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Publications last 5 years (2011-2016)

A) Peer reviewed: 314 Original Contributions

187 as first or last author

- Uthoff H, Breidhardt T, KLima T, Aschwanden M, Arenja N, Socrates T, Heinisch C, Noveanu M, Frischknecht B, Baumann U, Jaeger KA, **Mueller C**.
130. Central venous pressure and impaired renal function in patients with acute heart failure.
Eur J Heart Fail 2011; Apr;13(4):432-9. Epub 2010 Nov 18.
Impact Factor **6.526**, Cardiac & Cardiovascular Systems, Rank 7.
Breidhardt T, Socrates T, Noveanu M, Klima T, Heinisch C, Reichlin T, Potocki M, Nowak A, Tschung C, Arenja N, Bingisser R, **Mueller C**.
131. Impact and Clinical Prediction of Worsening Renal Function in Acute Decompensated Heart Failure.
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Impact Factor **3.276**, Cardiac & Cardiovascular Systems, Rank 12.
- Noveanu M, Pargger H, Breidhardt T, Reichlin T, Schindler C, Heise A, Schoenenberger R, Manndorff P, Siegemund M, Mebazaa A, Marsch S, **Mueller C**.
132. Use of B-Type Natriuretic Peptide in the Management of Hypoxemic Respiratory Failure.
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- Noveanu M, Breidhardt T, Potocki M, Reichlin T, Socrates T, Arenja N, Reiter M, Twerenbold R, Meissner J, Heinisch C, Stalder S, **Mueller C**.
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Impact Factor **4.476**, Critical Care Medicine, Rank 3.
- Lam LL, Cameron PA, Schneider HG, Abramson MJ, **Mueller C**, Krum H. Meta-analysis: Effect On Clinical Outcomes Of B-type Natriuretic Peptide Testing In Patients With Acute Dyspnea In The Emergency Setting.
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137. Diercks D, Collins S, Hiestand B, Kirk J, Kontos M, Mueller C, Maisel A, Peacock W. Disparity Of Care In The Acute Treatment Of Patients With Heart Failure
Acad Emerg Med 2011Jan;18(1):15-21. doi: 10.1111/j.1553-2712.2010.00950.x.
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138. Meissner M, Irfan A, Twerenbold R, Mueller S, Reiter M, Haaf P, Reichlin T, Schaub N, Winkler K, Pfister O, Heinisch C, **Mueller C.**
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Impact Factor **6.063**, Medicine, General & Internal, Rank 10.
139. Haaf P, Reichlin T, Corson N, Twerenbold R, Reiter M, Steuer S, Bassetti S, Winkler K, Stelzig S, Heinisch H, Drexler B, Freidank H, **Mueller C.**
B-type Natriuretic Peptide in the Early Diagnosis and Risk Stratification of Acute Chest Pain.
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141. Meissner M, Naef H, Darga J, Kovacs M, Weber M, Hamm C, Möllmann H, Twerenbold R, Reiter M, Heinisch C, Stelzig C, Reichlin T, **Mueller C.**
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144. Haaf P, Balmelli C, Reichlin T, Twerenbold R, Reiter M, Meissner J, Schaub N, Stelzig C, Freese M, Paniz P, Meune C, Drexler B, Freidank H, Winkler K, Hochholzer W, **Mueller C.**
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147. Breidhardt T, Kalbermatter S, Socrates T, Noveanu M, Klima T, Mebazaa A, **Mueller C**, Kiss D. Increasing B-Type Natriuretic Peptide Levels Predict Mortality in Unselected Hemodialysis Patients *Eur J Heart Fail* 2011, May 30. [Epub ahead of print]. Impact Factor **6.526**, Cardiac & Cardiovascular Systems, Rank 7.
148. Breidhardt T, Christ-Crain M, Stolz D, Bingisser R, Drexler B, Klima T, Balmelli C, Schütz P, Haaf P, Schärer M, Tamm M, Müller B, **Mueller C**. A Combined Cardiorenal Assessment for the Prediction of Acute Kidney Injury in Lower Respiratory Tract Infections *Am J Med* 2012; Feb;125(2):168-75. Impact Factor **5.003**, Medicine, General & Internal, Rank 10.
149. Burri E, Potocki M, Drexler B, Schuetz P, Mebazaa A, Ahlfeld U, Balmelli C, Heinisch C, Noveanu M, Breidhardt T, Schaub N, Reichlin T, **Mueller C**. Value of arterial blood gas analysis in patients with acute dyspnea: an observational study. *Critical Care* 2011; Jun 9;15(3):R145. [Epub ahead of print] Impact Factor **4.476**, Critical Care Medicine, Rank 3.
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J Am Coll Cardiol 2011; Aug 30;58(10):1057-67.
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153. Maisel A, Xue Y, Shah K, **Mueller C**, Nowak R, Peacock WF, Ponikowski P, Mockel M, Hogan C, Wu AH, Richards M, Clopton P, Filippatos GS, Di Somma S, Anand I, Ng L, Daniels LB, Neath SX, Christenson R, Potocki M, McCord J, Terracciano G, Kremastinos D, Hartmann O, von Haehling S, Bergmann A, Morgenthaler NG, Anker SD.
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156. Arenja N, Bredithardt T, Socrates T, Schindler C, Heinisch C, Tschung C, Potocki M, Gualandro D, **Mueller C**.
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Book Chapters:

- 4) Arenja N, Socrates T, **Mueller C.** Acute Dyspnoea. The ESC Textbook of Intensive and Acute Cardiac Care. Oxford University Press 2011. Chapter 7.
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- 7) **Mueller C.** Acute Dyspnoea. The ESC Textbook of Intensive and Acute Cardiac Care. Oxford University Press 2015. Chapter 9.
- 8) **Mueller C.** Other Biomarkers and the Evaluation of Patients With Suspected Myocardial Acute Myocardial Infarction. in Morrow: Myocardial Infarction A Companion to Braunwald's Heart Disease, 1e. Chapter 8.

Oral contributions to international conferences:

15-20 oral presentation per year, including Annual meeting of the European Society of Cardiology, Annual meeting of the Heart Failure Association, Annual meeting of the Acute Cardiovascular Care Association, IFCC Meeting, GREAT Meeting, Management of Cardiovascular Disease, Innsbruck

Outreach activities:

15-20 knowledge transfer activities per year including webinars and presentations at local, national, and international meetings.

Founder and Head of the Cardiovascular Research Institute Basel (CRIB), which allows 10-15 young physicians and 7-8 medical students each year to get insights to clinical research and often also get attracted to clinical research.

General contributions to science:

Founder and Vice-President of the Global Research in Acute Conditions (GREAT) Network, a Science network created to advance the research in acute conditions. Its deliverables include a research training program for research fellows and big data collaborations among researchers worldwide. E.g. within the GREAT network we have been able to assemble the largest data set on acute heart failure.