

CURRICULUM VITAE

June 2018

Family name : KALANGOS
Given name : Afksendiyos

DIPLOMAS, TITLES AND POSITIONS

1970-1978 Baccalauréat in french language at " Saint-Benoît " College in Istanbul

1978-1984 Medical degree, University of Istanbul le 27.06.1984

1986 Canadian equivalency of Medical degree

1991 Certificate of specialization in cardiovascular surgery, Turkey

1995 Associate professor, Turkey on 13th of October, 1995

1996 University certificate on « artificial heart and circulatory assistance » Faculty of Medecine « Pitié Salpêtrière », Paris

1999 Recognition by the « Swiss Medical Federation » of the specialization in cardiovascular surgery on 18th of march,1999

1999 « Privat-Doцент » at the Faculty of Medicine, Geneva

1999 European Board of Thoracic and Cardiovascular Surgeons (FETCS)

2001-2015 Chair of the Clinic for Cardiovascular Surgery, University Hospital of Geneva

2002 Certificate of « management of health institutions » HEC-University of Geneva (mini-MBA)

- 2003** Certificate of Specialization in cardiac and peripheral vascular surgery after the acquisition of swiss nationality by the « Swiss Medical Federation »
- 2005** Doctor in Sciences « honoris causa », University of Mauritius
- 2005** « Visiting professor » at the University of Belgrade, (Serbia)
- 2005** « Doctor honoris causa », University of Thrace, Turkey
- 2006** Associate Professor at the Faculty of Medicine, University of Geneva
- 2007** « Visiting professor » at the University of Verona, Italy
- 2009** Equivalency certificate of the medical degree by the Ministry of Health of Switzerland
- 2011-2015** Director of the « Cardiovascular Center », University Hospital of Geneva
- 2012** Full professor at the Faculty of Medicine, University of Geneva
- 2014-2015** President of the « World Society of Cardiovascular and Thoracic Surgeons »
- 2016-.....** Treasurer and member of the steering committee of WSCTS
- 2016** « Visiting professor », Ningxia Medical University, Yinchuan , China
- 2016-.....** Chair of Pediatric Heart Surgery, Mitera Hospital , Athens, Greece
- 2018-....** Full professor at the Koc University , Istanbul, Turkey

TRAINING AND PROFESSIONAL EVOLUTION

August 1984 – August 1986	Resident in general surgery, Istanbul
Sept. 1986 – Sept.1987	Resident in Cardiovascular and thoracic surgery, Cardiovascular center, Istanbul
Jan. 1989 - March 1989	Resident in Anesthesiology and Intensive Care Unit, Cardiovascular Center, Istanbul
March 1989 - May 1989	Resident in Cardiology, Cardiovascular center, Istanbul
June 1989 - August 1990	Resident in cardiovascular surgery, Cardiovascular Center, Istanbul
August 1990 – August 1991	Fellowship at Royal Brompton Hospital, London
Sept.1991- Sept. 1993	Fellowship in cardiac surgery at Hospital Broussais (Assistance Publique / Hôpitaux de Paris), France, Department of Cardiovascular Surgery (Prof. A.Carpentier)
October 1993 – Feb. 1998	: Staff cardiovascular surgeon, University Hospital of Geneva (Prof. B.Faidutti)
March 1998 – Dec. 1999	Chief Staff surgeon in pediatric heart surgery and Associate chair of the clinic for Cardiovascular Surgery, University Hospital of Geneva
Jan. 2000 - June 2001	Fellowship at Institut Hospitalier Jacques Cartier, Pediatric Heart Surgery (Pr Y. Lecompte), Paris, France

June 2001- Sept. 2001	Chief of Pediatric Heart Surgery, Clinic for Cardiovascular Surgery, University Hospital of Geneva
October 2001- Dec 2015	Chair of the Clinic for Cardiovascular Surgery, Chief surgeon of pediatric heart Surgery, University Hospital of Geneva
May 2011- Dec 2015	Director of Cardiovascular Center, University Hospital of Geneva,
Jan 2016 -.....	Chair of Pediatric Heart Surgery, Mitera Hospital, Athens Greece

TEACHING ACTIVITY AT THE UNIVERSITY HOSPITAL OF GENEVA

Pre-graduate

1995-2015 8 hours /week as co-responsible for cardiovascular semiology to medical students of 2nd, 3rd and 4th years

Post-graduate

1995-2015 1 hour/month. Conferences to residents and fellows in cardiac surgery,
1 hour/month. Mortality and morbidity meetings
3 hours/week. Case discussion

2005- 2015 Conferences to MD, PhD students at the University of

Verona, Italy as « visiting professor » 7 hours / year

2005-2015

Federal examiner for surgery (Swiss Federal Diploma of Medicine)

MEMBERSHIP IN SCIENTIFIC AND PROFESSIONAL SOCIETIES

1. Fellowship of the American College of Angiology (F.A.C.A.)
2. The Society of Thoracic Surgeons, USA
3. The American Physiological Society
4. The Association for European Pediatric Cardiology
5. Société de Chirurgie thoracique et cardio-vasculaire de langue française
6. The European Association for Cardio-thoracic Surgery
- 7- European Society of Artificial Organs
- 8- American Association of Thoracic Surgery
- 9- Cardiology Society of Serbia (honorary member)
- 10- Founding member of World Society of Pediatric heart surgery
- 11- World Society of Cardiovascular and thoracic Surgeons (president 2014-2015), (treasurer 2016-...)

SCIENTIFIC FUNCTIONS

- Reviewer in 11 journals with editorial policy

- *The Annals of Thoracic Surgery*
 - *European Journal of Thoracic and Cardiovascular Surgery*
 - *Catheterization and Cardiovascular Interventions*
 - *Interactive Journal of Cardiovascular Surgery*
 - *Circulation*
 - *Journal of Heart Valve Disease*
 - *The Journal of Thoracic and Cardiovascular Surgery*
 - *International Journal of Artificial Organs*
 - *Journal of Cardiothoracic Surgery*
 - *BioMed Central*
 - *Cardiology in Young*
- Member of the Committee of prizes of the Faculty of Medicine, University of Geneva
 - President of « Neode » prize organized by the Scientific and technological institution of the canton of « Neuchatel », Switzerland
 - Member of the Editorial Board
 - «World Journal of Pediatric and Congenital Heart Surgery »,
 - "Open Cardiovascular and Thoracic Surgery Journal"
 - "Scientifica"

HUMANITARIAN ACTIVITY IN PEDIATRIC HEART SURGERY

- Founder and President of the Swiss Humanitarian Association « Hearts for All »
- President of « Kalangos Foundation »
- Chair of the Board and Founding Member of « The Global Heart Network Platform Foundation » (Delaware, USA)
- .Creation of heart institutes (Georgia, Mozambique, Mauritius, Lebanon, Cameroun)

.Humanitarian surgical missions in 18 developing countries. (Erythrea, Mozambique, Vietnam, Serbia, Cameroun, Nigeria, Ukraine, Moldavia, Georgia, Azerbaidjan, India, Egypt, Marocco, Lebanon, Mauritius, Algeria, Egypt, Cyprus)

.Training of pediatric heart surgeons and cardiologists at the University Hospital of Geneva thanks to scholarships provided by « Kalangos Foundation »

. Creation of « Kalangos Humanitarian Heart Center » in Kiev, Ukraine and in Yinchuan, China

RESEARCH PROJECTS AT THE UNIVERSITY HOSPITAL OF GENEVA AND INTELLECTUAL PROPERTIES

1- Stem cell therapy for congestive heart failure using *in vitro*-generated cardiomyocytes

Responsables : Marisa Jaconi, PhD and A. Kalangos, MD

Financial support: 314 000 CHF sponsored by « **Swiss National Funds for scientific research** »

2- Biodegradable mitral and tricuspid ring (Kalangos ring)

Responsible : A. Kalangos (owner of the patent international PCT **WO2001/89426**)

Financial support : BIORING SA- Lonay 7.000.000 CHF

CE mark in march 2005 for clinical use

3- Efficiency of biodegradable hydrogel in the prevention of postoperative adhesions

Responsible : A. Kalangos

Collaborators : E. Khabiri, B. Walpoth

Financial support: GALEPHAR- Geneva 250 000 CHF

4-Flow regulator (Flowatch) in pulmonary banding and Blalock shunts

Responsables : N. Stergiopoulos (EPFL Lausanne), A. Kalangos (HUG), A. Corno (CHUV)

Financial support : School of Polytechnics, Lausanne 2 000 000 CHF

5- Development of a new biological dynamic « Kalangos » prosthetic valve -

Phase 1 and 2 done at « Lillehei Experimental Surgical Center », Minneapolis

Responsible : A. Kalangos (co-author in the PCT patents)

Financial support: LEMAN CARDIOVASCULAR SA-Lonay and Hancock Jaffe Lab, Irvine
15 000 000 USD

6- Expression of ATP-sensitive K⁺ channels in human atria : role of anatomic, mechanical and metabolic factors

Responsables: A. Baertschi, Prof A. Kalangos

Financial support: CMU Geneva 50 000 CHF

DIRECTION OF THESES AT THE UNIVERSITY OF GENEVA

- Thesis of Doctorate in Medecine, **Dr Alexandre CHERETAKIS (1999)**
Traumatic rupture of aortic isthmus
- Thesis of Doctorate in Medecine, **Dr Stéphane NOBLE (2002)**
Mitral valve repair in adults
- Thesis of Doctorate in Medecine, **Dr Daniel DANZER (2003)**
Long-term patency of coronary bypass grafts
- Thesis of doctorate in medecine **Dr Stéphane REVERDIN (2004)**
Heart transplant in Geneva 1998-2001
- Thesis of doctorate in medecine **Dr Mustafa CIKIRIKCIOGLU (2008)**
Covering of the lumen of synthetic grafts
- Thesis of doctorate in medecine **Dr Nadia LAHLAIDI SIERRA (2013)**
Biodegradable ring in pediatric mitral valve repair
- Thesis of doctorate in medecine **Dr Sanjay Cherian (2016)**
Mitral valve repair in Marfan's syndrome and preventive aortic root replacement

DIRECTION OF MASTER THESES AT THE UNIVERSITY HOSPITAL OF GENEVA
(Students at 4th year) 2010-2015

- Thien An TRAN** Title : Médecin humanitaire en Inde (Kerala)
- Jacklean KALIBALA** Title : Etudes comparatives rétrospective entre une population adulte ayant bénéficié d'une réparation valvulaire mitrale dans un contexte d'insuffisance mitrale d'origine dégénérative
- Sandrine MARIAUX** Title : La chirurgie correctrice de la maladie d'Ebstein : L'impact d'une nouvelle technique
- Lisa STOJAN** Title : Influence des infrastructures hospitalières sur le pronostic des chirurgies cardiaques pédiatriques
- Chantal PLOMBS** Title : Médecine Humanitaire en cardiologie et chirurgie cardiaque dans tous ses aspects
- Irene NYAABA** Title : Retour veineux total anormal pulmonaire
- Mikael CHEVALLEY** Title : Etude rétrospective de la chirurgie des transpositions des gros vaisseaux selon Senning
- Thibault SCHAEFFER** Title : Résultats à long terme des enfants ayant bénéficié d'une réparation ou d'un remplacement de la valve mitrale dans un contexte d'atteinte rhumatismale valvulaire
- Frederica BOCCHI** Title : Etude rétrospective sur l'assistance circulatoire
- Imene ACHEK** Title : Etude rétrospective sur la prise en charge chirurgicale du Truncus artériel
- Alexandre PONTI** Titre : Prothèses endovasculaires
- Céline FISCHER** Title : Prise en charge des communications interventriculaires

Mélanie DE NERIS
Valve tricuspid

Title : Chirurgie des malformations congénitales de la

Lydia WUARIN

Title : Recherche fondamentale en cardio-vasculaire

CONFERENCES AS GUEST SPEAKER (by invitation)

- September 1991** : Fifth Annual Meeting of Mediterranean Association of Cardiology & Cardiac Surgery, Alexandria, Egypt.
"Aortocoronary bypass grafting with intermittent aortic cross-clamping".
- October 1992** : II National Congress of Cardiovascular Surgery. Salonique, Greece . **"Mitral Valve Reconstructive Surgery"**
- June 1993** : First National Congress of Invasive Cardiology, Athens, Greece. **"Operative Findings After Percutaneous Mitral Dilation"**
- September 1993** : IX National Congress of Cardiology, Bursa, Turkey. **"Dynamic cardiomyoplasty"**
- April 1996** : American Association for Thoracic Surgery , San Diego, USA
"Criteria and protocols used in determining whether to repair or replace heart valves."
- May 1996** : 4 th World Congress on Heart Failure - Mechanisms and Management, Jerusalem, Israel.
Invited by "International Society of Heart Failure"
to present **"Heparin-induced thrombocytopenia and thrombosis following open heart surgery"**
- May 1997** : 5 th World Congress on Heart Failure- Mechanisms and Management, Washington U.S.A.

Invited by "International Society of Heart Failure" to present
"Preliminary clinical results of biodegradable patch"

- June 1997** : Sixteenth National Congress of Cardiovascular Surgery
Bucarest- Romania
"Mitral valve repair -results of the second decade"
- May 1998** : 5 ème Journée romande d'Echocardiographie. Geneva.
« La dysfonction des prothèses: les causes »
- March 1999** : Annual meeting of the Swiss Society of
Cardiology and Cardiovascular Surgery, Basel **« Insuffisance
valvulaire: quand et comment opérer? »**
- October 1999** : National French Academy of Surgery. **« De la géométrie
à la reconstruction valvulaire aortique: progrès et
perspectives »** Lausanne, Switzerland
- November 1999** : Annual Meeting of the Swiss Society of Pediatric Cardiology.
**« Réparation chirurgicale de la valve aortique chez
l'enfant »** Geneva
- February 2000** : Workshop on stentless bioprostheses. Hôpital Notre-Dame de
Secours, Beyrouth, Lebanon **« How to implant a Freestyle
stentless prosthesis with respect to patients coronary
ostia »**
- April 2000** : 12 th Turkish Heart Week. Istanbul, **« Transmyocardial laser
revascularization with Excimer in unstable angina »**
- April 2000** : Symposium romand des Maladies cardio-vasculaires 2000
Geneva **«Revascularisation transmyocardique au laser:
éventuels mécanismes d'action »**
- May 2000** : 7 ème Journée romande d'Echocardiographie. Geneva.
« Quelle valve peut être réparée? »

- January 2002** : Congress of Cardiology, United Arab Emirates
 « **Mitral valve repair in asymptomatic patients** »
- May 2002** : Congress of Slovenian Society of Cardiology, Ljubljana
 « **How to repair the mitral valve in children** »
 « **Mitral valve repair in the acute phase of endocarditis** »
- May 2002** : 9 ème Journée romande d'échocardiographie Geneva
 « **Traitement chirurgical : place de la réparation de la valve et de la racine aortiques** »
- June 2002** : Mises au point 2002, Geneva, « **L'ischémie mésentérique : place de la chirurgie de revascularisation** »
- October 2002** : « **Tricuspid valve replacement by mitral homograft** » First congress of serbian society of cardiovascular surgeons Belgrade-Serbia
- November 2002** : « **Tricuspid valve replacement by mitral homograft** » First Congress of Romanian Society for Cardiovascular Surgery Bucarest- Romania
- November 2002** : « **Surgical treatment of acute endocarditis** » Journée d'automne de la Société suisse de cardiologie, Geneva
- March 2003** : « **Workshop on pediatric mitral valve repair using biodegradable ring** » University of Istanbul, Turkey
- April 2003** : « **Workshop on pediatric mitral valve repair using biodegradable ring** » University of Izmir, Turkey
- May 2003** : « **Hearts for ALL** » **A humanitarian strategy according to the socio-economic situation in different countries** ^{1st}
 Global Forum on Humanitarian Medicine in Cardiology and Cardiovascular Surgery, Geneva

- September 2003:** « **Replacement of tricuspid valve using a mitral homograft** » National Congress of Cardiology, Teheran, Iran
- October 2003 :** « **Aortic valve repair in pediatric population** » 6th Biennial Congress of the Syrian Cardiovascular Association, Damascus, Syria
- October 2003 :** « **Workshop on mitral valve repair using a biodegradable ring** » Faculty of medicine Bangalore, India
- October 2003 :** « **La valve tricuspide : plastie ou homogreffe ?** » Progrès des Thérapeutiques cardiovasculaires III, Geneva
- November 2003 :** « **Live teleconference on mitral valve repair using a biodegradable ring** » European Congress of Cardiovascular Surgery, Istanbul, Turkey
- November 2003 :** « **Réparation valvulaire aortique avec extension péricardique autologue** » 1^{er} Congrès transalpin de Chirurgie cardio-vasculaire Lyon, FRANCE
- April 2004 :** « **Aortic valve repair , does it work** » 12th Annual meeting of asian society for cardiovascular surgery, Istanbul, Turkey
- April 2004 :** « **Mitral valve repair in congenital mitral insufficiency, the impact of Kalangos ring** ». Bambino Gesù University of Rome, Italy
- September 2004 :** « **Ebstein's anomaly : Surgical treatment** » Italian Society of Cardiology, Bambino Gesù Rome, Italy
- September 2004 :** « **Aortic cusp extension** » 16th annual meeting Mediterranean Association of Cardiology and Cardiac Surgery Bodrum, Turkey
- September 2004 :** « **A new concept in annuloplasty rings : Biodegradable Kalangos' ring** » 16th annual meeting Mediterranean association of cardiology and Cardiac Surgery Bodrum, Turkey

- October 2004** : « **La médecine humanitaire en cardiologie** » Conférence au collège des professeurs de la faculté de médecine de Rabat, Marocco
- October 2004** : « **Aortic valve repair** » 2^{ème} congrès national de la société roumaine de chirurgie cardio-vasculaire » Bucarest, Romania
- November 2004** : « **Réparation valvulaire mitrale chez l'enfant** » 2^{ème} symposium transalpin Evian, France
- February 2005** : « **Chirurgie cardiaque à cœur ouvert chez l'octogénaire** » XIII èmes journées Franco-Suisse de Cardiologie, Zermatt, Switzerland
- February 2005** : « **Evolution in the annuloplasty concept : from Carpentier Edwards rigid ring to Kalangos biodegradable ring** » University Hospital Umberto 1st., Rome, Italy
- June 2005** : « **Correction of Ebstein's anomaly** » Workshop and conference, Poznan, Poland
- June 2005** : « **Heart surgery uses polymers to repair cardiac valves** » 8th IUPAC conference on polymers and macromolecules, Universtity of Mauritius
- June 2005** : « **The role of basic research in cardiovascular surgery** » Conference during the ceremony of the title « Docteur honoris causa » University of Thrace, Turkey
- September 2005** : « **The surgical treatment of the Ebstein's anomaly** » and « **Mitral valve repair, techniques according to the involved pathologies** » 17th annual of meeting mediterranean association of cardiology and cardiac surgery Portoroz, Slovenia
- October 2005** : « **Workshop on the biodegradable ring** » 1st congress on the innovations in cardiology and cardiac surgery. Bodrum, Turkey

- October 2005** : « **Aortic valve repair in children** » 1st Symposium on the left and right outflow track reconstruction Istanbul, Turkey
- November 2005** : « **La chirurgie des anomalies conotroncales** » Symposium sur « Diagnostic et prise en charge des anomalies cardiaques foetales » Geneva
- November 2005** : « **Valve repair using a biodegradable ring** » Workshop at the University hospital of Johannesburg, South Africa
- March 2006** : « **Mitral valve repair using a biodegradable ring in children** » National congress of pediatric cardiac surgery Florence, Italy
- April 2006** : « **Mitral valve repair in pediatric population** » Réunion annuelle des cardiologues pédiatres , Geneva
- May 2006** : « **Mitral valve repair using a biodegradable ring** » 10th Danubian Congress of Cardiac Surgery Visegrad, Hungary
- July 2006** : « **Valve repair with biodegradable ring** » 3rd Euro Asian Bridge Istanbul, Turkey
- September 2006** : « **Mitral valve repair using a biodegradable ring in pediatric population** » « **Surgical management of Ebstein's anomaly** » 9th annual meeting of cardiac surgery Langkawi, Malaysia
- September 2006** : « **Ventricular assist devices : Berlin Heart** » V national annual meeting of organ transplantation, Izmir Cesme, Turkey
- September 2006** : « **Mitral valve repair in rheumatic valve disease : the Geneva experience** » 3rd transalpine symposium of cardiac surgery Torino, Italy
- October 2006** : « **Mitral valve repair using a biodegradable ring** » 18th mediterranean congress of cardiology and cardiovascular surgery, Ayia Napa, Cyprus

- October 2006** : « **Valve repair in children** » National Congress of pediatric cardiology and cardiovascular surgery, Istanbul, Turkey
- October 2006** : « **10th edition Heart lab 2006** » **Introduction and demonstration of a-v valve repair with bio-absorbable Kalangos ring** Zurich, Switzerland
- November 2006** : «**Mitral valve repair using a biodegradable ring in children** » The First Asia-Pacific Congress of pediatric cardiology and cardiac surgery Bangkok, Thailand
- November 2006** : « **Valve repair in the congenital malformations of the mitral valve in children** » National Congress of the Turkish Society of Cardiovascular Surgery Antalya, Turkey
- November 2006** : « **Congenital malformations of the mitral valve** », « **Mitral valve repair (movie)** », « **Mitral valve repair using a biodegradable ring in children** » , XIX Congresso Brasileiro de Cardiologia Pediatrica, Sao Paulo, Brasil
- December 2006** : « **Mitral valve repair using a biodegradable ring** », XXIII Congresso Della Societa italiana di chirurgia cardiaca, Rome, Italy
- December 2006** : « **Mitral valve repair using a biodegradable ring** » **Workshop** Universitat Klinik Für Herz-Thoraxchirurgie Wien (Prof E. Wolner) Wien, Austria
- January 2007** : Symposium of Cardiovascular Surgery « **Mitral valve repair Live transmission in 2 cases** » Palandoken Erzurum, Turkey
- January 2007** : 9th Gdanskie Spotkania Kardiologiczne « **Mitral valve repair with biodegradable ring Live transmission in a case and conference** » Gdansk, Poland
- January 2007** : « **Evolution of heart valves** » EPFL

- February 2007** : « **Development of a new biological valve** » Alliance, EPFL, CHUV, Lausanne
- March 2007** : « **What are the needs of open heart surgery in developing countries ?** » Current perspectives of extracorporeal circulation
Basel
- March 2007** : « **Workshop on extracorporeal assist devices** » Medical School of Ege, Izmir, Turkey
- May 2007** : « **Evolution of biological valvular prostheses** » Scientific days for 45th anniversary of the Istanbul Cardiothoracic Center
Istanbul, Turkey
- May 2007** : « **What are the needs in cardiac surgery in developing countries** » and « **Towards a global network in developing countries** » 3rd global forum in humanitarian medicine in cardiology and cardiac surgery, Geneva
- June 2007** : « **Mitral valve repair in heart insufficiency** » and « **Bridge to heart transplantation** » 1st national Artificial Organs and support systems congress Istanbul, Turkey
- June 2007** : « **Advanced Valve repair in children** » Institute Jantung Negara Kuala Lumpur Live cases and lecture, Malaysia
- June 2007** : « **Valve repair in children with a biodegradable ring** » Seminari di Medicina e Chirurgia Cardiovascolare della Magna Graecia, Catanzaro, Italy
- July 2007** : « Symposium » Live cases and lectures on « **Technical aspects of mitral valve repair** », « **mitral valve repair in children using a biodegradable ring** », « **Aortic valve repair in children with cusp extension** », « **Surgical treatment of Ebstein's anomaly** » University Hospital of Sao Luiz, Brasil
- July 2007** : « **Mitral valve repair in children with biodegradable ring** » Lecture to the PhD students, University of Verona, Italy

- Août 2007** : « **A new concept in annuloplasty : the biodegradable ring** » **The 56th** annual meeting of the scandinavian association for thoracic surgery Helsinki, Finland
- Septembre 2007** : « **Implantation of a biodegradable ring in a live case transmission** » 21st of European association for cardiothoracic surgery, Geneva, Switzerland
- October 2007** : « **A new annuloplasty concept : the biodegradable ring** » **16th** congress of the cardiology society of Serbia, Belgrade, Serbia
- October 2007** : **11th** of Heart Lab 2007. « **Annuloplasty with biodegradable ring** » Zurich, Switzerland
- November 2007** : **Dissection aigue de l'aorte : techniques et résultats**
« Progrès des thérapeutiques cardiovasculaires VII » **Geneva**
- November 2007** : « **Mitral valve repair, technical aspects** » « **Mitral valve repair with biodegradable ring** » 3rd Valve repair academy, Geneva
- December 2007** : « **Evolution of the valve prostheses over time** »
Technologies médicales Cours à l'EPFL
- January 2008** : « **A new biological prosthesis : Kalangos heart valve** »
Biodata. Geneva
- March 2008** : « **Absent pulmonary valve syndrome, evolution in RVOT reconstruction** », « **Mitral valve repair in children** », « **Tricuspid valve repair in children** » 10th King Fahd Armed Forces Hospital Programme , Challenges of the right heart, Jeddah, Saudi Arabia
- March 2008** : « **Surgical Use of biologic tissue in congenital heart disease** » Founding meeting of the biologic tissue valve club, Rabat, Marocco

- April 2008** : « **Mitral valve repair with biodegradable ring : Geneva experience One live case of mitral valve repair to the auditorium** Turkish Society of Cardiovascular Surgery Edirne, Turquie
- April 2008** : « **Mitral valve repair with biodegradable ring** » 2^{ème} symposium pluridisciplinaire Optimalisation peri-operatoire en chirurgie mitrale et tricuspide , Château de Seneffe, Belgium
- May 2008** : « **Mitral valve repair in congenital malformations,** », « **Surgical treatment of Ebstein's anomaly** », « **Long-term results of mitral valve repair in children** » « **Annuloplasty with biodegradable ring** » , 18TH World Society of Cardiothoracic Surgeons Kos, Greece
- May 2008** : « **Reparacion mitral con anillo reabsorbible** » « **Cirugia de Ebstein** » VI Congreso nacional de Cardiologia pediatria y cardiopathias congenitas, Bilbao, Spain
- May 2008** : « **Use of biological and biodegradable material in valve surgery** » At the heart of the mitral valve - 2nd interactive seminar Catania, Italy
- June 2008** : « **Mitral valve repair techniques** », « **Mitral valve repair with the biodegradable ring** » « **Surgical correction of the Ebstein's anomaly** » Valve repair academy , Lviv University Hospital, Ukraine
- June 2008** : « **The experience of « Cœurs pour tous** » World summit on pediatric and congenital heart surgery, Montreal, Canada
- July 2008** : « **Valve repair with biodegradable ring** » Ains Shams University Hospital, Cairo, Egypt
- August 2008** : « **Evolution of the bioprostheses** » University Hospital, Verona, Italy

- Septembre 2008 :** « **Clinical application of the cardiovascular biomaterials : from the polymer to the patient – inaugural lecture-**» 35th annual meeting of the european society for artificial organs, Geneva, Switzerland
- October 2008 :** «**Surgical correction of TOF » and « Surgical aspects of mitral valve repair in children »** Symposium of pediatric cardiology Nicosia, Chyprus
- October 2008 :** « **Mitral valve repair with biodegrdable ring »** University Hospital of Valencia, Spain
- November 2008 :** « **Mitral valve repair in children using a biodegradable ring » « The surgical treatment of the Ebstein’s anomaly »**, 6th meeting of Al Bassel Heart Society Damas, Syria
- January 2009 :** « **Le cœur malade : quand devient-il malade ? »** Le congrès médical du praticien Quadrimed, Crans- Montana ; Switzerland
- February 2009 :** « **Ring or not to ring in mitral valve repair and which ring »** Symposium University of Aristotle,Thessaloniki, Greece
- March 2009 :** “**Mitral valve repair using a biodegradable ring in pediatric and adult patients”** Live transmission of 2 cases and conference, Master Sessions- Valve repair- Evolving technologies, Hyderadab, India
- April 2009 :** “**Mitral valve repair in children (experience before the ring utilising biodegradable suture material or pericardial band and after the ring)** 16th annual meeting of the egyptian society of cardiothoracic surgery, Cairo, Egypt
- April 2009 :** “**Biodegradable materials in clinical cardiovascular field”** 2nd national congress of artificial organs and assist devices, Antalya, Turkey

- June 2009** : **“Mitral valve repair with biodegradable annuloplasty rings”**5th Joint meeting of the Society for Heart Valve Disease& Heart valve Society of America, Berlin, Germany
- September 2009:** **“Congenital mitral valve repair”** University Hospital of La Paz Madrid, Spain
- September 2009:** **“Surgical treatment of the Ebstein’s anomaly”** 5th congress of update in cardiology and cardiovascular surgery European Society of cardiology GUCH course Antalya, Turkey
- October 2009** : **“Technical aspects of mitral valve repair”** Smyposium of the Turkish Society of Cardiovascular Surgery Gaziantep, Turkey
- October 2009** : **“Traitement chirurgical des valvulopathies mitrales et aortiques”** Symposium romand pour medecins confrontés à des patients atteints de pathologie valvulaire. Coppet, Switzerland
- October 2009** : **« Congenital mitral valve repair » and « Surgical treatment of the Ebstein’s anomaly »** 11th annual conference of pediatric cardiac society of India Changigarh, India
- November 2009** : **“ From the polymer to the clinical application: the biodegradable polymers in cardiovascular field”** University of Verona
- November 2009** : **“Design and pre-clinical evaluation of a new porcine bioprosthetic heart valve”** Zurich 13th Heart Lab 2009
- December 2009:** **“Pulmonary regurgitation post TOF repair”**
“Aortic regurgitation in association with congenital heart disease”
“Ebstein’s anomaly”
 The Kuala Lumpur valve submit, Kuala Lumpur, Malaysia
- December 2009:** **“Mitral annuloplasty using biodegradable rings”**
 Conferences at St Vincent’s Hospital, University Hospital of Austin and Royal’s Melbourne Hospital, Melbourne, Australia

- January 2010** : **“Technical aspects of mitral valve repair in children”** 1st congenital heart disease congress Lemassol, Cyprus
- February 2010** : **“Surgical strategies and techniques for the repair of ischemic mitral/tricuspid incompetence”** 17th International Local drug delivery and cardiovascular course on revascularization and molecular strategies, Geneva
- February 2010** : **“Mitral valve repair using biodegradable ring” Live cases”** University Hospital of Krakow, Poland
- March 2010** : **“The use of biological and biodegradable material in mitral valve surgery and their perspective development”** Core colloquim in cardaic surgery Verona, Italy
- April 2010** : **“Midterm results of mitral annuloplasty with a biodegradable ring”**, 56th Congress of European Society of Cardiovascular Surgery Izmir, Turkey
- May 2010** : **“Surgical reconstruction of right ventricular outflow tract” and “Cardiac surgery in Marfan’s syndrome”** 9th National Congress of Turkish Society of Pediatric Cardiology and Cardiac Surgery Eskisehir, Turkey
- May 2010** : **“Ring or not to ring” Honorary lecture** 5th National Congress of the Polish Society of Cardiovascular Surgery Poznan, Poland
- August 2010** : **“Evolution of surgical strategies in the management of ischemic mitral insufficiency”** University of Verona, Italy.
- August 2010** : **“Evolution of surgical techniques in ischemic mitral insufficiency”, “Mitral valve repair with biodegradable ring”** Telemedecine program for South East Asia, World Heart Foundation, Saigon, Vietnam

- September 2010:** **“Surgical treatment of Ebstein’s anomaly”** University Medical centre Saigon, Vietnam
- October 2010 :** **“Tricuspid insufficiency during mitral valve repair: when should be treated”** 11th Annual meeting of the Turkish Society of cardiovascular Surgery, Antalya, Turkey
- November 2010 :** **“Aortic valvar reconstruction: how far can we go?”** 2th Scientific annual meeting Swiss Society of Pediatric Cardiology Bern
- December 2010 :** **“Ischemic mitral valve reconstruction”** 7th Meeting of Al Bassel Heart Society 1st Meeting of Arab Association for Cardiothoracic Surgery, Damascus, Syria
- December 2010 :** **“The evanescent ring”** The Heart Valve Club Paris, France
- February 2011 :** **« Surgical approaches for ischemic mitral insufficiency and out-come »** 18th LDDR Geneva, Switzerland
- February 2011 :** **“AVC defect with no-patch technique”**
“The vanishing ring”, 57th Annual meeting of the Indian Society for Cardio-thoracic Surgery, Chennai, India
- May 2011 :** **“The rheumatic mitral valve and repair techniques”** 91st annual meeting of American Association of Thoracic Surgery, Philadelphia, USA
- May 2011 :** **“Surgical treatment of Ebstein’s anomaly”** IInd National Symposium of cardiology Baku, Azerbaïdjan
- August 2011 :** **“The tricuspid annuloplasty: when is it indicated”** Verona Medical School, Verona, Italy
- October 2011 :** **“The use of biological material in congenital heart surgery”** Collège Interdisciplinaire Marocain du Coeur et des Vaisseaux, Rabat, Marocco

- November 2011 :** « **Quelle valve aortique peut être réparée ?** » 3ème symposium romand de cardiologie et chirurgie cardiaque, Coppet, Switzerland
- November 2011 :** **“Surgical treatment of aortic regurgitation in children”** 7th Transalpin symposium in cardiac surgery Turin, Italy
- April 2012 :** **“Rheumatic mitral valve repair in children”** World Congress of Cardiology Dubai, UAE
- May 2012 :** « **Les aspects techniques de la reparation valvulaire mitrale** » 4ème journée romande d’échocardiographie et d’imagerie cardiaque, Geneva
- May 2012 :** **“Mitral valve repair using a biodegradable ring”** VIth Polish National Congress of cardiothoracic Surgery, Krakow, Poland
- August 2012 :** **“Rheumatic mitral valve disease”** Verona, Medical School, Verona Italy
- November 2012 :** **“Mitral annuloplasty with biodegradable ring”** 16th Heart Lab, Zurich
- November 2012 :** **“Mitral valve repair using a biodegradable ring”** Cardiocentro, Lugano
- February 2013 :** **“Pericardial aortic cusp extension in rheumatic aortic insufficiency”**
“Medical aspects in global heart network” 6th World Congress of Pediatric Cardiology, Cape Town, South Africa
- February 2013 :** **“Biodegradable and biological materials in cardiovascular field”** European University, Nicosia, Chypre Pediatric Cardiology and Cardiac Surgery
- March 2013 :** **“Right ventricular outflow tract reconstruction”**

“Is mitral annuloplasty necessary in children suffering from mitral insufficiency?” 9th International Congress of update in cardiology and cardiovascular surgery, Antalya, Turkey

- April 2013** : **“Mitral valve repair using a biodegradable ring”** Roland Hertzernational cardiothoracic and vascular surgery society 5th expert forum, Berlin, Allemagne
- June 2013** : **“Medical aspects of Global Heart Network”** 9th Global Humanitarian Forum Genève
- Sept 2013** : **“Surgical techniques and long-term results in the Ebstein’s anomaly”** 23rd annual meeting WSCTS, Split, Croatia
- October 2013** : **“Is mitral ring annuloplasty necessary in pediatric mitral valve repair”** 23rd annula Congress of the association of Thoracic and Cardiovascular Surgeons” Singapore
- October 2013** : **“Factors affecting longevity of valvular conduits”** XIX Annual National Congress of Serbian Society of cardiology Zlatibor, Serbia
- November 2013** : **“Mitral valve repair in congenital mitral valve disease”, “Humanitarian Heart Surgery”, “Surgical repair of Ebstein’s anomaly”** Symposium Kiev Heart Centre, Ukraine
- February 2014** : **“Mitral valve annuloplasty using a biodegradable ring” and “technical aspects of the mitral valve repair in adult population”** Workshop on mitral valve repair, Kerala, India
- March 2014** : **“ Mitral annuloplasty using a biodegradable ring”,** Heart Centre, Bad Oeyenhausen, Germany
- April 2014** : **“Rheumatic mitral valve disease: is repair feasible?”** 22nd Asian Congress of Cardiovascular and thoracic Surgery, Istanbul, Turkey
- May 2014** : **“Les aspects techniques de la reparation valvulaire tricuspидienne”** 6^{ème} Journée Romande d’Echocardiographie et

d'Imagerie cardiaque, Geneva

- June 2014** : **"Tricuspid valve , Surgical point of view, how and when"** Assemblée annuelle commune SGK, SGHC, Intelaken, Switzerland
- August 2014** : **"Tricuspid valve surgery"** Medical Scholl of Verone , Italy
- September 2014** : **"Rheumatic mitral valve repair", "Biodegradable ring annuloplasty"** Americal association for Thoracic Surgery, Valve summit, Istanbul- Turkey
- November 2014** : **"Aortic valve repair : is it an alternative to Ross operation in children? and "Factors affecting the long-term results of valvular conduits in RVOT reconstruction"** , 15th Annual Congress of Turkish Society of Cardiovascular Surgery, Antalya, Turkey
- November 2014:** **"Congenital mitral valve repair"** International Symposium on Pediatric Cardiology and Heart Surgery, Baku, Azerbaidjan
- December 2014** : **"Le Coeur malade: Quand devient-il chirurgical?"** 12th Congress of Internal medicine of Indian Ocean , Mauritius
- December 2014** : **"Aortic valve repair in children"** International Symposium of Aortic valve diseases, Portoroz, Slovenia
- March 2015** : **"Congenital mitral valve repair" et "Tricuspid valve repair, my way to do it"** 64th Congress of European Society for Cardiovascular Surgery, Istanbul, Turkey
- September 2015:** **"Congenital mitral valve repair"** 25th World Congress of Cardiothoracic Surgeons Edinbourg, Great Britain
- October 2015** : **"Congenital mitral valve repair et "Surgical management of Ebstein's anomaly"** New Trends in management of cardiovascular diseases Saigon, Vietnam

- December 2015 :** **“Surgery of bicuspid aortic valve in children and teenagers”**
and **“Setting up of a new pediatric heart surgery center ”**,
Medicor, Portoroz, Slovenia
- December 2015:** **“Scientific productivity: From idea to final product” Bahcesehir University, Istanbul, Turkey**
- April 2016 :** **“Surgery of Ebstein anomaly” and “Congenital mitral valve Repair”**, 2nd euroasian symposium of pediatric cardiology and pediatric heart surgery”, Athens, Greece
- September 2016:** **“Congenital mitral valve repair”**, 26th World congress of Cardiothoracic surgeons, Cape-Town, South Africa
- September 2016:** **“Aortic valve repair”** Symposium of cardiac surgery for the 50th anniversary of cardiac surgery in Lviv, Ukraine
- November 2016:** **“Humanitarian cardiac surgery” and “Aortic valve surgery”**,
Yinchuan , China
- April 2017 :** **“Use of homografts in GUCH surgery”**, National symposium of GUCH, Athens, Greece
- May 2017 :** **“Un nouveau programme de chirurgie cardiaque pédiatrique en Grèce: les différentes étapes et défis”** First international seminar on child’s heart Algiers, Algeria
- May 2017 :** **“Humanitarian cardiac surgery in developping countries”**
Congress of Eastern mediterranean International Medical Students’ Congress , Famagusta, Cyprus
- May 2017 :** **“Aortic valve repair in children”** 66th ESCVS; Thessaloniki , Greece
- June 2017 :** **“Humanitarian cardiac surgery: the current situation, the needs and potential solutions”** Roche Scientific Expert Evening, Athens, Greece

- September 2017:** **"Aortic valve repair in children"** 27th annual congress of WSCTS, Astana Kazakhstan
- September 2017:** **"Mitral valve surgery in children"** American Hospital Istanbul, Turkey
- November 2017:** **"Humanitarian cardiac surgery"** 4th International medical Olympiad, Thessaloniki, Greece
- December 2017:** **"Kalangos Foundation in humanitarian cardiac surgery worldwide"** Symposium of 50th year anniversary of the first heart transplant- Cape Town Declaration meeting", Cape Town, South Africa
- March 2018:** **"Evolution of cardiac surgery and interventional cardiology"**, East Meditarrean Medical School, Famagusta, Cyprus
- March 2018:** **"Humanitarian pediatric heart surgery"** 3rd Cyprus Annual Medical Students Meeting European University, Nicosia, Cyprus
- April 2018:** **"Aortic valve repair in children"** 3rd Euro-asian symposium of pediatric cardiology and cardiac surgery, Athens, Greece
- April 2018:** **"New technologies in the treatment of cardiac diseases"** Bahcesehir university, Istanbul, Turkey
- May 2018:** **"Needs in pediatric cardiology in developing countries"** Marmara University, Istanbul, Turkey
- May 2018:** **"Sustainable health development in low income countries"** Thrace University, Edirne, Turkey
- May 2018:** **"Biodegradable annuloplasty rings"** , 1st Symposium in Cardiovascular research, Koc university, Istanbul, Turkey
- May 2018:** **"Surgery of native coarctation in adults"** GUCH symposium, Istanbul, Turkey

ORGANIZED CONGRESSES AND SYMPOSIUMS

- **Valve repair academy:** Every 6 months with live cases from operating theater at the University Hospital of Geneva
- **Global forum on humanitarian medicine in cardiology and cardiovascular surgery:** Every 2 years at the University of Geneva since 2002
- **Transalpine symposium of cardiac surgery: 3 times**
- **Symposium romand de cardiologie et chirurgie cardio-vasculaire : 3 times**
- **Journée Genevoise de l'Insuffisance Cardiaque (2013, 2014)**
- **24th World Congress of Cardiothoracic Surgeons: 6-10 september 2014 (President of the World Society)**
- **Eurasian Joint Forum on Pediatric Cardiology & Cardiac Surgery 2014 and 2016, 2018 Athens, Greece**

DISTINCTIONS

2002 Archon "Ostiarios" Order of St Andrea, conferred by the His Holiness, the Patriarch of Constantinople, Chambesy-Geneva, Switzerland

2005 Officer of Mauritius, British Empire and Commonwealth, conferred by the President of Mauritius, Port Louis, Mauritius

2005 Doctor of Sciences Honoris Causa, conferred by the Chancellor of the University of Mauritius

2005 Doctor Honoris Causa, University of Adrianoupolis, conferred by the Rector of the University, Edirne, Turkey

2007 Commandor of Cedar Order, Lebanon, conferred by the President of Lebanon, Beirut, Lebanon

2010 Commandor of the 1st degree Order of St Sava conferred by His Holliness, the Patriarch of Serbia, Belgrade, Serbia

2013 Price of UNICEF conferred by the President, Athens, Greece

2014 Price "Giuseppe Sciacca, conferred by Vatican -the Cardinal Dario Castrillon Hoyos, Ponctifical University ,Rome, Vatican

2014 Price of High Scientific Distinction conferred by the Rector of the University of Istanbul, Turkey

2015 Price Gallien – pro Bonum Humanum - conferred by the Committee of Gallien Prices and the Health Minister of Greece, Athens, Greece

2015 Commandor of the Order Sretenje, conferred on behalf of the President of Serbia by the Ambassador of Serbia in Bern, Switzerland

PUBLICATIONS

Based on ResearchGate

Total Impact factor : 757.87

Citations : 3760

H index : 31

Articles in journals with editorial policy

1- Influence of aprotinin on early graft thrombosis in patients undergoing myocardial revascularization. **A. Kalangos**, G. Tayyareci, R. Prêtre, P. Di Dio, O. Sezerman.

Eur J Cardiothoracic Surgery 1994;8:651-656

Impact factor: 2.397

2- Successful surgical treatment of a coronary artery mycotic aneurysm. **A. Kalangos**, P. Julia, A. Ozler, V. Jebara, JN Fabiani, O. Sezerman.

Ann Thorac Surg 1994;58:1521-1523

Impact factor: 3.644

3- Heparin-induced thrombocytopenia and thrombosis following open heart surgery **A. Kalangos**, J Relland, S. Massonet- Castel, C. Acar, A. Carpentier.

Eur J Cardiothoracic Surg 1994;8:199-203

Impact factor: 2.397

4- Reversed flow in the internal carotid artery after occlusion of the common carotid artery. R. Prêtre, **A. Kalangos**, M. Bernardkiewicz, I. Bruschweiler, B. Faidutti.

Thorac Cardiovasc Surgeon 1994; 42:358-360

Impact factor: 0.745

5- Tricuspid valve repair by septal or posterior leaflet transposition. **A. Kalangos**, A. Baldovinos, O. Sezerman, B. Faidutti.

Ann Thorac Surg 1995;60:1807-1809

Impact factor: 3.644

6- Therapeutic implications for heparin-induced thrombocytopenia and thrombosis. **A. Kalangos**, J. Relland.

Ann Thorac Surg 1995;60:1159-1160

Impact factor: 3.644

7- Correction of pectus excavatum combined with open heart surgery in a patient with Marfan's syndrome. **A. Kalangos**, D. Delay, N. Murith, R. Prêtre, I. Bruschweiler, B Faidutti.

Thorac Cardiovasc Surgeon 1995;43:220-222

Impact factor: 0.745

8- Chirurgie reconstructrice de la valve mitrale en phase aiguë de l'endocardite bactérienne. **A. Kalangos**, C. Vuille, R. Prêtre, R. Lerch, B. Faidutti.

Schweiz Med Wochenschr 1995;125:1592-1596

Impact factor: 0.258

9- Systemic lupus erythematosus valvulitis:mitral valve replacement with a homograft. S. Chauvaud, **A. Kalangos**, AJ Berrebi, JAR Gaer, C. Acar, A. Carpentier.

Ann Thorac Surg 1995; 60:1803-1805

Impact factor: 3.644

10- Management of blunt injury of the popliteal artery. R. Prêtre, I. Bruscheiler, M. Bernarkiewicz, **A. Kalangos**, B. Faidutti.

Swiss Surg 1995;2:110-113

Impact factor: 0

11- Mitral Valve repair in lupus valvulitis. **A. Kalangos**, A. Panos, O. Sezerman.

J Heart Valve Disease 1995;4:202-207

Impact factor: 1.033

12- Successful repair of a right ventricular rupture at the atrioventricular groove. **A. Kalangos**, N. Jornod, R. Rognon, B. Faidutti.

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Impact factor: 3.664

13- Lower limb trauma with injury to the popliteal vessels. R. Prêtre, I. Bruscheiler, J. Rossier, M. Chilcott, M. Bernarkiewicz, K. Kursteiner, **A. Kalangos**, P. Hoffmeyer, B. Faidutti.

J Trauma 1996;40:595-601

Impact factor: 1.498

14- Preliminary clinical results of biodegradable pericardial substitute implantation in pediatric open heart surgery. **A. Kalangos**, B. Faidutti.

J Thorac Cardiovasc Surg 1996;112:1401-1402

Impact factor: 3.043

15- Anterior translocation of the right pulmonary artery to prevent bronchovascular compression in a case of truncus arteriosus and type A interrupted arch. R. Prêtre, B. Friedli, J.C. Rouge, **A. Kalangos**, B. Faidutti

J Thorac Cardiovasc Surg 1996; 111:672-674

Impact factor: 3.043

16- Aortic dissection due to complete detachment of the left coronary ostium during percutaneous transluminal coronary angioplasty. **A. Kalangos**, A. Panos, F. Chappuis, J.C. Stajzel, B. Faidutti.

J Invasive Cardiol 1997;9:112-114

Impact factor: 0

17- An atypical aortic valve non bacterial thrombotic endocarditis in the course of multiple myeloma. **A. Kalangos**, R. Prêtre, C. Girardet, F. Ricou, B. Faidutti.

Eur Heart J 1997;9:351-352

Impact factor: 9.8

18- Multiple-leaflet mitral valve as a rare cause of congenital mitral insufficiency. **A. Kalangos**, I. Oberhänsli, G. Khatchaturian, B. Friedli, B. Faidutti.

Ann Thorac Surg 1997;63:1452-1455

Impact factor: 3.644

19- Floating thrombus in the ascending aorta: a rare cause of peripheral emboli. **A. Kalangos**, A. Baldovinos, C. Vuille, M. Montessuit, B. Faidutti.

J Vasc Surg 1997;26:150-154

Impact factor: 3.114

20- Disruption of the aortic arch convexity containing the innominate and the left common carotid arteries origin due to blunt trauma. **A. Kalangos**, A. Panos, R. Dechamboux, B. Faidutti.

J Thorac Cardiovasc Surg 1997;114:129-131

Impact factor: 3.043

21- Fistules aorto-caves associées à un anévrisme de l'aorte abdominale: un défi diagnostique. M. Bernarkiewicz, R. Prêtre, **A. Kalangos**, G. Khatchaturian, B. Faidutti.

Ann Vasc Surg 1997;11:464-466

Impact factor: 1.169

22- Ruptured mediastinal bronchial artery aneurysm: A dilemma of diagnosis and therapeutic approach. **A. Kalangos**, G. Khatchaturian, A. Panos, B. Faidutti.

J Thoracic Cardiovasc Surg 1997;114:853-856

Impact factor: 3.043

23- Successful weaning from cardiopulmonary bypass after cardiac surgery using inhaled nitric oxide. T. Bichel, I. Spahr-Schopfer, M. Berner, E. Jaeggi, Y. Velkovski, B. Friedli, **A. Kalangos**, B. Faidutti, JC. Rouge.

Paediatr Anaesth 1997; 7:335-339

Impact factor: 1.005

24- Left atrial myxoma presenting with myocardial infarction. A.Panos, **A. Kalangos**, B. Faidutti.

Int J Cardiol 1997;62:73-75

Impact factor: 0.973

25- L'insuffisance mitrale sévère avec FE inférieure à 40%: La chirurgie cardiaque est encore indiquée. B. Faidutti, **A. Kalangos**, A. Baldovinos.

Schweiz Med Wochenschr 1997;127:2040-2045

Impact factor: 1.681

26- Successful Management of a Postinfarction left ventricular rupture using a sutureless technique with concomitant myocardial revascularization. **A. Kalangos**, A. Panos, P. Chatelain, D. Vala, P. Fromage, B. Faidutti.

J Card Surg 1997;12:243-246

Impact factor: 0.804

27- Hypoplasia of the posterior leaflet as a rare cause of congenital mitral insufficiency. **A. Kalangos**, I. Oberhansli, A. Baldovinos, M. Beghetti, B. Friedli, B. Faidutti.

J Card Surg 1997; 12: 339-342

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28- Leaflet's free edge suspension for correction of aortic insufficiency with ventricular septal defect. **A. Kalangos**, M. Beghetti, N. Murith, B. Faidutti.

Ann Thorac Surg 1998;65:566-568

Impact factor: 3.644

29- Conversion from routine CPB to centrifugal mechanical assist by transaortic inflow cannulation of the left ventricle. **A. Kalangos**, N. Murith, A. Baldovinos, B. Faidutti.

Ann Thorac Surg 1998;65:1168-1170

Impact factor: 3.644

30- Benefits of intraoperative skin surface warming in cardiac surgical patients. L. Hohn, A. Schweizer, **A. Kalangos**, D R. Morel, M. Bednarkiewicz, M. Licker.

Br J Anaesth 1998;80:318-323

Impact factor: 1.989

31- Common Coronary Ostium mimicking an aortic abscess in a case of bacterial endocarditis. C. Vuille, R. Lerch, P. Trigo-Trindade, **A. Kalangos**.

J Am Soc Echocardiol 1998;11:80-82

Impact factor: 1.636

32- Treatment of a persistent postoperative chylothorax with somatostatin. P. Rimensberger, B. Müller-Schenker, **A. Kalangos**, M. Beghetti.

Ann Thorac Surg 1998;66:253-254

Impact factor: 3.644

33- Traumatismes fermés de l'aorte abdominale-mise au point. M. Bednarkiewicz, G. Khatchatourian, N. Murith, **A. Kalangos**, M. Montessuit, I. Bruscheiler, B. Faidutti.

Swiss Surg 1998;4:221-224

Impact factor: 0

34- Ruptured lumbar artery pseudoaneurysm: a diagnostic dilemma in retroperitoneal hemorrhage following abdominal trauma. **A. Kalangos**, B. Walder, B. Faidutti.

J Trauma 1998;45:829-832

Impact factor: 1.498

35- Acute occlusion of the thoracic aorta by calcified atherosclerosis. **A. Kalangos**.

Ann Intern Med 1998;129:750-751

Impact factor: 9.833

36- Double aortic arch. M. Beghetti, Ph. Bugmann, **A. Kalangos**.

J Pediatr 1998;133:799

Impact factor: 3.467

37- Successful palliation of acute superior vena cava obstruction after the Senning operation. **A. Kalangos**, M. Beghetti, P. Rimensberger, E. Khabiri, D. Vala, B. Faidutti.

Ann Thorac Surg 1998;66:1800-1802

Impact factor: 1.828

38- Technical implications regarding surgical removal of a floating thrombus located in the ascending aorta or in the aortic arch. **A. Kalangos**, D. Vala, M. Bednarkiewicz, B. Faidutti.

Ann Vasc Surg 1999; 13: 115-120

Impact factor: 1.169

39- Can gastric intramucosal pH (pHi) predicts outcome of paediatric cardiac surgery? T. Bichel, **A. Kalangos**, JC Rouge.

Paediatr Anaesth 1999; 9:129-134

Impact factor: 1.005

40- Coronary artery bypass grafting using the descending branch of the lateral femoral circumflex artery as an arterial conduit: Is arteriographic evaluation necessary prior to its use? B. Faidutti, **A. Kalangos**.

J Thorac Cardiovasc Surg 1999;117:1229-1230

Impact factor: 3.043

41- Ascending aortic aneurysm associated with aortic insufficiency due to Takayasu's arteritis in a child. **A. Kalangos**, A. Baldovinos, M. Beghetti, D. Vala, B. Faidutti.

Ann Thorac Surg 1999; 68:248-250

Impact factor: 3.644

42- Aortic valve repair by cusp extension using fresh autologous pericardium in children suffering from rheumatic aortic insufficiency. **A. Kalangos**, M. Beghetti, A. Baldovinos, D. Vala, B. Mermillod, N. Murith, I. Oberhansli, B. Friedli. B. Faidutti.

J Thorac Cardiovasc Surg 1999; 118: 225-236

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43- Hydropneumopericardium. M. Beghetti, M. Bednarkiewicz, **A. Kalangos**.

Cardiol Young 1999;9:589

Impact factor: 0.615

44- Unilateral total and contralateral partial pulmonary agenesis associated with total anomalous pulmonary venous drainage. V. Finci, M. Beghetti, **A. Kalangos**, MA Bründler

J Pediatr 1999;134: 510-512

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45- Diagnostic scanographique d'une tamponnade cardiaque. A. Panos, **A. Kalangos**

Schweiz Med Wochenschr 1999;129:1510

Impact factor: 1.681

46- PTCA à haut risque assistée par l'Hémapompe 14F: l'expérience genevoise. A. Panos, **A. Kalangos**, P. Urban.

Schweiz Med Wochenschr 1999;129:1529-1534

Impact factor: 1.681

47- Partial left ventriculectomy combined with transmyocardial laser revascularization for end-stage dilated ischemic cardiomyopathy. **A. Kalangos**, A. Schweizer, M. Licker, L. Sekoranja, B. Faidutti.

Ann Thorac Surg 1999;68:1397-1399

Impact factor: 3.644

48- Left coronary ostial stenosis caused by focal intimal fibrosis. **A. Kalangos.**

Ann Intern Med 1999;131:717

Impact factor: 9.833

49- Aorto-cutaneous fistula as a rare complication of localized chronic mediastinitis. A. Panos, **A. Kalangos**, N. Murith, B. Faidutti.

Thorac Cardiovasc Surg 1999;47: 335-337

Impact factor: 0.804

50- Massive thromboembolism due to transcatheter ASD closure with ASDOS device. G. Khatchatourov, **A. Kalangos**, P. Urban, A. Anwar, P De Moerloose, B. Friedli, B. Faidutti **J**

Invasive Cardiol 1999;11:743-745

Impact factor: 0

51-Giant mediastinal bronchial artery aneurysm. **A. Kalangos.**

Ann Thorac Surg. 1999;68:1888-1889

Impact factor: 3.644

52- Early-onset familial dilatation of the ascending aorta. M. Beghetti, B. Steinmann, D. Didier, **A. Kalangos**, A. Bottani.

Cardiology 2000;92:68-70

Impact factor: 0.678

53- Aorticoright Atrial Tunnel. **A. Kalangos**, M. Beghetti, D. Vala, S. Chraibi, B. Faidutti.

Ann Thorac Surg 2000; 69:635-637

Impact factor: 3.644

54- Anterior Mitral Leaflet prolapse as primary cause of pure rheumatic mitral insufficiency. **A. Kalangos**, M. Beghetti, D. Vala, E. Jaeggi, G. Kaya, V. Karpuz, N. Murith, B. Faidutti.

Ann Thorac Surg 2000; 69: 755-761

Impact factor: 3.644

55- Aprotinin treatment does not impair renal haemodynamics and function after cardiac surgery. A. Schweizer, L. Höhn, D.R. Morel, **A. Kalangos**, M. Licker.

Br J Anesth 2000;84:16-22

Impact factor: 1.989

56- Etiology and management of pediatric cylothorax. M. Beghetti, G. LaScala, D. Belli, P. Bugmann, **A. Kalangos**, C. LeCoultré.

J Pediatr 2000;136:653-658

Impact factor: 3.467

57- Suivi des patients traités par conduits entre le ventricule droit et l'artère pulmonaire. S. Chraïbi, M. Beghetti, **A. Kalangos**, B. Faidutti, B. Friedli.

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Impact factor: 0.403

58- Is partially reversible pulmonary hypertension a contraindication for heart transplantation? A. Baldovinos, **A. Kalangos**, J Sierra, MJ. Licker, B. Faidutti.

Transplant Proc 2000;32: 468-469

Impact factor: 0.678

59- Aortic valve replacement using the freestyle stentless bioprosthesis with respect to spacial orientation of patients coronary ostia. **A. Kalangos**, P. Trigo-Trindade, D. Vala, A. Panos, B. Faidutti.

J Thorac Cardiovasc Surg 2000;119:1185-1193

Impact factor: 3.043

60- How to avoid problems with Freestyle valve implantation. **A. Kalangos**.

Ann Thorac Surg 2000;70: 1005-6

Impact factor: 3.644

61- Transaortic inflow and outflow cannula for centrifugal mechanical assistance. **A. Kalangos**.

Artif Organs 2000; 24: 757-60

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62- Oxidized low density lipoprotein is associated with apoptosis of vascular smooth muscle cells in human atherosclerotic plaques. Y. Okura, M. Brink, H. Itabe, KJ Scheidegger, **A. Kalangos**, P Delafontaine.

Circulation 2000; 102 :2680-6

Impact factor: 14.816

63- Utilité de l'examen clinique dans la recherche de foyers infectieux avant chirurgie cardiaque. N. Lardon, D. Quinodoz, **A. Kalangos**, P. Dulguerov.

Schweiz Med Wochenschr 2000; 130 (Suppl. 125) ; 11S-13S

Impact factor : 1.681

64- Inhaled nitric oxide versus aerosolized iloprost in secondary pulmonary hypertension in children with congenital heart disease. PC Rimensberger, I. Sphar-Schopfer, M. Berner, E. Jaeggi, **A. Kalangos**, B. Friedli, M. Beghetti.

Circulation 2001 ;103 :544-8

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65- Pericardial reinforcement following partial atrial resection in idiopathic enlargement of the right atrium. **A. Kalangos**, R. Ouaknine, S. Hulin, L. Cohen, Y Lecompte.

Ann Thorac Surg 2001; 71:737-8

Impact factor: 3.644

66- Epidural sufentanil during paediatric cardiac surgery: effects on metabolic response and postoperative course. T. Bichel, JC Rouge, S. Schlegel, I Spahr-Schopfer, **A. Kalangos**.

Paediatr Anaesth 2000;10: 609-17

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67- Stentless bioprostheses should be properly adjusted according to the disposition of patient coronary ostia at both the inflow and outflow insertion levels. **A. Kalangos**.

J Thorac Cardiovasc Surg 2001;121 : 818-9

Impact factor: 3.043

68- Surgical correction of aortic arch hypoplasia associated with crest-like protusion of superior arch wall and isthmic coarctation. **A. Kalangos**, J. Rubay, R. Ouaknine, N. Murith, L. Cohen, Y. Lecompte.

J Thorac Cardiovasc Surg 2001;121:996-8

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69- The impact of double internal thoracic artery grafts on long-term outcomes in coronary artery bypass grafting. D. Danzer, JT Christenson, **A. Kalangos**, G. Khatchatourian, M. Bednarkiewicz, B. Faidutti.

Texas Heart Inst J 2001; 28 :89-95

Impact factor : 0.805

70- Interventricular septal enlargement for left atrioventricular valve replacement with a larger prosthesis. **A. Kalangos**, M. Beghetti, D. Vala, N. Murith, B. Faidutti.

J Thorac Cardiovasc Surg 2001 ; 122 :382-4

Impact factor: 3.043

71- Cardiac sarcoma originating from the tricuspid valve. **A. Kalangos**, J. Sierra, L. Hohn, A.M. Kurt, J. Girardet, D. Vala, B. Faidutti.

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Impact factor : 0.804

72- Systemic-pulmonary artery shunt using a bovine mesenteric venous graft in newborns. **A. Kalangos**, M. Beghetti, D. Vala, B. Faidutti.

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Impact factor: 0.804

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1- Is the Incidence of The Recurrent Carotid Stenosis Influenced by the Choice of the Surgical Technique: Carotid Endarterectomy versus Saphenous Vein bypass. **A. Kalangos**, V. Jebara, C. Acar, P. Julia, C. Brizard, JN Fabiani, A. Deloche, A. Carpentier

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1 - Early postoperative Thrombus Secondary to Calciparin Anticoagulation. **A. Kalangos**, J. Relland, S. Massonet-Castel, A. Carpentier.

9- World Symposium Cardiomyoplasty, Biomechanical Assist and Artificial Heart. Le Palais des Congrès, Paris, May 1993

1 - Latissimus Dorsi Muscle Expansion Prior to Cardiomyoplasty.

A. Kalangos, JC Chachques, C. Cron, M. Tapia, X. Renard, P. Barrier, M. Radermecker, P. Grandjean, A. Carpentier.

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10- Société de Chirurgie vasculaire de Langue française, VII Congrès annuel, Paris, June 1993

1- Traumatismes Fermés de L'Artère Poplitée. **A. Kalangos**, P. Julia, JN Fabiani.

11- XXth European Cardiology and Cardiac Surgery Meeting. Cervinia, Italie, March 1994

1 - Tricuspid and Mitral Valve Insufficiency following Blunt Chest Trauma: Operative Findings and Surgical Implications. **A. Kalangos**, J Relland, M. Radermacker, A. Carpentier.

12- 23ème Semaine médicale balkanique. Istanbul, Turkey, August 1994.

1 - Dynamic Cardiomyoplasty at eight years. **A. Kalangos**, JC Chachques, C. Acar, A. Carpentier.

13- 3rd International Congress on Heart Failure - Mechanisms and Management, Geneva, Switzerland, May 1995

1 - Dynamic Cardiomyoplasty for Heart Failure : A ten year experience. A. Carpentier, J.C. Chachques, **A. Kalangos**

14- Xe Congrès annuel de la Société de Chirurgie vasculaire de Langue française Brugges, 1-3 June 1995 Belgique

1 - Fistules Aorto-caves associées à un anévrisme de l'aorte abdominale: un défi diagnostique. M. Bernarkiewicz, R. Prêtre, **A. Kalangos**, G. Katchatourian, I. Bruschweiler, B. Faidutti

15- Mediterranean Association of Cardiology and Cardiac Surgery 8 th Annual Meeting 12- 15 October 1995 Limassol- Cyprus

1- Effects of mitral valve repair versus mitral valve replacement on the left ventricular volume, function and mass. **A. Kalangos**, A. Panos, B. Faidutti

16- European meeting of cardio-thoracic anesthesia, Leuven May 1995

1- Aprotinin treatment does not impair renal function during and after cardiac surgery. A. Schweizer, **A. Kalangos**, L. Hohn, N. Jornod, R. Prêtre, M. Licker. **Brit J Anaesth** 1996;76:28 (A 55)

17 -XXIIIrd European Cardiology and Cardiac Surgery Meeting, Val D'Isere, France 10-12 March 1997

1- Impact of Systematic use of mammary arteries on the early and long term results of coronary artery surgery B. Faidutti, **A. Kalangos**
2- Reoperation for late right outflow tract stenosis or pulmonary insufficiency following initial repair of tetralogy of Fallot B. Faidutti, **A. Kalangos**, M. Beghetti, B. Friedli

18 - Société de Chirurgie thoracique et cardio-vasculaire de langue française. 5-6 June 1997 Paris, France

1- Tetralogie de Fallot: Facteurs pronostics et réopérations après correction complète. Analyse d'une série de 517 cas. **A. Kalangos**, Friedli B., Rouge JC., Beghetti M., Orrit X., Faidutti B.

19 - Société de Chirurgie thoracique et cardio-vasculaire de Langue française 3 6 June 1998, St. Malo/France

1- Performance hémodynamique de la bioprothèse « Stentless Free Sytle » de taille 21mm lors du remplacement valvulaire aortique. Etude comparative avec la bioprothèse stented Medtronic Intact et la prothèse mécanique « Carbomedics » de même taille. **A. Kalangos**, B. Veragut-Davies, L. Sekoranja, C. Vuille, B. Faidutti.

20 - 2ème Congrès francophone de recherche clinique et biologique en

transplantation 3-5 December 1998 Bruges / Belgique

1- Est-ce que la HTAP pré-opératoire partiellement réversible constitue une contre-indication à la transplantation cardiaque? A. Baldovinos, **A. Kalangos**, J. Sierra, M. Licker, B. Faidutti.

21- 21st Congress of the European Society of Cardiology. 28 August-1 September 1999 Barcelone/ Espagne

1- Decreased expression of insulin-like growth factor-I is associated with apoptosis of vascular smooth muscle cells in the human atheromatous plaque
Y. Okura, M. Brink, **A. Kalangos**, P. Delafontaine.

22- Congrès international de la Société de Chirurgie thoracique et cardio-vasculaire de langue française. 26-28 June 2000, Paris

1- Revascularisation myocardique: Survie à long terme et fréquence des réopérations. Deux artères mammaires internes mieux qu'une? B. Faidutti, JT Christenson, D. Danzer, **A. Kalangos**.

2- Réintervention après correction complète de tétralogie de Fallot: efficacité et résultats à long terme. B. Faidutti, B. Friedli, JT Christenson, M. Beghetti, **A. Kalangos**.

23- 28th International Congress of Thoracic, Cardiac and Vascular Surgeons. 14-16 June 2000, Krakow/ Poland

1- Beating heart coronary artery bypass grafting- initial experience. What did we learn? Where do we go in the future? M. Bednarkiewicz, JT Christenson, G. Khatchaturian, **A. Kalangos**, B. Faidutti.

2- Regional extracorporeal circulation for protection of transplanted kidney and pancreas during aorto-femoral vascular reconstruction. M. Bednarkiewicz, B. Faidutti, Ph Morel, JT Christenson, **A. Kalangos**

24- Congrès de la Société de Chirurgie thoracique et Cardio-vasculaire de Langue Française 14-16 June 2001 Paris / France

1- Une stratégie plus appropriée lors de la première intervention coronarienne diminue les re-interventions à long-terme B. Faidutti, J. Christenson, D. Vala, **A. Kalangos**

25- EACTS annual meeting Lisbonne Portugal, 16-19 september 2001

1-An appropriate surgical strategy at the primary CABG operation reduces cardiac death and re-intervention rate on long-term B. Faidutti, J Christenson, D. Vala , **A. Kalangos**

26- 12th World Congress of Cardio-thoracic surgeons, 3-6 March Lucerne

1-Mitral homograft for tricuspid valve replacement for patients with tricuspid valve endocarditis. **A. Kalangos**, J Sierra, T. Trindade, M. Beghetti, N. Lahlaidi, JT Christenson.

2- Mitral valve repair for mitral insufficiency in asymptomatic patients. S. Noble, T. Trindade, JT Christenson, **A. Kalangos**, R. Lerch

27- Congrès de la Société Française de Chirurgie thoracique et cardio-vasculaire, 6-8 june 2002 Marseille

1-Incompatibilité du groupe sanguin et dégénérescence rapide de l'homogreffe valvulaire, JT Christenson, D. Vala, E. Jaeggi, M. Beghetti, **A. Kalangos**

28- EATCS Annual meeting Monaco 21-25 september 2002

1-Takayú's arteritis in children : short and midterm outcome after surgery and interventional procedures **A. Kalangos**, A. Buerge, J. Christenson, J. Sierra, M. Beghetti, E. Jaeggi

29- Société Française de Chirurgie Thoracique, et cardio-vasculaire

Journées d'automne Paris 13-14 december 2002

1-Shunt provisoire dans la réparation de la coarctation aortique. N. Lahlaidi, J. Christenson, J Sierra, M. Beghetti, D. Didier, **A. Kalangos**

30- 83rd Annual meeting American Association for Thoracic Surgery, Boston May 4-7, 2003-05-17

1-Blood group incompatibility and accelerated homograft fibrocalcifications
J Christenson, D Vala, J Sierra, M. Beghetti, **A. Kalangos**

31- 3rd International meeting of the onassis cardiac surgery center

Athens, April 10-13 2003

1-Flowatch a new remote controlled device for blood flow control in the modified blalock shunt. Is there any future A. Panos, D Morel, M Beghetti, N Stergiopoulos, **A. Kalangos**

32- 38th Annual meeting of the association for european pediatric cardiology,

Amsterdam 28-31 may 2003

1-Mitral valve repair in children with rheumatic valve disease- long term results
A. Kalangos, M. Beghetti, I Oberhansli, N Lahlaidi, J Christenson

33- XXX annual ESAO Congress Aachen Germany , Sept 3-6 2003

1-Biodegradable scaffold for vascular engineering B Walpoth, J Duwe, E Khabiri, JC Pache, E Ayuni, T Schaffner, **A. Kalangos**, T Carrel, GL Bowlin

2-PPS-PEG surface coating to reduce thrombogenicity of small diameter ePTFE vascular grafts J Duwe, A Zisch, L Karrer, E. Khabiri, A. Napoli, J Hubbell, T Schaffner, O Hess, T Carrel, **A. Kalangos**, B Walpoth

3-Ventricular assistance experience with the Berlin Heart paracorporeal system
J Sierra, N. Lahlaidi, **A. Kalangos**

34- 2nd EACTS/ ESTS joint meeting, October 11-15, 2003 Vienna

1-Biodegradable vascular grafts as scaffold for vascular engineering B Walpoth, J Duwe, L Karrer, **A. Kalangos**, E Ayuni, T Schaffner, T Carrel, G Bowlin

1- Repair of congenital mitral valve insufficiency in infants and children.

Mid to Long term results **A. Kalangos**, M Beghetti, J Sierra, J Christenson

35- The Society of Thoracic Surgeons 40th annual meeting, January 26-28, 2004, San Antonio, Texas

1-Children with rgeumatic valve disease : long term results of mitral valve repair
A. Kalangos, J. Christenson, M. Beghetti, J Sierra, E. Jaeggi

36- 4th German, Austrian, Swiss society for thoracic and cardiovascular surgery

1- Mitral valve repair for mitral valve disease in children : long term results **A.**

Kalangos, M. Beghetti, J. Sierra, E. Jaeggi, J. Christenson

2- Implication of a new algorithm for treatment of accidental deep hypothermia victims and the need for a hypothermia registry. B. Walpoth, AP Fischer, **A. Kalangos**, L von Segesser.

37- 12th Annual Meeting of the Asian Society for Cardiovascular Surgery, 19-22, April, 2004, Istanbul, Turkey.

1- Cikirikcioglu M, Khabiri E, Djebaili MK, Morel D, Kalangos A, Walpoth BH.

Intraoperative comparison of two different flow measurement devices in the pig model.

2- Ege T, Canbaz S, Cikirikcioglu M, Arar C, Edis M, Duran E. Importance of preoperative pulmonary function tests in cardiac surgery.

38- CTT Cardiothoracic techniques and technologies X, Miami, March 8- 11 , 2004 USA

1-Intra aortic filtration-particulate emboli are captured during aortic cross-clamping. J. Christenson, D. Vala, J. sierra, **A. Kalangos**

39- AEPC 39th annual meeting Munich May 19-22 may 2004, Germany

1- **Kalangos A**, Beghetti M, Sierra J, Oberhansli I, Christenson JT. Surgical repair of congenital mitral valve insufficiency in infants and children, long term results

40- 39th Congress of the European Society for Surgical Research May 2004 Athens Greece

1-Thrombogenicity and tissue compatibility of biodegradable vascular grafts. B. walpoth, J. Duwe, L. Karrer, E. Khabiri, J. pache, T. Schaffner, T. Carrel, **A. Kalangos**, G. Bowlin **Eur Surg Res 2004;36(suppl 1):1-148**

2-Assessment of New transcutaneous and intraoperative flow measurement devices in experimental pig carotid surgery B. Walpoth, M. Cikirikcioglu, M.

Djebaili, E. Khabiri, N. Popova, Y. Aggoun, **A. Kalangos Eur Surg Res 2004; 36 (suppl 1):1-148**

41- 57^{ème} Congrès de la Société Française de chirurgie thoracique et cardiovasculaire 16-17 juin 2004 Toulouse

1-Prévention des adhérences épicarde-péricarde postchirurgicales par implantation d'un hydrogel protéique biodégradable. E. Khabiri, B. Walpoth, D. Morel, **A. Kalangos**

2-Réduction de la thrombogénicité de prothèse vasculaire de petit diamètre en ePTFE par un traitement de surface (PPS-PEG) L. Karrer, J. Duwe, E. Khabiri, M. Cikirikcioglu, A. Napoli, JA. Hubbell, T. Schaffner, OM. Hess, T. Carrel, **A. Kalangos**, B. Walpoth

42- XXXI annual ESAO congress Warsaw Poland, 8-11 september 2004

1-New biodegradable materials for cardiovascular tissue engineering B Walpoth, M. Cikirikcioglu, K Djebaili, E. khabiri, P Buchler, JC Pache, **A. Kalangos**, G Bowlin

2-Impact of sterilisation methods on tissue engineered vascular prosthesis K Djebaili, M. Cikirikcioglu, P Buchler, E. khabiri, S. Karaca, JC Pache, **A. Kalangos**, G Bowlin, B. Walpoth

3-Comparaison of three clinically used blood flowmeters in an artificial circulatory system M. Cikirikcioglu, K Djebaili, E Khabiri, **A. Kalangos**, B Walpoth

4-Homologous albumin for experimental prevention of postoperative pericardial adhesions E Khabiri, K Djebaili, M. Cikirikcioglu, JC Pache, D Morel, **A. Kalangos**, B Walpoth

43- German Speaking Countries Vascular Surgery Meeting, 15-18, September, 2004, Innsbruck, Austria.

1- Djebaili K, Sedelnikov N, Zammaretti P, Cikirikcioglu M, Khabiri E, **Kalangos A**, Zisch AH, Walpoth BH. Chemical and biological treatment of the surface of small diameter ePTFE grafts.

2- Cikirikcioglu M, Karaca S, Djebaili K, Khabiri E, **Kalangos A**, Walpoth B. A new Doppler-based flow measurement technique compared with two standart methods in vitro.

44- XVI. Annual Meeting Mediterranean Association of Cardiology and Cardiac Surgery, 26-29, September, 2004, Bodrum, Turkey.

1- Cikirikcioglu M, Khabiri E, Djebaili K, **Kalangos A**, Walpoth BH. In vitro and in vivo validation of a new blood flowmeter.

2- Cikirikcioglu M, Sedelnikov N, Zammaretti P, Djebaili K, Khabiri E, Cikirikcioglu B, Zisch AH, **Kalangos A**, Walpoth BH. Assessment of thrombogenicity of small diameter vascular grafts after inorganic or organic coating.

45- Joint Meeting of the Tissue Engineering Society International and the European Tissue Engineering Society, 10-13, October, 2004, Lausanne, Switzerland.

1- Walpoth B, Zisch A, Karrer L, Duwe J, Khabiri E, Cikirikcioglu M, Djebaili K, **Kalangos A**, Napoli A, Goessl A, Hubbell JA. Effect of bi-functional polymer coating on thrombogenicity of small diameter grafts.

2- Walpoth BH, Cikirikcioglu M, Djebaili K, Khabiri E, Buchler P, Bergomi M, Pache JC, **Kalangos A**, Bowlin G. New stable and degradable bio-synthetic materials for vascular tissue engineering.

46- 10th Cardiovascular Biology and Clinical Implications Meeting, 14-16, October, 2004, Thun, Switzerland.

1- Cikirikcioglu M, Zammaretti P, Khabiri E, Djebaili K, Pache JC, **Kalangos A**, Zisch AH, Walpoth BH. Adverse effects of VEGF on intimal hyperplasia in small diameter grafts.

47- European Symposium of Vascular Biomaterials. 12-13, May, 2005; Strasbourg, France.

1- Cikirikcioglu M, Sedelnikov N, Cikirikcioglu B, Khabiri E, Pache JC, Antal A,

Hess O, **Kalangos A**, Walpoth BH. Titanium as a new coating for cardiovascular devices.

48- 40th Congress of the European Society for Surgical research

(Eur Surg Res 2005 ; 37 (suppl 1) : 1-124 Konya , Turkey

1-Biodegradable poly-dioxanone grafts for replacement of the abdominal aorta in the rat model. M. Cikirikcioglu, G. Bowlin, YB. Cikirikcioglu, K. Djebaili, JC Tille, **A. Kalangos**, B. Walpoth

2-Preclinical accuracy and precision test M. Cikirikcioglu, YB. Cikirikcioglu, K. Djebaili, E. Khabiri, **A. Kalangos**, B. Walpoth

3-Novel titanium coated EPTFE grafts : preliminary experimental results M. Cikirikcioglu, N. Sedelnikov, E. Khabiri, JC Pache, OM Hess, **A. Kalangos**, B. Walpoth

49- ISMICS 05 Cardiothoracic techniques and technologies, New York USA, 1-4 june 2005

1-Preclinical validation of a new dual beam doppler blood flowmeter in the phantom model. M. Cikirikcioglu, K. Djebaili, E. Khabiri, B. Cikirikcioglu, **A. Kalangos**, B. Walpoth.

2- Cikirikcioglu M, Sedelnikov N, Zammaretti P, Djebaili K, Cikirikcioglu YB, Zisch A, Kalangos A, Walpoth BH. Effect of organic and inorganic coating on thrombogenicity of ePTFE grafts.

50- 33rd Annual Congress of the Japanese Society for Vascular Surgery, 22-24, June, 2005, Asahikawa, Japan.

1- Cikirikcioglu M, Djebaili K, Khabiri E, Buchler P, Bergomi M, Pache JC, **Kalangos A**, Bowlin G, Walpoth BH. New biodegradable scaffolds for vascular tissue engineering: from the polymer to the rat aorta.

51- 2nd world congress on regenerative medicine 18-20, May, 2005, Leipzig, Germany. (the international journal of artificial organs, vol 28/no 4, 2005 p 419)

1-Step by step improvements of biodegradable scaffolds for vascular tissue engineering B. Walpoth, M. Cikirikcioglu, K. Djebaili, E. Khabiri, P. Buchler, M. Bergomi, J. Pache **A. Kalangos**, G. Bowlin

52- 5th World Congress on Alternatives and Animal Use in the Life Sciences, 21-25, August, 2005, Berlin, Germany.

- 1- Osorio-da Cruz S, Cikirikcioglu M, **Kalangos A**, Walpoth BH. Validation of various blood flowmeters in an artificial circuit as a "3R" concept.
- 2- Osorio-da Cruz S, Aggoun Y, Cikirikcioglu M, Khabiri E, Djebaili MK, **Kalangos A**, Walpoth BH. Linear vascular Doppler ultrasound (LVDU): a reliable and promising non invasive tool for assessment, follow up and quality control after vascular surgery.

53- 32nd European Society of Artificial Organs Congress, 5-8, October, 2005, Bologna, Italy.

- 1- Cikirikcioglu M, Yang S, Tille JC, **Kalangos A**, Walpoth BH. In vivo stem cell seeding of synthetic vascular grafts.
- 2- Cikirikcioglu M, Bowlin G, Cikirikcioglu YB, Tille JC, Pache JC, **Kalangos A**, Walpoth B. Replacement of the rat aorta with fully degradable synthetic vascular prosthesis.
- 3- Yang S, Cikirikcioglu M, Tille JC, Pache JC, Kalangos A, Walpoth BH. Stem cell enhanced laser myocardial revascularisation.
- 4- Cikirikcioglu M, Khabiri E, Tille JC, Da Cruz SO, **Kalangos A**, Walpoth BH. Anastomosis of ePTFE grafts with running or interrupted sutures: angiographic and morphometric results.
- 5- Cikirikcioglu M, Cikirikcioglu YB, Tille JC, **Kalangos A**, Walpoth B. Improved endothelialization in well matched ePTFE grafts.

54- European Society of Organ Transplantation Annual Congress, 15-18, October, 2005, Geneva, Switzerland.

- 1- Cikirikcioglu M, Yang S, Tille JC, **Kalangos A**, Walpoth BH. Intraoperative bone marrow stem cell seeding of vascular grafts.

2- Laser enhanced cell therapy for muscle regeneration in the rat B. Walpoth, A.

Kalangos

55- 11th Cardiovascular Biology and Clinical Implications Meeting, 6-8, October, 2005, Thun, Switzerland.

1- Karrer L, Cikirikcioglu M, Khabiri E, Pache JC, Schaffner T, Carrel T, **Kalangos A**, Bowlin G, Walpoth BH. Assessment of biocompatibility of electrospun biodegradable scaffolds for vascular tissue engineering.

56- European Society for Cardiovascular Surgery 54th International Congress, May 19-22, 2005

1- Right axillary cannulation as a standard approach for continuous antegrade cerebral perfusion, A. Panos, G. Khatchaturian, **A. Kalangos**
Interactive Cardiovasc Thorac Surg 2005 ; 4 suppl 1 pp s65

57- The 4th World Congress of pediatric cardiology and cardiac surgery. Sept 18-22, 2005-10-22 Buenos Aires

1- Mitral valve repair supported by the Kalangos ring in pediatric population. S. Albanese, A. Carotti, R. Iacobelli, R. Di Donato, **A. Kalangos**

58- 10th Biennial Meeting, International Society for Applied Cardiovascular Biology, 8-11, March, 2006, La Jolla, California, USA.

1- Zisch A, Cikirikcioglu M, Zammaretti P, Khabiri E, Djebaili MK, Tille JC, Hubbell JA, **Kalangos A**, Walpoth BH. Local release of exogenous vascular endothelial growth factor enhances intimal thickening in small diameter ePTFE grafts.

59- 12th International Local Drug Delivery Meeting and Cardiovascular Course on Radiation and Molecular Strategies; 2-4, February, 2006, Geneva, Switzerland.

1- Cikirikcioglu M, Cruz SO, Sedelnikov N, Khabiri E, Antal A, Tatar T, Tille JC, Hess OM, **Kalangos A**, Walpoth BH. Improved neo-endothelialization of cardiovascular implants by titanium coating.

60- 41th Annual Meeting Association for European Paediatric Cardiology, 24 - 27, May, 2006, Basel, Switzerland.

1-Cikirikcioglu M, Sierra J, Albanese SB, Di Donato RM, Carotti A, Beghetti M, **Kalangos A**. Mitral valve repair using a biodegradable ring in children.

61- 41th Congress of the European Society for Surgical Research, 17-20, May, 2006, Roschtock, Germany.

1- Cikirikcioglu M, Sierra J, Vala D, Pomar J, Mestres C, Jhurry D, Walpoth B, **Kalangos A**. Feasibility and efficacy assessment of new biodegradable annuloplasty ring in the porcine model.

2- Cikirikcioglu M, **Kalangos A**, Walpoth BH. Video presentation: Testing of new vascular grafts in the rat abdominal aorta implantation model: Bilateral beveled anastomosis technique.

3- Cikirikcioglu M, Cikirikcioglu YB, Tille JC, **Kalangos A**, Walpoth BH. Does Size matter: Better endothelialisation in well matched ePTFE grafts.

62- 59th Congress of the French Society for Thoracic and Cardiovascular Surgery. 14-17, June, 2006, Bordeaux, France.

1- Cikirikcioglu M, Christenson JC, Vala D, Buerge A, Didier D, Beghetti M, Jaeggi E, **Kalangos A**. Long-term outcome after surgery and interventional procedures for management of Takayasu's arteritis in children.

63- 33rd European Society or Artificial Organs Congress, 21-24, June, 2006, Umea, Sweden.

1- Pektok E, Osorio-da Cruz S, Cikirikcioglu M, Tatar T, Reuse J, Richard G, Deschenaux R, Lozano E, Nowicki B, **Kalangos A**, Walpoth BH. In vitro and in vivo testing of transit-time flow meters for the assessment of intraoperative cardiac output.

64- Berlin Heart, International User Meeting 13-15, October, 2006, Berlin , Germany.

1- Cikirikcioglu M, **Kalangos A.** Bridge to recovery or transplantation: A 10 years experience in Geneva.

65- Society of thoracic surgeons, annual meeting San Diego, 29-31 January 2007, USA

1- Christenson JT, Sierra J, Lahlaidi N, Beghetti M, **Kalangos A.** Right ventricular outflow tract reconstruction, what conduit to use ? Homograft or Contegra ?

66- 42nd Annual Meeting Association for European Paediatric Cardiology, 16-19, May, 2007, Warsaw, Poland.

1- Cikirikcioglu M, Sierra J, **Kalangos A.** Repair of congenital mitral valve anomalies in children: Long-term results in 52 cases.

67- 42nd Congress of the European Society for Surgical Research, 23-26, May, 2007, Rotterdam, Netherlands.

1- Cikirikcioglu M, Da Cruz SO, Pektok E, **Kalangos A,** Walpoth BH. Can transit time flow measurement predict intra-operative bypass failure?

68-13th world congress on heart disease International academy of cardiology Vancouver, 28-31 June 2007, Canada

1- Sierra J, Christenson JT, Lahlaidi N, **Kalangos A.** Bentall procedure using cryopreserved valved aortic homografts

69- 34th Annual Congress of Argentina Society of Cardiology, 17-19, August, 2007, Buenos Aires, Argentina.

1- Neirotti R, Cikirikcioglu M, **Kalangos A.** Valvular annuloplasties with biodegradable rings.

70- 34th Annual Congress of the European Society of Artificial Organs, 5-8, September, 2007, Krems, Austria.

1- Walpoth BH, Karaca S, Cikirikcioglu M, **Kalangos A.** Mitral annuloplasty with the biodegradable ring in the adults: Short term results.

2- Cikirikcioglu M, Pektok E, Sierra J, Panos A, Murith N, Khabiri E, **Kalangos A**. Ventricular assistance with Berlin Heart ventricular assist device: Analysis of 31 implantation

3- Mugnai D, Cikirikcioglu M, Tille JC, Pektok E, **Kalangos A**, Bowlin G, Walpoth BH. Experimental aortic replacement in a rat model with degradable synthetic vascular prosthesis: Angiographic results.

4- Pektok E, Cikirikcioglu M, Tille JC, **Kalangos A**, Walpoth BH. Effects of wetting of small-diameter ePTFE grafts by alcohol pretreatment on endothelialisation in a rat model.

5- Cikirikcioglu M, Pfister R, Pektok E, Tille JC, **Kalangos A**, Bowlin G, Walpoth Bh. Planimetric analysis of implanted electrospun PDS-PLA grafts in the rat systemic arterial circulation.

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1- Cikirikcioglu M, Pfister R, Pektok E, Tille J, **Kalangos A**, Bowlin G, Walpoth BH. Towards slow degradable polymer grafts: Testing of co-polymer PDS-PLA grafts in the systemic arterial circulation of the rat.

72- Pediatric Cardiology and Cardiac Surgery Meeting, 4-5. October. 2007, Brussels, Belgium.

1- Neirotti R, Cikirikcioglu M, **Kalangos A**. Valvuloplasties with biodegradable rings: Mid-term results.

73- 60th Annual Meeting of the Japanese Association of Thoracic Surgery. 17-20. October. 2007, Sendai, Japan.

1- Neirotti R, Cikirikcioglu M, **Kalangos A**. New technology. Valvuloplasties with biodegradable rings.

74- 2007 Annual Meeting of American Heart Association. 4-7, November, 2007, Orlando, USA.

1- Walpoth BH, Cikirikcioglu M, Mugnai D, Tille JC, Pektok E, Pfister R, Palombo D, **Kalangos A**, Bowlin G. Biodegradable small calibre polydioxanone-based vascular prostheses. Potential as coronary bypass grafts.

75- 3rd World Congress on Regenerative Medicine. 18-20, October, 2007, Leipzig, Germany.

1- Walpoth B, Jaconi M, Liu JW, Laumonier T, Menetrey J, Tille JC, Pektok E, Cikirikcioglu M, Cruz OS, **Kalangos A**. Feasibility of a new device for intraoperative laser and cell therapy in the pig heart.

76- Veith Symposium, 14-18, November, 2007, New York, USA.

1- Numan F, Arbatli H, Brudzewski W, Cikirikcioglu M, Pektok E, **Kalangos A**, Walpoth B. Stent grafting of the entire aortic arch using cerebral circulatory support and retrograde in situ fenestration: Technique and experimental evaluation.

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1-Right ventricular outflow tract reconstruction, what conduit to use ? Homograft or Contegra ? JT Christenson, J Sierra, N. Iahlaide, M. Beghetti, **A. Kalangos**

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3- Myers P, Aggoun Y, **Kalangos A**, Sierra J, Beghetti M, Tissot C. Tetralogy of fallot with absent pulmonary valve, total anomalous pulmonary venous connection and major systemic to pulmonary collateral artery

25- SWISS SOCIETY OF CARDIOLOGY –[Lausanne](#) 10-12 JUNE: 2010

I 1-Isolated non-Ebstein congenital tricuspid regurgitation: surgical anatomy and mid-term results

P.O. Myers, M. Cikirikcioglu, M. Beghetti, J. Sierra, Y. Aggoun, C. Tissot, **A. Kalangos**

2-Tetralogy of Fallot with absent pulmonary valve, total anomalous pulmonary venous connection and major systemic to pulmonary collateral artery

P.O. Myers, Y. Aggoun, **A. Kalangos**, J. Sierra, M. Beghetti, C. Tissot

3-Thoracoscopic and robotic tricuspid valve annuloplasty with absorbable ring: initial experience

A. Panos, P.O. Myers, **A. Kalangos**

4- Paclitaxel-eluting biodegradable coronary bypass grafts:

a step towards reduction of neointima formation?

Beat H. Walpoth, Francesco Innocente, Delia Mandracchia; Erman Pektok, Benjamin Nottelet, Jean-Christophe Tille, Sarra de Valence, **Afksendiyos Kalangos**, Robert Gurny, Michael Moeller

26- **SWISS SOCIETY OF SURGERY- Montreux_10-12 JUNE 2010**

1-The importance of an International Hypothermia Registry for improving the outcome of accidental hypothermia victims

Marie Meyer, Ebrahim Khabiri, Marc Licker, Yvan Gasche, Gerald Richard, **Afksendiyos Kalangos**, Beat H. Walpoth