ventricular Action Potential Models**, 2021 Computing in Cardiology (CinC), 2021, pp. 1-4, doi: 10.23919/CinC53138.2021.9662689.
- E. Ricci, C. Bartolucci and S. Severi, **Effects of Density and Distribution of Non-Spontaneous Myocytes, Scars and Fibroblasts Inside the Human Sinoatrial Node**, 2021 Computing in Cardiology (CinC), 2021, pp. 1-4, doi: 10.23919/CinC53138.2021.9662905.
- Bartolucci C, Paci M, Severi S**. Investigation of the Extracellular Calcium Effects on Action Potential using the Most Recent Human Ventricular Cell Models**. Computing in Cardiology 2020, Rimini, 13-16 September 2020.
- Mazhar F, Bartolucci C, Severi S. **Human Atrial Cell Models to Analyse the Effect of Extracellular Calcium on Action Potential Duration**. *Computing in Cardiology 2020, Rimini, 13-16 September 2020.*
- Guidi G, Bartolucci C, Frosio A, Marchese P, Bucchi A, Baruscotti M, Severi S**. Analysis of a case of Brugada Syndrome through Numerical Simulation of Ventricular Action Potential**. *Computing in Cardiology 2020, Rimini, 13-16 September 2020.*

- Camporesi M, Bartolucci C, Lei CL, Mirams GR, de Boer TP, Severi S. **Development, Implementation and Testing of a Multicellular Dynamic Action Potential Clamp Simulator for Drug Cardiac Safety Assessment**. *Computing in Cardiology 2020, Rimini, 13-16 September 2020.*
- Bartolucci C, Paci M, Hyttinen J, Passini E, Severi S. **Evolution of the Seminal O'Hara Rudy Model to More Accurately Simulate the Electrophysiology of Human Ventricular Cardiomyocytes**. *Computing in Cardiology 2019, Singapore, 9 September 2019.*
- Bartolucci C, Passini E, Severi S. **Optimization of the O'Hara-Rudy Model of Human Ventricular Action Potential with Respect to Electrolyte Concentrations and Rate Dependence**. *Computing in Cardiology 2018, Maastricht (Netherlands), 25 September 2018.*
- Bartolucci C, Moreno C, Oliveras A, Muñoz C, de la Cruz A, Peraza DA, Gimeno JR, Martan-Martanez, M, Severi S, Felipe A, Lambiase PD, Gonzalez T, Valenzuela C. **IKs Computational Modeling to Enforce the Investigation of D242N, a KV7.1 LQTS Mutation**. *Computing in Cardiology 2017, Rennes (France), 26 September 2017.*
- Bartolucci C, Ravagli R, Bucchi A, Baruscotti M, DiFrancesco D, Severi S. **If current and its role in rate modulation: a "funny" investigation by Dynamic Clamp technique**. *EHRA EUROPACE 2015, Milan*.
- Bartolucci C, Ravagli R, Bucchi A, Baruscotti M, DiFrancesco D, Severi S. **Rate-adapted Dynamic-clamp of the funny current in sinoatrial pacemaker cells**. *Computing in Cardiology 2015, Nice (France), 7 September 2015*. (Finalist for Rosanna Degani Young Investigator Award)
- Sala L, Hegyi B, Bartolucci C, Altomare C, Rocchetti M, Mostacciuolo G, Severi S, Szentandrassy N, Nanasi P.P., Zaza A. **Effects of species-dependent differences in action potential shape in setting β-adrenergic-stimulation induced current**. 58th *Annual Meeting of the Biophysical Society, San Francisco (CA) USA, 15-19 February 2014.*
- Altomare C, Sala L, Bartolucci C, Mostacciuolo G, Severi S, Zaza A. **IKr impact on repolarization and its variability assessed by Dynamic-Clamp**. *58th Annual Meeting of the Biophysical Society, San Francisco (CA) USA, 15-19 February 2014.*
- Ravagli E, Bucchi A, Bartolucci C, Baruscotti M, DiFrancesco D, Severi S**. How "funny" is the cardiac pacemaking? A quantitative analysis based on Dynamic Clamp recordings**. *58th Annual Meeting of the Biophysical Society, San Francisco (CA) USA, 15-19 February 2014.*
- Bartolucci C, Moreno C, de la Cruz A, Lambiase P, Severi S, Valenzuela C. **Linking a Novel Mutation to its Short QT Phenotype through Multiscale Computational Modelling**. *Computing in Cardiology 2014, Boston (USA), 10 September 2014.*
- Sala L, Hegyi B, Bartolucci C, Altomare C, Rocchetti M, Mostacciuolo G, Severi S, Szentandrassy N, Nanasi P.P., Zaza A**. Effects of species-dependent differences in action potential shape in setting β-adrenergic-stimulation induced current**. *EHRA EUROPACE 2013, Athens (Greece), 22-23 July 2013.*
- Altomare C, Sala L, Bartolucci C, Mostacciuolo G, Severi S*, Zaza A*. **IKr impact on repolarization and its variability assessed by Dynamic-Clamp**. *ESCANDE Symposium 2013, Amsterdam, 30 August 2013.*
- Bartolucci C, Altomare C, Bennati M, Furini S, Zaza A, Severi S. **Combined Action Potential- and Dynamic-Clamp for Accurate Computational Modeling of the Kinetics of Cardiac IKr Current.** *Computing in Cardiology 2013, Zaragoza (Spain), 25 September 2013.*
- Altomare C, Sala L, Bartolucci C, Mostacciuolo G, Severi S, Zaza A. **IKr impact on repolarization and its variability assessed by Dynamic-Clamp**. *Computing in Cardiology 2013, Zaragoza (Spain), 25 September 2013.*
- Sala L, Hegyi B, Bartolucci C, Altomare C, Rocchetti M, Mostacciuolo G, Severi S, Szentandrassy N, Nanasi PP, Zaza A. **Effects of species-dependent differences in action potential shape in setting β-adrenergic-stimulation induced current**. *Computing in Cardiology 2013, Zaragoza (Spain), 24 September 2013.*

Cesena, 13/10/2023