

## Publications

### Published Refereed Papers

(original articles published in journals with peer review)

1. Valenta I, Landmesser U, **Schindler TH**.  
Vascular function of the peripheral and coronary circulation: Worthwhile to assess their relation?  
***J Nucl Cardiol 2011; 18(2):201-3. (Editorial) (IF 2010 = 2.81)***
2. Quercioli A, Pataky Z, Vincenti G, Makoundou V, Di Marzo V, Montecucco F, Carballo S, Thomas A, Staub C, Steffens S, Seimbille Y, Golay A, Ratib O, Harsch E, Mach, F, **Schindler TH**.  
Elevated Endocannabinoid Plasma Levels are Associated with Coronary Circulatory Dysfunction in Obesity.  
***Eur Heart J 2011 Jun;32(11):1369-78. Epub 2011 Feb 8. (IF 2010 = 9.8)***
3. Ghafarian P, Aghamiri S.M.R, Ay MR, Rahmim A, **Schindler TH**, Ratib O and Zaidi H "Is metal artifact reduction mandatory in cardiac PET/CT imaging in the presence of pacemaker and implantable cardioverter defibrillator leads?"  
***Eur J Nucl Med Mol Imaging 2011; Vol 38, No 2, pp 252-262. (IF = 5.04)***
4. **Schindler TH**, Quercioli A.  
Left Ventricular Dyssynchrony Assessment by Phase Analysis from Gated Myocardial Perfusion SPECT: Moving Beyond Conventional Criteria.  
***Heart 2011 Jan;97(1):4-5. (IF = 4.71)***
5. Vincenti GM, Quercioli A, Zaidi H, Nkoulou R, Dewarrat S, Rager O, Ambrosio G, Seimbille Y, Mach F, Ratib O, **Schindler TH**.  
Non-Invasive Evaluation of Myocardial Perfusion and Coronary Morphology with <sup>13</sup>N-Ammonia PET/CT: First Experience with Retrospective Gating and "ECG-pulsing" Low-Dose CT-Angiography  
***Nuklearmedizin 2010 Jul 22;49(5): 173-182 (IF 2009 = 1.86)***
6. Valenta I, Quercioli A, Vincenti GM, Nkoulou, Dewarrat S, Rager O, Zaidi H, Seimbille Y, Mach F, Ratib O, **Schindler TH**.  
Structural Epicardial Disease and Microvascular Function are Determinants of an Abnormal Longitudinal Myocardial Blood Flow Difference in cardiovascular Risk Individuals as Determined with PET/CT  
***J Nucl Cardiol 2010 ;17:1023–33. (IF 2009 = 2.8)***

7. Ghafarian P, Aghamiri S.M.R, Ay MR, Fallahi B, Rahmim A, **Schindler** TH, Ratib O, Zaidi H.  
Coronary calcium score scan-based attenuation correction in cardiovascular PET imaging.  
**Nucl Med Comm 2010 ;31(9):780-7. (IF = 1.32)**
  
8. **Schindler** TH, Schelbert HR, Quercioli A, Dilsizian V.  
Emerging Role of PET Imaging for the Identification and Monitoring of Coronary Artery Disease and Microvascular Health.  
**JACC Cardiovasc Img 2010; 3:623– 40 (IF = 5.53)**
  
9. Zissimopoulou S, Giannelli S, **Schindler** TH, Perrenoud J.J. Takotsubo cardiomyopathy associated with seizures in asymptomatic geriatric patient.  
**European Geriatric Medicine 2010 ; 1 :99-100**
  
10. **Schindler** TH.  
Adapting the contrast material protocol to the body surface area for an optimized low-dose CT coronary angiography with prospective ECG-triggering: A new evolving concept ?  
**Int J Cardiovasc Imaging 2010; 26(5):599-600.**  
(IF 2009 = 2.15)
  
11. **Schindler** TH, Cadenas J, Facta AD, Li Y, Olschewski M, Sayre J, Goldin J, Schelbert HR.  
Improvement in Coronary Endothelial Function is Independently Associated with a Slowed Progression of Coronary Artery Calcification in Type 2 Diabetes Mellitus  
**Eur Heart J. 2009 Dec;30(24):3064-73. Epub .**  
(IF 2009 = 9.8)
  
12. Vincenti GM, Nkoulou R, Steiner C, Imperiano H, Ambrosio G, Mach F, Ratib O, Vallee JP, **Schindler** TH.  
Non-invasive Stress Testing of Myocardial Perfusion Defects: Head-to-Head Comparison of Thallium-201 SPECT to MRI Perfusion  
**Journal of Nuclear Cardiology 2009; 16(4):549-61. Epub 2009 Jun 2.**  
(IF 2007 = 2.8)
  
13. **Schindler** TH, Campisi R, Dorsey D, Prior JO, Facta AD, Zhang XL, Sayre J, Schelbert HR.  
Beneficial Long-Term Effect of Hormone Replacement Therapy on Coronary Vasomotor Function in Postmenopausal Women with Medically-Treated Coronary Risk Factors.  
**Eur Heart J 2009; 30(8):978-86. Epub 2009 Feb 26**  
(IF 2009 = 9.8)
  
14. **Schindler** TH, Facta AD, Prior JO, Cadenas J, Zhang XL, Li Y, Sayre J, Goldin J, Schelbert HR.

Structural Alterations of the Coronary Arterial Wall Are Associated with Myocardial Flow Heterogeneity in Type 2 Diabetes Mellitus

***European Journal of Nuclear Medicine and Molecular Biology 2009;36(2):219-229.*** (Epub 2008 Aug 15).

(IF 2007 = 4.5)

15. Zhang XL, Liu XJ, Hu S, **Schindler** TH, Tian Y, He Z, Gao R, Sayre J, Wei H, Schelbert HR.

Long-term Survival of Patients with a Viable and a Non-viable Aneurysm Assessed by 99mTc-MIBI SPECT and 18F-FDG PET: a Comparative Study of Medical and Surgical Treatment.

***The Journal of Nuclear Medicine 2008; 49:1288–1298***

(IF 2008 = 5.9)

16. **Schindler** TH, Schelbert HR,

“Mismatch” in left-ventricular myocardial perfusion during exercise- and pharmacologic vasodilation: A new non-invasive marker of epicardial vasomotor dysfunction ?

***Journal of Nuclear Cardiology 2007;14(6):769-774.***

(IF 2006 = 2.44)

17. **Schindler** TH, Zhang XL, Vincenti GM, Mhiri L, Nkoulou R, Just H, Ratib O, Mach F, Dahlbom M, Schelbert HR.

Diagnostic Value of PET-Measured Heterogeneity in Myocardial Blood Flows during

CPT for the Identification of Coronary Vasomotor Dysfunction.

***Journal of Nuclear Cardiology 2007, 14:688-697***

(IF 2006 = 2.44)

18. **Schindler** TH, Zhang XL, Vincenti GM, Mhiri L, Lerch R, Schelbert HR.

Role of PET in the evaluation and understanding of coronary physiology.

***Journal of Nuclear Cardiology 2007, 14:589-603***

(IF 2006 = 2.44)

19. Kocher M, Daire JL, Thévenaz P, **Schindler** TH, Keller PF, Didier D, Vallée JP

Myocardial perfusion assessment by use of system identification method in a one-compartment model.

***IEEE Engineering in Medicine and Biology 2007; 1: 4492-5***

(IF = 0.940)

20. **Schindler** TH, Seimbille Y, Mhiri L, Nkoulou R, Lerch R, Ratib O, Mach F, Schelbert HR.

Myocardial Perfusion and Coronary Vasomotor Function: Emerging Role of PET Imaging.

***Vascular Disease Prevention 2007, 4:322-332***

(pas à saisir)

21. **Schindler** TH, Zhang XL, Cadenas J, Sayre J, Dahlbom M, Schelbert HR.  
Assessment of Intra- and Interobserver Reproducibility of Rest and Cold-Pressor-Test Stimulated Myocardial Blood Flow with <sup>13</sup>N-Ammonia and PET  
***European Journal of Nuclear Medicine and Molecular Biology* 2007;34:1178-1188. Epub 2007 Mar 3.**  
(IF 2006 = 4.041)
22. **Schindler** TH, Alvaro D Facta, Prior JO, Cadenas J, Quinones MJ, Hsueh WA, Schelbert HR  
Improvement of Coronary Microvascular Dysfunction in Type 2 Diabetic Patients Related to Euglycemic Control  
***Heart* 2007 Mar;93(3):345-9. Epub 2006 Aug 29.**  
(IF 2006 = 3.708)
23. Prior JO, **Schindler** TH, Facta AD, Hernandez-Pampaloni M, Campisi R, Dahlbom M, Schelbert HR.  
Determinants of Myocardial Blood Flow Response To Cold Pressor Testing and Pharmacologic Vasodilatation in Healthy Humans  
***European Journal of Nuclear Medicine and Molecular Biology* 2007 Jan;34(1):20-7. Epub 2006 Aug 11.**  
(IF 2006 = 4.041)
24. **Schindler** TH, Facta AD, Prior JO, Campisi R, Inubushi M, Kreissl MC, Zhang XL, Sayre J, Dahlbom M, Schelbert HR.  
PET-Measured Longitudinal Myocardial Blood Flow Heterogeneity to Sympathetic and Pharmacologic Stress As Non-Invasive Probe of Epicardial Vasomotor Dysfunction  
***European Journal of Nuclear Medicine and Molecular Biology* 2006 Oct;33(10):1140-9. Epub 2006 Apr 26.**  
(IF 2006 = 4.041)
25. Kreissl MC, Wu HM, Stout DB, Ladno W, **Schindler** TH, Zhang XL, Prior JO, Prins ML, Chatziioannou A, Huang SC, Schelbert HR  
Non-Invasive Measurement of Cardiovascular Function in Mice with Ultra-High Temporal Resolution Small Animal PET.  
***The Journal of Nuclear Medicine* 2006, 47(6):974-80**  
(IF 2006 = 4.986)
26. **Schindler** TH, Zhang XL, Schelbert HR.  
Non-invasive quantitative blood flow estimates by PET for the identification and characterization of coronary circulatory function.  
***Current Cardiology Review* May 2006; Vol. 2, No. 2: 89-99**  
(pas à saisir)

27. **Schindler** TH, Cadenas J, Facta AD, Prior JO, Kreissl M, Zhang XL, Sayre J, Dahlbom M, Julio Licinio, Schelbert HR.  
Relationship Between Increasing Body Weight, Insulin Resistance, Inflammation, Adipocytokine Leptin, and Coronary Circulatory Function  
***Journal of The American College of Cardiology* 2006;47:1188-1195**  
(IF 2006 = 9.701)
28. **Schindler** TH, Nitzsche EU, Schelbert HR, Olschewski M, Sayre, Mix M, Brink I, Zhang X-L, Kreissl M, Magosaki M, Just H, Solzbach U.  
PET-Measured Abnormal Responses of Myocardial Blood Flow to Sympathetic Stimulation are Associated with the Risk of Developing Cardiovascular Events.  
***Journal of The American College of Cardiology* 2005; 45 (9): 1505-1512**  
(IF 2005 = 9.200)
29. **Schindler** TH , Nitzsche EU, Olschewski M, Magosaki N, Mix M, Prior JO,Facta AD, Solzbach U, Just H, Schelbert HR  
Chronic Inflammation and Abnormal Coronary Vasomotion.  
***Circulation* 2004; 110:1069-1075**  
(IF 2004 = 12.563)
30. Prior JO, Quiñones MJ, Hernandez-Pampaloni M, Facta AD, **Schindler** TH, Sayre JW, Hsueh WA, Schelbert HR. Coronary Circulatory Dysfunction in Insulin Resistance, Impaired Glucose Tolerance and Type 2 Diabetes  
***Circulation* 2005;111:2291-2298**  
(IF 2005 = 11.632)
31. **Schindler** TH, Nitzsche EU, Muenzel T, Brink I, Jeserich M, Olschewski M, Buser PT, Matthias Pfisterer M, Solzbach U, Just H.  
Coronary Vasoregulation in Patients with Various Risk Factors in Response to Cold Pressor Testing: - Contrasting Myocardial Blood Flow Responses to Short- and Long-Term Vitamin C Administration -  
***Journal of The American College of Cardiology* 2003;42(5):814-822**  
(IF 2003 = 7.599)
32. **Schindler** TH, Hornig B, Buser PT, Olschewski M, Magosaki N, Nitzsche E, Pfisterer M, Solzbach U, Just H.  
Prognostic Value of Abnormal Vasoreactivity of Epicardial Coronary Arteries to Sympathetic Stimulation in Patients with Normal Coronary Angiograms  
***Arterioscler Thromb Vasc Biol* 2003; 23:495-501**  
(IF 2003 = 6.971)
33. **Schindler** TH, Nitzsche EU, M Olschewski, I Brink, M Mix, JO Prior, A Facta, M Inubushi, H Just, HR Schelbert.

PET-measured Responses in Myocardial Blood Flow to Cold Pressor Testing Correlate with Indices of Coronary Vasomotion on Quantitative Angiography.

***The Journal of Nuclear Medicine* 2004;45: 419-428**

(IF 2004 = 5.362)

34. Jeserich M, **Schindler** TH, Unmüssig M, Olschewski M, Solzbach U, Just H.  
Vitamin C improves cold pressor test-induced vasoconstriction of epicardial coronary arteries in hypercholesterolemic and hypertensive patients.

***European Heart Journal* 1999;20:1676-1680**

(IF 2006 = 7.286)

35. **Schindler** TH, Nitzsche E, Magosaki N, Brink I, Mix M, Olschewski M, Solzbach U, Just H.

Regional Myocardial Perfusion Defects during Exercise as assessed by 3D Integration of Morphology and Function in Relation to Abnormal Endothelial-Dependent Vasomotion of Coronary Microcirculation"

***Heart* 2002;89:527-530**

(IF 2002 = 2.791)

36. **Schindler** TH, Magosaki N, Jeserich M, Olschewski M, Nitzsche E, Holubarsch C, Solzbach U, Just H.

Effect of Ascorbic Acid on Endothelial Dysfunction of Epicardial Coronary Arteries in Chronic Smokers assessed by Cold Pressor Testing.

***Cardiology* 2000;94:239-246.**

(IF 2006 = 1.795)

37. **Schindler** TH, Lewandowski E, Olschewski M., Hasler K, Solzbach U, Just H.

Wirkung von Vitamin C auf die Thrombozytenaggregation bei Rauchern und Nichtrauchern.

***Medizinische Klinik* 2002;97:263-269**

(IF 2006 = 0.365)

### **3D Cardiac Imaging**

38. **Schindler** TH, Magosaki N, Jeserich M, Oser U, Krause T, Fischer R, Moser E, Nitzsche E, Just H, Solzbach U.

Fusion Imaging - Combined 3D Visualization of 3D Reconstructed Coronary Artery Tree and 3D Myocardial Scintigraphic Image in Coronary Artery Disease.

***The International Journal of Cardiac Imaging* 1999;15(5):357-368**

**(Editorial: 369-370)**

(IF 2006 = 1.119)

39. **Schindler** TH, Magosaki N, Jeserich M, Nitzsche E, Oser U, Abdollahnia M, Nageleisen M, Just H, Solzbach U.

Fusion Imaging - Combined 3D Visualization of Epicardial Coronary Arteries and Regional Perfusion Parameters from Digital Coronary Angiograms.

***The International Journal of Cardiac Imaging* 2000;16(1):1-12**  
(IF 2006 = 1.119)

40. **Schindler** TH, Magosaki N, Oser U, Solzbach U, Just H.  
A New Processing Technique for a Combined 3D Display of Myocardial Perfusion Parameter and Reconstructed Coronary Artery Tree from Digital Data of Coronary Angiograms.  
***IEEE Comput Cardiol* 1999, V 26:655-658**  
(pas à saisir)
41. Magosaki N, **Schindler** TH, Fischer R, Krause T, Nitzsche E, Moser E, Just H.  
Integration of Coronary Anatomy, Perfusion and Metabolism: Three-Dimensional Image Fusion of Coronary Angiography and Nuclear Cardiac Imaging.  
***IEEE Comput Cardiol* 1999, V 26:615-618**  
(pas à saisir)
42. **Schindler** TH, Nitzsche EU, Magosaki N, Mix M, Facta AD, Prior JO, Solzbach U, Schelbert, HR, Just H .  
Myocardial Viability in Patients with Ischemic Cardiomyopathy- Evaluation by 3D Integration of Coronary Angiographic Data and Myocardial Scintigraphic Data.  
***Journal of Molecular Imaging and Biology* 2004: 6(3):160-171**  
(pas à saisir)
43. **Schindler** TH, Magosaki N, Jeserich M, Krause T, Fischer R, Moser E, Nitzsche E, Just, H Solzbach U.  
Neue Entwicklungen in der Diagnostik der koronaren Herzkrankheit: 3D Fusionsbild  
***Zeitschrift für Kardiologie* 2000;89:338-348**  
(IF 2000= 0.764)
44. Brink I, Schumacher T, Talazko J, Reuland P, Mix M, **Schindler** TH, Moser E, Nitzsche E.  
3D-Cardiac-PET: A Recommendable Clinical Alternative to 2D-Cardiac-PET?  
***Clinical Positron Imaging* 1999; Vol. 2. No. 4:191-196**  
(pas à saisir)
45. Brink I, Nitzsche EU, Mix M, **Schindler** TH, Hentschel M, Högerle S, Moser E.  
Optimaler Akquisitionszeitpunkt für die myokardiale Vitalitätsdiagnostik mit <sup>18</sup>F-FDG in statischen PET Aufnahmen nach oraler Belastung.  
***Nuklearmedizin* 2003;42(1):39-44**  
(IF 2000= 1.849)
46. **Schindler** TH, Bremerich J, Grädel Ch, Pfisterer M, Bongartz G, Buser PT.

Cardiac Lipoma in the Interventricular Septum: Evaluation by Magnetic Resonance Imaging

**European Working Group Cases 2002;** [www.cmr-academy.com](http://www.cmr-academy.com)  
([www.escardio.org/wg26/case\\_study/2002/case01](http://www.escardio.org/wg26/case_study/2002/case01)) (peer review)

*(pas à saisir)*

47. Saborowski O, **Schindler** TH, Bremerich J.

Intramurales Haematom der Aorta mit Progression in eine Stanford-A-Dissektion.

**Rofo Fortschr Geb Rontgenstr Neuen Bildgeb Verfahr 2004;176(5):766-767**

*(IF 2000= 1.767)*

Published Contributions to Collective Book Chapters / Invited Commentaries and Reviews:

1. **Schindler TH**, Valenta I, Dilsizian V.  
PET Assessment of Myocardial Perfusion.  
***In Dilsizian V, Pohost GM: Cardiac CT, PET and MR***  
(2<sup>nd</sup> Edition, Blackwell, Oxford 2010, pages: 95-117)
2. **Schindler TH**, Valenta I, Schelbert HR  
Measurement of Myocardial Blood Flow and Monitoring Therapy.  
***In Zaret BL, Beller GA: Nuclear Cardiology – State of The Art and Future Directions.***  
(3<sup>rd</sup> Edition, Mosby, Philadelphia 2010, pages: 506-527)
3. **Schindler TH**, Schelbert HR.  
Quantification of Myocardial Blood Flow.  
***In Dilsizian V, Narula J, Braunwald E: Nuclear Cardiology***  
(*Current Medicine, Philadelphia 2009*)
4. **Schindler TH**, Schelbert HR  
Measurement of Myocardial Blood Flow and Monitoring Therapy.  
***In Zaret BL, Beller GA: Nuclear Cardiology – State of The Art and Future Directions.***  
(3<sup>rd</sup> Edition, Mosby, Philadelphia 2005)
5. Schelbert HR, **Schindler TH**  
The Role of Positron Emission Tomography (chapter 64: 935-953)  
***In Fuster V, Ross R, Topol EJ: Atherothrombosis and Coronary Artery Disease.***  
(Second Edition, Lippincott-Raven, Baltimore 2005)
6. Delbeke D, **Schindler TH**, Townsend D, Kauffmann PA, von Schulthess GK, Schelbert HR.  
Advance Cardiac Applications for PET and PET/CT.  
***In Joao V. Vitola and Dominique Delbeke: Nuclear Cardiology and Correlative Imaging. A Teaching File.***  
(Springer Verlag , New York 2003)
7. **Schindler TH**, Schelbert HR.  
Quantification of Myocardial Blood Flow.  
***In Dilsizian V, Narula J, Braunwald E: Nuclear Cardiology***  
(*Current Medicine, Philadelphia 2006*)
8. **Schindler TH**, Schelbert HR, Just H.  
Abnormal Vasoreactivity of Epicardial Coronary Arteries in Patients with Normal Coronary Angiograms: A Determinant of Atherosclerotic Risk ?

**International Atherosclerosis Society (IAS) 2003 April, editorial: 1-4.**  
[www.athero.org/commentaries/comm168.asp](http://www.athero.org/commentaries/comm168.asp)

9. **Schindler** TH, Magosaki N, Schirp U, Olschewski M, Müller J, Pfisterer M, Buser PT, Nitzsche E.  
Effect of Long Term Ascorbic Acid Supplementation on Endothelial Dysfunction of Coronary Microcirculation in Patients with Risk Factors for Atherosclerosis.  
**2<sup>nd</sup> International Congress on Heart Disease (Washington DC,21-24 July),  
Proceeding Book 2001: 89-93**
10. **Schindler** TH, Nitzsche E, Olschewski M, Pfisterer M, Buser PT, Magosaki N, Just H.  
Vitamin C Improves Endothelial Dysfunction of Epicardial Coronary Arteries in chronic Smokers.  
**2<sup>nd</sup> International Congress on Heart Disease (Washington DC,21-24 July),  
Proceeding Book 2001: 95-98**
11. **Schindler** TH, Buser PT, Magosaki N, Olschewski M, Müller J, Pfisterer M, Just H, Nitzsche E.  
Does Ascorbic Acid Supplementation Improve Endothelial Dysfunction of Coronary Microcirculation in Patients with Risk Factors for Atherosclerosis in Long-Term ?  
**4<sup>nd</sup> International Congress on Coronary Artery Disease (Prag,21-24 October),  
Proceeding Book 2001: 253-258**
12. **Schindler** TH, Nitzsche E, Magosaki N, Olschewski M, Buser PT, Pfisterer M, Just H.  
Effect of Ascorbic Acid on Endothelial Dysfunction of Epicardial Coronary Artery in Chronic Smokers.  
**4<sup>nd</sup> International Congress on Coronary Artery Disease (Prag,21-24 October),  
Proceeding Book 2001: 259-263**
13. **Schindler** TH, Buser PT, Schirp U, Olschewski M, Müller J, Magosaki N, Pfisterer M , Just H, Nitzsche EU.  
Endothelial-Dependent Microvascular Dysfunction Related to Scintigraphic Myocardial Perfusion Defects  
**8<sup>nd</sup> World Congress on Heart Failure (Washington DC,13-16 July), Advances in Heart Failure; Proceeding Book 2002:95-98.**

## Commentaries

1. **Schindler TH.**  
PET imaging detects early, « silent heart » stage of disease in asymptomatic diabetic patients.  
***Society of Nuclear Medicine's 55nd Annul Meeting (New Orleans, June 16th) 2008; press release, society news***
2. **Schindler TH.**  
PET scans reveal hormone replacement therapy may be beneficial for postmenopausal women.  
***Society of Nuclear Medicine's 55nd Annul Meeting (New Orleans, June 16th) 2008; press release, society news***
3. **Schindler TH, Lerch R.**  
Positron-Emission-Tomography (PET): estimation de la viabilité du myocarde  
***Hôpitaux Universitaires de Genève (HUG), Service de Cardiologie, Cardiologie Nucléaire, Directives Imagerie Cardiac. 2007***  
[www.cardiology-geneva.ch/dirgen/](http://www.cardiology-geneva.ch/dirgen/)
4. **Schindler TH, Lerch R.**  
Multidetector-Row Spiral Computed Tomography (MDCT) et PET dans l'évaluation de la maladie coronarienne  
***Hôpitaux Universitaires de Genève (HUG), Service de Cardiologie, Cardiologie Nucléaire, Directives Imagerie Cardiac. 2007***  
[www.cardiology-geneva.ch/dirgen/](http://www.cardiology-geneva.ch/dirgen/)
5. **Schindler TH**  
PET Probes Heart in Obesity  
***Diagnostic Imaging 2005 (August):13-15***
6. **Schindler TH**  
Obesity Is Associated With an Impairment of Coronary Circulatory Function.  
***Society of Nuclear Medicine's 52nd Annul Meeting (Toronto, June 18–22th) 2005; press release, society news)2005: 1-2***
7. **Schindler TH**  
Beneficial effect of Vitamin C Supplementation on Heart Vessels in Long-Term.  
***The European Society of Cardiology – XXIII Congress (Stockholm, 1-5 September; Press Release, Cardio News) 2001: 1-3***  
( [www.esccardio.org/VPO/release.htm](http://www.esccardio.org/VPO/release.htm) )
8. **Schindler TH, Magosaki N, Jeserich M, Krause T, Fischer R, Nitzsche E, Moser E, Zehender M, Solzbach U, Just H.**

3D-Fusionsbild: Kombinierte 3D-Darstellung der epikardialen Herzkranzgefäße und der regionalen myokardialen Perfusion bei koronarer Herzkrankheit.

**Cardio News 4/1999, 2. Jhg. S.51**

9. Nitzsche E, **Schindler** TH, Holubarsch C, Beyersdorf F, Just H.  
Positronen-Emissions-Tomographie (PET) in der kardiovaskulären Diagnostik.  
**Kardiologie aktuell 1999; 23: 13-14**

## · Invited Presentations

### 2011

1. Young Investigator Award Session: Basic and Clinical Cardiovascular Research  
**6 June 2011, Society of Nuclear Medicine's 58th Annual Meeting, San Antonio, Texas, USA (Faculty), (Chair, and session organizer)**
2. 18F-FDG PET/CT imaging in cardiovascular disease: Myocardial Viability Imaging with PET/CT: Comparison to CMR  
**6 June 2011, Society of Nuclear Medicine's 58th Annual Meeting, San Antonio, Texas, USA (Faculty)  
(Chair, session organizer, and presenter)**
3. Possible role of elevated endocannabinoids in mediating coronary circulatory dysfunction in obesity  
**04.05.2011; EGIR (European Group for the Study of Insulin Resistance) Annual Meeting 2011, Geneva, Switzerland**
4. Strong and weak points of nuclear cardiology, cardiac MRI, and CT-Coronary angiography in identifying CAD.  
**15.04.2011; 1st Molecular and Clinical Cardiovascular Imaging Symposium Geneva. (Chair and session organizer)**
5. Contributions of cardiac PET/CT imaging in the evaluation and understanding of coronary pathophysiology  
**15.04.2011; 1st Molecular and Clinical Cardiovascular Imaging Symposium Geneva. (Chair and session organizer)**
6. How to reduce radiation burden in cardiac PET imaging.  
**29.03.2011; Brainstorm Meeting of the ESC working group of nuclear cardiology and cardiac CT, Kitzbühel, Austria.**
7. Points forts et faiblesse de la cardiologie nucléaire, IRM cardiaque et CT-coronaire dans la détection de la maladie coronarienne.  
**13.01.2011 ; Le colloque multidisciplinaire de Cardiologie, Chirurgie cardiovasculaire et Cardiopédiatrie, Hôpitaux Universitaires de Genève (HUG).**

## **2010**

1. Myocardial Perfusion Imaging- State of the Art: Positron Emission Tomography  
**30 august 2010, Annual meeting of the European Society of Cardiology (ESC), Stockholm, Sweden. (Faculty)**
2. Role of PET/CT in the Identification and Characterization of the CAD Process.  
**22 june 2010, 11<sup>th</sup> National Symposium of the Chinese Society of Nuclear Cardiology. Ychang, China.**
3. Cardiovascular Council Young Investigator Award Symposium  
**6 June 2010, Society of Nuclear Medicine's 57nd Annul Meeting, Salt Lake City, Utah, USA (Faculty)**  
**(Chair and session organizer)**
4. Multimodality Imaging of Myocardial Viability: Strengths and weaknesses of Myocardial Viability Imaging with PET and CMR  
**6 June 2010, Society of Nuclear Medicine's 57nd Annul Meeting, Salt Lake City, Utah, USA (Faculty)**  
**(Chair, session organizer, and presenter)**
3. Cardiovascular Basic PET Quantification and Modeling  
**8 June 2010, Society of Nuclear Medicine's 57nd Annul Meeting, Salt Lake City, Utah, USA (Faculty)**  
**(Chair, and session organizer)**
4. Cardiovascular Council Young Investigator Poster Price Symposium  
**8 June 2010, Society of Nuclear Medicine's 57nd Annul Meeting, Salt Lake City, Utah, USA (Faculty)**  
**(Chair and session organizer)**
5. Role of PET/CT in the Identification and Characterization of subclinical and clinically manifest CAD  
**12 april 2010, Grand Rounds Lectures, University of Essen, Germany**
6. Non-Invasive Quantification of Cardiac Blood Flow: Prognosis of Absolute Myocardial Blood Flow Assessment  
**15 march 2010, 59<sup>th</sup> annual meeting of the American College of Cardiology (ACC), Atlanta, USA. (Faculty)**

## **2009**

1. Diagnosis and characterisation of CAD by PET/CT  
**22<sup>th</sup> July, 2009: Grand Rounds Lectures in Nuclear Medecine, University of Freiburg, Germany**
2. Strength and weaknesses of myocardial viability imaging with SPECT, PET, and CMR.  
**14 June 2009, Society of Nuclear Medicine's 56nd Annul Meeting, Toronto, Canada. (Faculty)**  
**(Chair and session organizer: Viability: SPECT, PET, CMR: Promises and Pitfalls, RWE)**
3. Nuclear techniques in the assessment of the heart failure patient: looking beyond viability.  
**15 June 2009, Society of Nuclear Medicine's 56nd Annul Meeting, Toronto, Canada. (Faculty)**  
**(Chair and session organizer)**
4. Cardiovascular Clinical Moderated Poster Session  
**15 June 2009, Society of Nuclear Medicine's 56nd Annul Meeting, Toronto, Canada. (Faculty)**  
**(Chair and organizer)**
5. Chronic stable CAD: How to use nuclear and CT for decision-making in patient managment.  
**11 may 2009, International Congress of Nuclear Cardiology (ICNC), Barcelona, , Spain. (Faculty)**
6. PET for myocardial perfusion: protocols and quantification.  
**11 may 2009, International Congress of Nuclear Cardiology (ICNC), Barcelona, Spain. (Faculty)**
7. Myocardial perfusion scintigraphy: Advancing from SPECT to PET imaging.  
**23th April 2009, 17<sup>th</sup> meeting of the International Society for Magnetic Resonance Imaging in Medecine (ISMRM), Honolulu, Hawaii, USA. (Faculty)**
8. Diagnostic and prognostic value of endothelial function assessed by positron emission tomography.  
**31 march 2009, Emerging noninvasive techniques in vascular imaging. 58<sup>th</sup> annual meeting of the American College of Cardiology (ACC), Orlando, USA. (Faculty)**
9. Place du PET/CT dans la detection de la maladie coronarienne.

**7 Janvier 2009, Colloques Multidisciplinaires, Service de Cardiologie, Hôpitaux Universitaires de Genève (HUG), Genève, Suisse.**

## **2008**

10. Cardiac PET/CT for the non-invasive identification and characterization of obstructive and early stages of the coronary artery disease process.  
**Novembre 27<sup>th</sup> , 2008: Grand Rounds Lectures in Cardiology, University of Graz, Austria**
11. Evaluation of myocardial viability with PET  
**June 15<sup>th</sup> 2008, Society of Nuclear Medicine's 55nd Annul Meeting, New Orleans, USA. (Faculty)**
12. Suivi du patient avec chimiothérapie: rôle d' imagerie cardiaque  
**8 mai 2008, 15<sup>ème</sup> Journée Romande d'Echocardiographie : Affections du Myocarde, Genève, Suisse.**
13. Imagerie cardiovasculaire. Quel examen à choisir ?  
**3 avril 2008, 22é Journée Romande de Cardiologie, Genève, Suisse**

## **2007**

14. PET imaging for the non-invasive identification and characterization of coronary circulatory dysfunction and its therapeutic intervention.  
**December 13<sup>th</sup>, 2007: CardioVascular Biology Seminar Series, University of Geneva, Switzerland**
15. From Function to Structure in Coronary Artery Disease: Role of Multimodality Imaging ?  
**November 22<sup>th</sup>, 2007: Invitation to the W3-Professorship for "Technology and Imaging" tenure application of the EIMI (European Institute of Molecular Imaging) of the University of Muenster, Germany.**
16. Dans le diagnostic de la maladie coronarienne «Quo vadis»?  
**3 octobre 2007. Colloque du Département de Médecine interne ; HUG, Genève, Suisse.**
17. PET/CT in the diagnosis of coronary artery disease.  
**June 28<sup>th</sup>; 2007: Inaugural Symposium of PET/CT at the University Hospital Basel, Switzerland.**
18. PET/CT et imagerie cardiovasculaire dans le diagnostic de la maladie coronarienne chez le patient diabétique.

**7 juin, 2007 : 1<sup>er</sup> symposium interactif coeur diabète : le patient diabétique prise en charge de la maladie coronarienne. Hôpitaux Universitaires de Genève (HUG), Genève, Suisse.**

## **2006**

19. PET in understanding coronary risk factors of coronary artery disease  
**November 8<sup>th</sup> , 2006: PET and PET-CT en Cardiologie, University of Geneva, Switzerland**
20. PET imaging for the non-invasive identification and characterization of coronary circulatory dysfunction and its therapeutic intervention.  
**August 31<sup>th</sup> , 2006: Grand Rounds Lectures in Cardiology, University of Geneva, Switzerland**
21. Identification and Characterization of Coronary Circulatory Function by Means of PET imaging and its Therapeutic Intervention.  
**January 7<sup>th</sup> 2006: Grand Rounds Lectures in Cardiology, Yale University, New Haven, Connecticut**
22. Endothelial dysfunction as early functional stage and mediator of coronary heart disease – noninvasive identification and characterization by means of positron emission tomography. (Part I)  
Increasing body weight/insulin resistance is associated with a progressive worsening of coronary circulatory function - role of the adipocytokin leptin. (Part II)  
**July 7<sup>th</sup>, 2006 Invitation to the Lancier-tenure application of the Medical Faculty of the University of Muenster (Germany).**

## **2005**

23. Quantitative assessment of myocardial blood flow by means of PET imaging to non-invasively identify and characterize coronary circulatory function.  
**May 5<sup>th</sup>,2005: Seminars of the Heart Center of the University of Mainz (Germany)**
24. Identification and characterization of impaired coronary circulatory function and its medical intervention by means of PET imaging  
**May 3<sup>th</sup>,2005: Grand Round Lectures in Cardiology, University of Frankfurt (Germany)**
25. Non-Invasive quantitative blood flow estimates by PET for the identification and characterization of abnormal coronary circulatory function and its responses to medical intervention.

***April 8<sup>th</sup>, 2005: David Geffen School of Medicine at UCLA, Grand Round Lectures in Cardiology***

26. Non-invasive quantitative blood flow estimates by PET for the identification and characterization of coronary circulatory function.  
***February 2<sup>th</sup>, 2005. Seminars of the Heart Center of the University of Goettingen (Germany)***

**2003 and before**

27. Myocardial Perfusion Imaging and Non-Invasive Assessment of Alterations in Coronary Vasomotor Function.  
***September 7<sup>th</sup>, 2003, Mexican Society of Cardiology and Nuclear Medicine, 1<sup>st</sup> Annual Meeting, Mexico City, Mexico (Plenary Session)***
28. Myocardial Viability: Contribution of Positron-Emission-Tomography (PET)  
***September 7<sup>th</sup>, 2003, Mexican Society of Cardiology and Nuclear Medicine, 1<sup>st</sup> Annual Meeting, Mexico City, Mexico (Plenary Session)***
29. Endothelial Dysfunction  
***14.02.2001; Grand Rounds in Internal Medicine and Cardiology, University Hospital Basel, Kantonsspital, Basel (Switzerland)***
30. Endothelial Dysfunction of the Coronary Vessels: Pathogenesis, Diagnosis and Therapy.  
***14.02.01; Suisse Educational Lecture: Border Areas in Nuclear Medicine, University of Basel, Kantonsspital, Basel (Switzerland)***
31. Fusion Imaging for Interventional Coronary Procedures and Monitoring in Coronary Artery Disease.  
***22.01.99; 2. Workshop of the Medical Faculty and the Faculty for Applied Science, University Freiburg (Germany)***
32. New Developments in the Diagnosis and Therapy of Coronary Artery Disease: 3D Fusion Imaging.  
***02.02.99; Freiburger Medical Society, University Freiburg (Germany)***
33. Endothelial Dysfunction of the Coronary Circulation: Etiology, Pathogenesis and its Medical Intervention  
***13.07.2000; Grand-Rounds in Cardiology / University Hospital Lahr, University Freiburg (Germany)***
34. Coronary Endothelial Dysfunction and its Responses to Intervention with Antioxidants  
***23.08.2000; Grands Rounds in Nephrology / University Freiburg (Germany)***

35. Digital Cardiac Fusion Imaging- Combined Display of Epicardial Arteries and Scintigraphic Myocardial Perfusion in Patients with Coronary Artery Disease.  
**12.10.2001; Symposium of the Center of Clinical Research II: Cardiovascular Disease-Analysis and Integration of form and Function“ at the Albert-Ludwig-University Freiburg (Project-Sch-A1) (In concert with Professor U. Solzbach)**
36. Effect of Antioxidant Intervention on Endothelium-Related Myocardial Perfusion  
**12.10.2001; Symposium of the Center of Clinical Research II: Cardiovascular Disease-Analysis and Integration of form and Function“ at the Albert-Ludwig-University Freiburg (Project-Sch-A2). (In concert with Professor EU Nitzsche)**

· **Published Abstracts**

**Abstracts (international and national):** 163  
**Talk Presentations** : 108  
**Posters** : 55

Place, date:

Geneva, 18.08.2011

Signature:

A handwritten signature in blue ink, appearing to read 'Dr. U. Solzbach', is written over a horizontal line. The signature is cursive and somewhat stylized.