

Lehrstuhl für Innere Medizin II

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- Arlt M, Philipp A, Voelkel S, Rupprecht L, **Mueller T**, Hilker M, Graf BM, Schmid C (2010). Extracorporeal membrane oxygenation in severe trauma patients with bleeding shock. *Resuscitation* 81: 804-9. (4,177)
- **Arzt M**, Young T, Peppard PE, Finn L, Ryan CM, Bayley M, Bradley TD (2010). Dissociation of obstructive sleep apnea from hypersomnolence and obesity in patients with stroke. *Stroke* 41: e129-34. (5,756)
- Assimes TL, Hólm H, Kathiresan S, Reilly MP, Thorleifsson G, Voight BF, Erdmann J, Willenborg C, Vaidya D, Xie C, Patterson CC, Morgan TM, Burnett MS, Li M, Hlatky MA, Knowles JW, Thompson JR, Absher D, Iribarren C, Go A, Fortmann SP, Sidney S, Risch N, Tang H, Myers RM, Berger K, Stoll M, Shah SH, Thorgeirsson G, Andersen K, Havulinna AS, Herrera JE, Faraday N, Kim Y, Kral BG, Mathias RA, Ruczinski I, Suktitipat B, Wilson AF, Yanek LR, Becker LC, Linsel-Nitschke P, Lieb W, König IR, **Hengstenberg C, Fischer M, Stark K, Reinhard W, Winogradow J, Grassl M**, Grosshennig A, Preuss M, Schreiber S, Wichmann HE, Meisinger C, Yee J, Friedlander Y, Do R, Meigs JB, Williams G, Nathan DM, MacRae CA, Qu L, Wilensky RL, Matthai WH, Qasim AN, Hakonarson H, Pichard AD, Kent KM, Satler L, Lindsay JM, Waksman R, Knouff CW, Waterworth DM, Walker MC, Mooser VE, Marrugat J, Lucas G, Subirana I, Sala J, Ramos R, Martinelli N, Olivieri O, Trabetti E, Malerba G, Pignatti PF, Guiducci C, Mirel D, Parkin M, Hirschhorn JN, Asselta R, Duga S, Musunuru K, Daly MJ, Purcell S, Eifert S, Braund PS, Wright BJ, Balmforth AJ, Ball SG, Myocardial Infarction Genetics Consortium, Wellcome Trust Case Control Consortium, **Cardiogenics**, Ouweland WH, Deloukas P, Scholz M, Cambien F, Hogue A, Scheffold T, Salomaa V, Girelli D, Granger CB, Peltonen L, McKeown PP, Altshuler D, Melander O, Devaney JM, Epstein SE, Rader DJ, Elosua R, Engert JC, Anand SS, Hall AS, Ziegler A, O'Donnell CJ, Spertus JA, Siscovick D, Schwartz SM, Becker D, Thorsteinsdottir U, Stefansson K, Schunkert H, Samani NJ, Quertermous T (2010). Lack of association between the Trp719Arg polymorphism in kinesin-like protein-6 and coronary artery disease in 19 case-control studies. *J Am Coll Cardiol* 56: 1552-63. (14,292)
- Bauer S, Weigert J, Neumeier M, Wanninger J, Schäffler A, **Luchner A**, Schnitzbauer AA, Aslanidis C, Buechler C (2010). Low-abundant adiponectin receptors in visceral adipose tissue of humans and rats are further reduced in diabetic animals. *Arch Med Res* 41: 75-82. (1,986)
- Baumeister SE, **Boger CA**, Kramer BK, Doring A, Eheberg D, Fischer B, John J, Koenig W, Meisinger C (2010). Effect of chronic kidney disease and comorbid conditions on health care costs: A 10-year observational study in a general population. *Am J Nephrol* 31: 222-9. (2,658)
- Bein T, Ploner F, Ritzka M, **Pfeifer M**, Schlitt HJ, Graf BM (2010). No change in the regional distribution of tidal volume during lateral posture in mechanically ventilated patients assessed by electrical impedance tomography. *Clin Physiol Funct Imaging* 30: 234-40. (1,302)
- Bodí V, **Husser O**, Sanchis J, Núñez J, López-Lereu MP, Monmeneu JV, Mainar L, Chaustre F, **Riegger GA**, Bosch MJ, Chorro FJ, Llácer A (2010). Contractile reserve and extent of transmural necrosis in the setting of myocardial stunning: comparison at cardiac MR imaging. *Radiology* 255: 755-63. (6,066)
- **Buchner S, Debl K**, Barlage S, Griese D, **Fredersdorf S**, Jeron A, **Lubnow M, Müller T**, Muders F, Holmer S, **Riegger GA, Luchner A** (2010). Dynamic changes in N-terminal pro-brain natriuretic peptide in acute coronary syndromes treated with percutaneous

coronary intervention: a marker of ischemic burden, reperfusion and outcome. *Clin Chem Lab Med* 48: 875-81. (2,069)

- **Buchner S**, Hülsmann M, Poschenrieder F, Hamer OW, Fellner C, Kobuch R, Feuerbach S, **Riegger GA**, Djavidani B, **Luchner A**, **Debl K** (2010). Variable phenotypes of bicuspid aortic valve disease: classification by cardiovascular magnetic resonance. *Heart* 96: 1233-40. (4,706)
- Guba M, Pratschke J, Hugo C, Krämer BK, Nohr-Westphal C, Brockmann J, Andrassy J, Reinke P, Pressmar K, Hakenberg O, Fischereder M, Pascher A, Illner WD, **Banas B**, Jauch KW, **SMART-Study Group** (2010). Renal function, efficacy, and safety of sirolimus and mycophenolate mofetil after short-term calcineurin inhibitor-based quadruple therapy in de novo renal transplant patients: one-year analysis of a randomized multicenter trial. *Transplantation* 90: 175-83. (3,676)
- Gupta S, Rieder S, Richter R, Schulz-Maronde S, Manns J, Escher SE, Heitland A, **Mack M**, Forssmann WG, Elsner J, Forssmann U (2010). CCR1- and CCR5-mediated inactivation of leukocytes by a nonglycosaminoglycan (non-GAG)-binding variant of n-nonanoyl-CCL14 (NNY-CCL14). *J Leukoc Biol* 88: 383-92. (4,626)
- Hallan SI, **Orth SR** (2010). The KDOQI 2002 classification of chronic kidney disease: for whom the bell tolls. *Nephrol Dial Transplant* 25: 2832-6. (3,564)
- Hallan SI, **Orth SR** (2010). The conundrum of chronic kidney disease classification and end-stage renal risk prediction in the elderly--what is the right approach? *Nephron Clin Pract* 116: c307-16. (1,843)
- Heid IM, Jackson AU, Randall JC, Winkler TW, Qi L, Steinthorsdottir V, Thorleifsson G, Zillikens MC, Speliotes EK, Mägi R, Workalemahu T, White CC, Bouatia-Naji N, Harris TB, Berndt SI, Ingelsson E, Willer CJ, Weedon MN, Luan J, Vedantam S, Esko T, Kilpeläinen TO, Kutalik Z, Li S, Monda KL, Dixon AL, Holmes CC, Kaplan LM, Liang L, Min JL, Moffatt MF, Molony C, Nicholson G, Schadt EE, Zondervan KT, Feitosa MF, Ferreira T, Allen HL, Weyant RJ, Wheeler E, Wood AR, MAGIC , Estrada K, Goddard ME, Lettre G, Mangino M, Nyholt DR, Purcell S, Smith AV, Visscher PM, Yang J, McCarroll SA, Nemesh J, Voight BF, Absher D, Amin N, Aspelund T, Coin L, Glazer NL, Hayward C, Heard-Costa NL, Hottenga JJ, Johansson A, Johnson T, Kaakinen M, Kapur K, Ketkar S, Knowles JW, Kraft P, Kraja AT, Lamina C, Leitzmann MF, McKnight B, Morris AP, Ong KK, Perry JR, Peters MJ, Polasek O, Prokopenko I, Rayner NW, Ripatti S, Rivadeneira F, Robertson NR, Sanna S, Sovio U, Surakka I, Teumer A, van Wingerden S, Vitart V, Zhao JH, Cavalcanti-Proença C, Chines PS, Fisher E, Kulzer JR, Lecoeur C, Narisu N, Sandholt C, Scott LJ, Silander K, Stark K, Tammesoo ML, Teslovich TM, Timpson NJ, Watanabe RM, Welch R, Chasman DI, Cooper MN, Jansson JO, Kettunen J, Lawrence RW, Pellikka N, Perola M, Vandenput L, Alavere H, Almgren P, Atwood LD, Bennett AJ, Biffar R, Bonnycastle LL, Bornstein SR, Buchanan TA, Campbell H, Day IN, Dei M, Dörr M, Elliott P, Erdos MR, Eriksson JG, Freimer NB, Fu M, Gaget S, Geus EJ, Gjesing AP, Grallert H, Grässler J, Groves CJ, Guiducci C, Hartikainen AL, Hassanali N, Havulinna AS, Herzig KH, Hicks AA, Hui J, Igl W, Jousilahti P, Jula A, Kajantie E, Kinnunen L, Kolcic I, Koskinen S, Kovacs P, Kroemer HK, Krzely V, Kuusisto J, Kvaloy K, Laitinen J, Lantieri O, Lathrop GM, Lokki ML, Luben RN, Ludwig B, McArdle WL, McCarthy A, Morken MA, Nelis M, Neville MJ, Paré G, Parker AN, Peden JF, Pichler I, Pietiläinen KH, Platou CG, Pouta A, Ridderstråle M, Samani NJ, Saramies J, Sinisalo J, Smit JH, Strawbridge RJ, Stringham HM, Swift AJ, Teder-Laving M, Thomson B, Usala G, van Meurs JB, van Ommen GJ, Vatin V, Volpato CB, Wallaschofski H, Walters GB, Widen E, Wild SH, Willemsen G, Witte DR, Zgaga L, Zitting P, Beilby JP, James AL, Kähönen M, Lehtimäki T, Nieminen MS, Ohlsson C, Palmer LJ, Raitakari O, Ridker PM, Stumvoll M, Tönjes A, Viikari J, Balkau B, Ben-Shlomo Y, Bergman RN, Boeing H, Smith GD, Ebrahim S, Froguel P, Hansen T, **Hengstenberg C**, Hveem K, Isomaa B, Jørgensen T, Karpe F, Khaw KT, Laakso M, Lawlor DA, Marre M, Meitinger T, Metspalu A, Midthjell K, Pedersen O, Salomaa V, Schwarz PE, Tuomi T, Tuomilehto J, Valle TT, Wareham NJ,

Arnold AM, Beckmann JS, Bergmann S, Boerwinkle E, Boomsma DI, Caulfield MJ, Collins FS, Eiriksdottir G, Gudnason V, Gyllenstein U, Hamsten A, Hattersley AT, Hofman A, Hu FB, Illig T, Iribarren C, Jarvelin MR, Kao WH, Kaprio J, Launer LJ, Munroe PB, Oostra B, Penninx BW, Pramstaller PP, Psaty BM, Quertermous T, Rissanen A, Rudan I, Shuldiner AR, Soranzo N, Spector TD, Syvanen AC, Uda M, Uitterlinden A, Völzke H, Vollenweider P, Wilson JF, Witteman JC, Wright AF, Abecasis GR, Boehnke M, Borecki IB, Deloukas P, Frayling TM, Groop LC, Haritunians T, Hunter DJ, Kaplan RC, North KE, O'Connell JR, Peltonen L, Schlessinger D, Strachan DP, Hirschhorn JN, Assimes TL, Wichmann HE, Thorsteinsdottir U, van Duijn CM, Stefansson K, Cupples LA, Loos RJ, Barroso I, McCarthy MI, Fox CS, Mohlke KL, Lindgren CM (2010). Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. *Nat Genet* 42: 949-60. (36,377)

- Heinig M, Petretto E, Wallace C, Bottolo L, Rotival M, Lu H, Li Y, Sarwar R, Langley SR, Bauerfeind A, Hummel O, Lee YA, Paskas S, Rintisch C, Saar K, Cooper J, Buchan R, Gray EE, Cyster JG, **Cardiogenics Consortium**, Erdmann J, **Hengstenberg C**, Maouche S, Ouwehand WH, Rice CM, Samani NJ, Schunkert H, Goodall AH, Schulz H, Roeder HG, Vingron M, Blankenberg S, Münzel T, Zeller T, Szymczak S, Ziegler A, Tiret L, Smyth DJ, Pravenec M, Aitman TJ, Cambien F, Clayton D, Todd JA, Hubner N, Cook SA, Braund P, Gracey J, Krishnan U, Moore JS, Nelson CP, Pollard H, Attwood T, Crisp-Hahn A, Foad N, Jolley J, Lloyd-Jones H, Muir D, Murray E, O'Leary K, Rankin A, Sambrook J, Godfroy T, Brocheton J, Proust C, Schmitz G, Heimerl S, **Lugauer I**, Belz S, Gulde S, Linsel-Nitschke P, Sager H, Schroeder L, Lundmark P, Syvanen AC, Neudert J, Scholz M, Deloukas P, Gray E, Gwilliams R, Niblett D (2010). A trans-acting locus regulates an anti-viral expression network and type 1 diabetes risk. *Nature* 467: 460-4. (36,101)
- Herbold W, Maus R, Hahn I, Ding N, Srivastava M, Christman JW, **Mack M**, Reutershan J, Briles DE, Paton JC, Winter C, Welte T, Maus UA (2010). Importance of CXCR2 chemokine receptor 2 in alveolar neutrophil and exudate macrophage recruitment in response to pneumococcal lung infection. *Infect Immun* 78: 2620-30. (4,098)
- Hitzl AP, Jörres RA, Heinemann F, **Pfeifer M**, Budweiser S (2010). Nutritional status in patients with chronic respiratory failure receiving home mechanical ventilation: impact on survival. *Clin Nutr* 29: 65-71. (3,410)
- Hoffmann U, **Bergler T**, Segerer S, Rümmele P, Krüger B, **Banas MC**, **Reinhold S**, **Banas B**, Krämer BK (2010). Impact of chemokine receptor CX3CR1 in human renal allograft rejection. *Transpl Immunol* 23: 204-8. (1,912)
- Hudkins KL, Pichaiwong W, Wietecha T, Kowalewska J, **Banas MC**, Spencer MW, Mühlfeld A, Koelling M, Pippin JW, Shankland SJ, Askari B, Rabaglia ME, Keller MP, Attie AD, Alpers CE (2010). BTBR Ob/Ob mutant mice model progressive diabetic nephropathy. *J Am Soc Nephrol* 21: 1533-42. (8,288)
- **Husser O**, Bodi V, Sanchis J, Nunez J, Mainar L, Merlos P, Lopez-Lereu MP, Monmeneu JV, Chaustre F, Rumiz E, **Riegger GA**, Chorro FJ, Llacer A (2010). Head to head comparison of quantitative versus visual analysis of contrast CMR in the setting of myocardial stunning after STEMI: implications on late systolic function and patient outcome. *Int J Cardiovasc Imaging* 26: 559-69. (2,539)
- **Husser O**, Bodí V, Sanchis J, Núñez J, Mainar L, Rumiz E, López-Lereu MP, Monmeneu J, Chaustre F, Traperó I, Forteza MJ, **Riegger GA**, Chorro FJ, Llacer A (2010). The sum of ST-segment elevation is the best predictor of microvascular obstruction in patients treated successfully by primary percutaneous coronary intervention. Cardiovascular magnetic resonance study. *Rev Esp Cardiol* 63: 1145-54. (2,157)
- **Jungbauer CG**, **Buchner S**, **Birner C**, **Resch M**, **Heinicke N**, **Debl K**, **Buesing M**, **Biermeier D**, Schmitz G, **Riegger G**, **Luchner A** (2010). N-terminal pro-brain natriuretic peptide from fresh urine for the biochemical detection of heart failure and left ventricular dysfunction. *Eur J Heart Fail* 12: 331-7. (4,512)

- **Kaess BM**, Barnes TA, **Stark K**, Charchar FJ, Waterworth D, Song K, Wang WY, Vollenweider P, Waeber G, Mooser V, Zukowska-Szczechowska E, Samani NJ, **Hengstenberg C**, Tomaszewski M (2010). FGF21 signalling pathway and metabolic traits - genetic association analysis. *Eur J Hum Genet* 18: 1344-8. (4,380)
- **Karagiannidis C**, Lubnow M, Philipp A, **Riegger GA**, Schmid C, **Pfeifer M**, **Mueller T** (2010). Autoregulation of ventilation with neurally adjusted ventilatory assist on extracorporeal lung support. *Intensive Care Med* 36: 2038-44. (4,996)
- Köttgen A, Pattaro C, **Böger CA**, Fuchsberger C, Olden M, Glazer NL, Parsa A, Gao X, Yang Q, Smith AV, O'Connell JR, Li M, Schmidt H, Tanaka T, Isaacs A, Ketkar S, Hwang SJ, Johnson AD, Dehghan A, Teumer A, Paré G, Atkinson EJ, Zeller T, Lohman K, Cornelis MC, Probst-Hensch NM, Kronenberg F, Tönjes A, Hayward C, Aspelund T, Eiriksdottir G, Launer LJ, Harris TB, Rampersaud E, Mitchell BD, Arking DE, Boerwinkle E, Struchalin M, Cavalieri M, Singleton A, Giallauria F, Metter J, de Boer IH, Haritunians T, Lumley T, Siscovick D, Psaty BM, Zillikens MC, Oostra BA, Feitosa M, Province M, de Andrade M, Turner ST, Schillert A, Ziegler A, Wild PS, Schnabel RB, Wilde S, Munzel TF, Leak TS, Illig T, Klopp N, Meisinger C, Wichmann HE, Koenig W, Zgaga L, Zemunik T, Kolcic I, Minelli C, Hu FB, Johansson A, Igl W, Zaboli G, Wild SH, Wright AF, Campbell H, Ellinghaus D, Schreiber S, Aulchenko YS, Felix JF, Rivadeneira F, Uitterlinden AG, Hofman A, Imboden M, Nitsch D, Brandstätter A, Kollerits B, Kedenko L, Mägi R, Stumvoll M, Kovacs P, Boban M, Campbell S, Endlich K, Völzke H, Kroemer HK, Nauck M, Völker U, Polasek O, Vitart V, Badola S, Parker AN, Ridker PM, Kardia SL, Blankenberg S, Liu Y, Curhan GC, Franke A, Roach T, Paulweber B, Prokopenko I, Wang W, Gudnason V, Shuldiner AR, Coresh J, Schmidt R, Ferrucci L, Shlipak MG, van Duijn CM, Borecki I, Krämer BK, Rudan I, Gyllenstein U, Wilson JF, Witteman JC, Pramstaller PP, Rettig R, Hastie N, Chasman DI, Kao WH, Heid IM, Fox CS (2010). New loci associated with kidney function and chronic kidney disease. *Nat Genet* 42: 376-84. (36,377)
- Krämer BK, Klinger M, Wlodarczyk Z, Ostrowski M, Midvedt K, Stefoni S, Citterio F, Pietruck F, Squifflet JP, Segoloni G, Krüger B, Sperschneider H, **Banas B**, Bäckman L, Weber M, Carmellini M, Perner F, Claesson K, Marcinkowski W, Vítko S, Senatorski G, Salmela K, Nordström J (2010). Tacrolimus combined with two different corticosteroid-free regimens compared with a standard triple regimen in renal transplantation: one year observational results. *Clin Transplant* 24: E1-9. (1,751)
- Krüger B, **Banas MC**, **Walberer A**, **Böger CA**, Farkas S, Hoffmann U, Fischereeder M, **Banas B**, Krämer BK (2010). A comprehensive genotype-phenotype interaction of different Toll-like receptor variations in a renal transplant cohort. *Clin Sci (Lond)* 119: 535-44. (4,613)
- Krüger B, **Walberer A**, Debler J, **Böger CA**, Farkas S, **Reinhold SW**, Obed A, Schlitt HJ, Fischereeder M, **Banas B**, Krämer BK (2010). Is inflammation prior to renal transplantation predictive for cardiovascular and renal outcomes? *Atherosclerosis* 210: 637-42. (4,086)
- Ksiazkiewicz M, Gottfried E, Kreutz M, **Mack M**, Hofstaedter F, Kunz-Schughart LA (2010). Importance of CCL2-CCR2A/2B signaling for monocyte migration into spheroids of breast cancer-derived fibroblasts. *Immunobiology* 215: 737-47. (4,114)
- **Kurtz L**, Madsen K, Kurt B, Jensen BL, Walter S, **Banas B**, Wagner C, Kurtz A (2010). High-level connexin expression in the human juxtaglomerular apparatus. *Nephron Physiol* 116: p1-8. (2,465)
- **Lahmann C**, **Lahmann C**, Henningsen P, **Schulz C**, Schuster T, Sauer N, Noll-Hussong M, Ronel J, Tritt K, **Loew T**, **Loew T** (2010). Effects of functional relaxation and guided imagery on IgE in dust-mite allergic adult asthmatics: a randomized, controlled clinical trial. *J Nerv Ment Dis* 198: 125-30. (1,796)

- Lango Allen H, Estrada K, Lettre G, Berndt SI, Weedon MN, Rivadeneira F, Willer CJ, Jackson AU, Vedantam S, Raychaudhuri S, Ferreira T, Wood AR, Weyant RJ, Segrè AV, Speliotes EK, Wheeler E, Soranzo N, Park JH, Yang J, Gudbjartsson D, Heard-Costa NL, Randall JC, Qi L, Vernon Smith A, Mägi R, Pastinen T, Liang L, Heid IM, Luan J, Thorleifsson G, Winkler TW, Goddard ME, Sin Lo K, Palmer C, Workalemahu T, Aulchenko YS, Johansson A, Carola Zillikens M, Feitosa MF, Esko T, Johnson T, Ketkar S, Kraft P, Mangino M, Prokopenko I, Absher D, Albrecht E, Ernst F, Glazer NL, Hayward C, Hottenga JJ, Jacobs KB, Knowles JW, Kutalik Z, Monda KL, Polasek O, Preuss M, Rayner NW, Robertson NR, Steinthorsdottir V, Tyrer JP, Voight BF, Wiklund F, Xu J, Hua Zhao J, Nyholt DR, Pellikka N, Perola M, Perry JR, Surakka I, Tammesoo ML, Altmaier EL, Amin N, Aspelund T, Bhangale T, Boucher G, Chasman DI, Chen C, Coin L, Cooper MN, Dixon AL, Gibson Q, Grundberg E, Hao K, Juhani Juntila M, Kaplan LM, Kettunen J, König IR, Kwan T, Lawrence RW, Levinson DF, Lorentzon M, McKnight B, Morris AP, Müller M, Suh Ngwa J, Purcell S, Rafelt S, Salem RM, Salvi E, Sanna S, Shi J, Sovio U, Thompson JR, Turchin MC, Vandenput L, Verlaan DJ, Vitart V, White CC, Ziegler A, Almgren P, Balmforth AJ, Campbell H, Citterio L, De Grandi A, Dominiczak A, Duan J, Elliott P, Elosua R, Eriksson JG, Freimer NB, Geus EJ, Glorioso N, Haiqing S, Hartikainen AL, Havulinna AS, Hicks AA, Hui J, Igl W, Illig T, Jula A, Kajantie E, Kilpeläinen TO, Koiranen M, Kolcic I, Koskinen S, Kovacs P, Laitinen J, Liu J, Lokki ML, Marusic A, Maschio A, Meitinger T, Mulas A, Paré G, Parker AN, Peden JF, Petersmann A, Pichler I, Pietiläinen KH, Pouta A, Ridderstråle M, Rotter JI, Sambrook JG, Sanders AR, Oliver Schmidt C, Sinisalo J, Smit JH, Stringham HM, Bragi Walters G, Widen E, Wild SH, Willemsen G, Zagato L, Zgaga L, Zitting P, Alavere H, Farrall M, McArdle WL, Nelis M, Peters MJ, Ripatti S, van Meurs JB, Aben KK, Ardlie KG, Beckmann JS, Beilby JP, Bergman RN, Bergmann S, Collins FS, Cusi D, den Heijer M, Eiriksdottir G, Gejman PV, Hall AS, Hamsten A, Huikuri HV, Iribarren C, Kähönen M, Kaprio J, Kathiresan S, Kiemenev L, Kocher T, Launer LJ, Lehtimäki T, Melander O, Mosley TH, Musk AW, Nieminen MS, O'Donnell CJ, Ohlsson C, Oostra B, Palmer LJ, Raitakari O, Ridker PM, Rioux JD, Rissanen A, Rivolta C, Schunkert H, Shuldiner AR, Siscovick DS, Stumvoll M, Tönjes A, Tuomilehto J, van Ommen GJ, Viikari J, Heath AC, Martin NG, Montgomery GW, Province MA, Kayser M, Arnold AM, Atwood LD, Boerwinkle E, Chanock SJ, Deloukas P, Gieger C, Grönberg H, Hall P, Hattersley AT, **Hengstenberg C**, Hoffman W, Mark Lathrop G, Salomaa V, Schreiber S, Uda M, Waterworth D, Wright AF, Assimes TL, Barroso I, Hofman A, Mohlke KL, Boomsma DI, Caulfield MJ, Adrienne Cupples L, Erdmann J, Fox CS, Gudnason V, Gyllenstein U, Harris TB, Hayes RB, Jarvelin MR, Mooser V, Munroe PB, Ouwehand WH, Penninx BW, Pramstaller PP, Quertermous T, Rudan I, Samani NJ, Spector TD, Völzke H, Watkins H, Wilson JF, Groop LC, Haritunians T, Hu FB, Kaplan RC, Metspalu A, North KE, Schlessinger D, Wareham NJ, Hunter DJ, O'Connell JR, Strachan DP, Wichmann HE, Borecki IB, van Duijn CM, Schadt EE, Thorsteinsdottir U, Peltonen L, Uitterlinden AG, Visscher PM, Chatterjee N, Loos RJ, Boehnke M, McCarthy MI, Ingelsson E, Lindgren CM, Abecasis GR, Stefansson K, Frayling TM, Hirschhorn JN (2010). Hundreds of variants clustered in genomic loci and biological pathways affect human height. *Nature* 467: 832-8. (36,101)
- Linsel-Nitschke P, Heeren J, Aherrahrou Z, Bruse P, Gieger C, Illig T, Prokisch H, Heim K, Doering A, Peters A, Meitinger T, Wichmann HE, Hinney A, Reinehr T, Roth C, Ortlepp JR, Soufi M, Sattler AM, Schaefer J, **Stark K**, **Hengstenberg C**, Schaefer A, Schreiber S, Kronenberg F, Samani NJ, Schunkert H, Erdmann J (2010). Genetic variation at chromosome 1p13.3 affects sortilin mRNA expression, cellular LDL-uptake and serum LDL levels which translates to the risk of coronary artery disease. *Atherosclerosis* 208: 183-9. (4,086)
- **Lubnow M**, **Luchner A**, Philipp A, **Buchner S**, Jeron A, **Karagiannidis C**, Bein T, Pawlik M, **Jungbauer C**, Schmid C, **Riegger GA**, **Pfeifer M**, **Müller T** (2010). Combination of high frequency oscillatory ventilation and interventional lung assist in severe acute respiratory distress syndrome. *J Crit Care* 25: 436-44. (2,077)

- **Luchner A**, Weidemann A, Willenbrock R, Philipp S, **Heinicke N**, Rambausek M, Mehdorn U, Frankenberger B, Heid IM, Eckardt KU, Holmer SR (2010). Improvement of the cardiac marker N-terminal-pro brain natriuretic peptide through adjustment for renal function: a stratified multicenter trial. *Clin Chem Lab Med* 48: 121-8. (2,069)
- Markus MR, Stritzke J, Siewert U, Lieb W, **Luchner A**, Döring A, Keil U, Hense HW, Schunkert H, **MONICA/KORA Investigators** (2010). Variation in body composition determines long-term blood pressure changes in pre-hypertension: the MONICA/KORA (Monitoring Trends and Determinants on Cardiovascular Diseases/Cooperative Research in the Region of Augsburg) cohort study. *J Am Coll Cardiol* 56: 65-76. (14,292)
- Massie BM, O'Connor CM, Metra M, Ponikowski P, Teerlink JR, Cotter G, Weatherley BD, Cleland JG, Givertz MM, Voors A, DeLuca P, Mansoor GA, Salerno CM, Bloomfield DM, Dittrich HC, **PROTECT Investigators and Committees** (2010). Rolofylline, an adenosine A1-receptor antagonist, in acute heart failure. *N Engl J Med* 363: 1419-28. (53,484)
- Movahedi K, Laoui D, Gysemans C, Baeten M, Stangé G, Van den Bossche J, **Mack M**, Pipeleers D, In't Veld P, De Baetselier P, Van Ginderachter JA (2010). Different tumor microenvironments contain functionally distinct subsets of macrophages derived from Ly6C(high) monocytes. *Cancer Res* 70: 5728-39. (8,234)
- Núñez J, Sanchis J, Núñez E, Bodí V, Mainar L, Miñana G, Merlos P, Palau P, **Husser O**, Rumiz E, Chorro FJ, Llàcer A (2010). Effect of acute heart failure following discharge in patients with non-ST-elevation acute coronary syndrome on the subsequent risk of death or acute myocardial infarction. *Rev Esp Cardiol* 63: 1035-44. (2,157)
- **Orth SR**, Hallan SI (2010). [Complementation of eGFR by urinary albumin excretion - the way to a new classification system of chronic kidney disease]. *Dtsch Med Wochenschr* 135: 1241-6. (0,500)
- Puehler T, Philipp A, Schmid C, **Luchner A** (2010). Implantation of a new extracorporeal life support system during resuscitation in complicated percutaneous coronary intervention with occlusion of the left main artery. *Eur Heart J* 31: 2499. (10,046)
- **Resch M**, **Bergler T**, **Fredersdorf S**, Griese DP, Weil J, Kreuzer P, Brunner S, **Riegger GA**, **Luchner A**, **Endemann DH** (2010). Hyperaldosteronism and altered expression of an SGK1-dependent sodium transporter in ZDF rats leads to salt dependence of blood pressure. *Hypertens Res* 33: 1082-8. (2,353)
- Rodriguez Gomez M, Talke Y, Goebel N, Hermann F, Reich B, **Mack M** (2010). Basophils support the survival of plasma cells in mice. *J Immunol* 185: 7180-5. (5,745)
- Ryan CM, Floras JS, Logan AG, Kimoff RJ, Series F, Morrison D, Ferguson KA, Belenkie I, **Pfeifer M**, Fleetham J, Hanly PJ, Smilovitch M, **Arzt M**, Bradley TD, **CANPAP Investigators** (2010). Shift in sleep apnoea type in heart failure patients in the CANPAP trial. *Eur Respir J* 35: 592-7. (5,922)
- Schreyer AG, **Debl K**, Herfarth H (2010). [Indications for magnetic resonance imaging in Internal Medicine. When do we really need this technology?] *Internist (Berl)* 51: 451-62. (0,348)
- **Schroll S**, **Arzt M**, Sebah D, Nüchterlein M, Blumberg F, **Pfeifer M** (2010). Improvement of bleomycin-induced pulmonary hypertension and pulmonary fibrosis by the endothelin receptor antagonist Bosentan. *Respir Physiol Neurobiol* 170: 32-6. (2,382)
- Sinner MF, **Reinhard W**, Müller M, Beckmann BM, Martens E, Perz S, Pfeufer A, **Winogradow J**, **Stark K**, Meisinger C, Wichmann HE, Peters A, **Riegger GA**, Steinbeck G, **Hengstenberg C**, Kääb S (2010). Association of early repolarization pattern on ECG with risk of cardiac and all-cause mortality: a population-based prospective cohort study (MONICA/KORA). *PLoS Med* 7: e1000314. (15,617)

- Speliotes EK, Willer CJ, Berndt SI, Monda KL, Thorleifsson G, Jackson AU, Allen HL, Lindgren CM, Luan J, Mägi R, Randall JC, Vedantam S, Winkler TW, Qi L, Workalemahu T, Heid IM, Steinthorsdottir V, Stringham HM, Weedon MN, Wheeler E, Wood AR, Ferreira T, Weyant RJ, Segrè AV, Estrada K, Liang L, Nemesh J, Park JH, Gustafsson S, Kilpeläinen TO, Yang J, Bouatia-Naji N, Esko T, Feitosa MF, Kutalik Z, Mangino M, Raychaudhuri S, Scherag A, Smith AV, Welch R, Zhao JH, Aben KK, Absher DM, Amin N, Dixon AL, Fisher E, Glazer NL, Goddard ME, Heard-Costa NL, Hoesel V, Hottenga JJ, Johansson A, Johnson T, Ketkar S, Lamina C, Li S, Moffatt MF, Myers RH, Narisu N, Perry JR, Peters MJ, Preuss M, Ripatti S, Rivadeneira F, Sandholt C, Scott LJ, Timpson NJ, Tyrer JP, van Wingerden S, Watanabe RM, White CC, Wiklund F, Barlassina C, Chasman DI, Cooper MN, Jansson JO, Lawrence RW, Pellikka N, Prokopenko I, Shi J, Thiering E, Alavere H, Alibrandi MT, Almgren P, Arnold AM, Aspelund T, Atwood LD, Balkau B, Balmforth AJ, Bennett AJ, Ben-Shlomo Y, Bergman RN, Bergmann S, Biebermann H, Blakemore AI, Boes T, Bonnycastle LL, Bornstein SR, Brown MJ, Buchanan TA, Busonero F, Campbell H, Cappuccio FP, Cavalcanti-Proença C, Chen YD, Chen CM, Chines PS, Clarke R, Coin L, Connell J, Day IN, Heijer M, Duan J, Ebrahim S, Elliott P, Elosua R, Eiriksdottir G, Erdos MR, Eriksson JG, Facheris MF, Felix SB, Fischer-Posovszky P, Folsom AR, Friedrich N, Freimer NB, Fu M, Gaget S, Gejman PV, Geus EJ, Gieger C, Gjesing AP, Goel A, Goyette P, Grallert H, Grässler J, Greenawalt DM, Groves CJ, Gudnason V, Guiducci C, Hartikainen AL, Hassanali N, Hall AS, Havulinna AS, Hayward C, Heath AC, **Hengstenberg C**, Hicks AA, Hinney A, Hofman A, Homuth G, Hui J, Igl W, Iribarren C, Isomaa B, Jacobs KB, Jarick I, Jewell E, John U, Jørgensen T, Jousilahti P, Jula A, Kaakinen M, Kajantie E, Kaplan LM, Kathiresan S, Kettunen J, Kinnunen L, Knowles JW, Kolcic I, König IR, Koskinen S, Kovacs P, Kuusisto J, Kraft P, Kvaløy K, Laitinen J, Lantieri O, Lanzani C, Launer LJ, Lecoeur C, Lehtimäki T, Lettre G, Liu J, Lokki ML, Lorentzon M, Luben RN, Ludwig B, MAGIC , Manunta P, Marek D, Marre M, Martin NG, McArdle WL, McCarthy A, McKnight B, Meitinger T, Melander O, Meyre D, Midthjell K, Montgomery GW, Morken MA, Morris AP, Mulic R, Ngwa JS, Nelis M, Neville MJ, Nyholt DR, O'Donnell CJ, O'Rahilly S, Ong KK, Oostra B, Paré G, Parker AN, Perola M, Pichler I, Pietiläinen KH, Platou CG, Polasek O, Pouta A, Rafelt S, Raitakari O, Rayner NW, Ridderstråle M, Rief W, Ruukonen A, Robertson NR, Rzehak P, Salomaa V, Sanders AR, Sandhu MS, Sanna S, Saramies J, Savolainen MJ, Scherag S, Schipf S, Schreiber S, Schunkert H, Silander K, Sinisalo J, Siscovick DS, Smit JH, Soranzo N, Sovio U, Stephens J, Surakka I, Swift AJ, Tammesoo ML, Tardif JC, Teder-Laving M, Teslovich TM, Thompson JR, Thomson B, Tönjes A, Tuomi T, van Meurs JB, van Ommen GJ, Vatin V, Viikari J, Visvikis-Siest S, Vitart V, Vogel CI, Voight BF, Waite LL, Wallaschofski H, Walters GB, Widen E, Wiegand S, Wild SH, Willemsen G, Witte DR, Wittteman JC, Xu J, Zhang Q, Zgaga L, Ziegler A, Zitting P, Beilby JP, Farooqi IS, Hebebrand J, Huikuri HV, James AL, Kähönen M, Levinson DF, Macciardi F, Nieminen MS, Ohlsson C, Palmer LJ, Ridker PM, Stumvoll M, Beckmann JS, Boeing H, Boerwinkle E, Boomsma DI, Caulfield MJ, Chanock SJ, Collins FS, Cupples LA, Smith GD, Erdmann J, Froguel P, Grönberg H, Gyllenstein U, Hall P, Hansen T, Harris TB, Hattersley AT, Hayes RB, Heinrich J, Hu FB, Hveem K, Illig T, Jarvelin MR, Kaprio J, Karpe F, Khaw KT, Kiemeny LA, Krude H, Laakso M, Lawlor DA, Metspalu A, Munroe PB, Ouwehand WH, Pedersen O, Penninx BW, Peters A, Pramstaller PP, Quertermous T, Reinehr T, Rissanen A, Rudan I, Samani NJ, Schwarz PE, Shuldiner AR, Spector TD, Tuomilehto J, Uda M, Uitterlinden A, Valle TT, Wabitsch M, Waeber G, Wareham NJ, Watkins H, Procardis Consortium , Wilson JF, Wright AF, Zillikens MC, Chatterjee N, McCarroll SA, Purcell S, Schadt EE, Visscher PM, Assimes TL, Borecki IB, Deloukas P, Fox CS, Groop LC, Haritunians T, Hunter DJ, Kaplan RC, Mohlke KL, O'Connell JR, Peltonen L, Schlessinger D, Strachan DP, van Duijn CM, Wichmann HE, Frayling TM, Thorsteinsdottir U, Abecasis GR, Barroso I, Boehnke M, Stefansson K, North KE, McCarthy MI, Hirschhorn JN, Ingelsson E, Loos RJ (2010). Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. *Nat Genet* 42: 937-48. (36,377)

- **Stark K, Esslinger UB, Reinhard W**, Petrov G, Winkler T, Komajda M, Isnard R, Charron P, Villard E, Cambien F, Tiret L, Aumont MC, Dubourg O, Trochu JN, Fauchier L, Degroote P, Richter A, Maisch B, Wichter T, **Zollbrecht C, Grassl M**, Schunkert H, Linsel-Nitschke P, Erdmann J, Baumert J, Illig T, Klopp N, Wichmann HE, Meisinger C, Koenig W, Lichtner P, Meitinger T, Schillert A, König IR, Hetzer R, Heid IM, Regitz-Zagrosek V, **Hengstenberg C** (2010). Genetic association study identifies HSPB7 as a risk gene for idiopathic dilated cardiomyopathy. *PLoS Genet* 6: e1001167. (9,543)
- **Stark K**, Straub RH, Blazicková S, **Hengstenberg C**, Rovenský J (2010). Genetics in neuroendocrine immunology: implications for rheumatoid arthritis and osteoarthritis. *Ann N Y Acad Sci* 1193: 10-4. (2,847)
- Svensson M, Russell K, **Mack M**, Else KJ (2010). CD4+ T-cell localization to the large intestinal mucosa during *Trichuris muris* infection is mediated by G alpha i-coupled receptors but is CCR6- and CXCR3-independent. *Immunology* 129: 257-67. (3,302)
- Teslovich TM, Musunuru K, Smith AV, Edmondson AC, Stylianou IM, Koseki M, Pirruccello JP, Ripatti S, Chasman DI, Willer CJ, Johansen CT, Fouchier SW, Isaacs A, Peloso GM, Barbalic M, Ricketts SL, Bis JC, Aulchenko YS, Thorleifsson G, Feitosa MF, Chambers J, Orho-Melander M, Melander O, Johnson T, Li X, Guo X, Li M, Shin Cho Y, Jin Go M, Jin Kim Y, Lee JY, Park T, Kim K, Sim X, Twee-Hee Ong R, Croteau-Chonka DC, Lange LA, Smith JD, Song K, Hua Zhao J, Yuan X, Luan J, Lamina C, Ziegler A, Zhang W, Zee RY, Wright AF, Witteman JC, Wilson JF, Willemssen G, Wichmann HE, Whitfield JB, Waterworth DM, Wareham NJ, Waeber G, Vollenweider P, Voight BF, Vitart V, Uitterlinden AG, Uda M, Tuomilehto J, Thompson JR, Tanaka T, Surakka I, Stringham HM, Spector TD, Soranzo N, Smit JH, Sinisalo J, Silander K, Sijbrands EJ, Scuteri A, Scott J, Schlessinger D, Sanna S, Salomaa V, Saharinen J, Sabatti C, Ruukonen A, Rudan I, Rose LM, Roberts R, Rieder M, Psaty BM, Pramstaller PP, Pichler I, Perola M, Penninx BW, Pedersen NL, Pattaro C, Parker AN, Pare G, Oostra BA, O'Donnell CJ, Nieminen MS, Nickerson DA, Montgomery GW, Meitinger T, McPherson R, McCarthy MI, McArdle W, Masson D, Martin NG, Marroni F, Mangino M, Magnusson PK, Lucas G, Luben R, Loos RJ, Lokki ML, Lettre G, Langenberg C, Launer LJ, Lakatta EG, Laaksonen R, Kyvik KO, Kronenberg F, König IR, Khaw KT, Kaprio J, Kaplan LM, Johansson A, Jarvelin MR, Janssens AC, Ingelsson E, Igl W, Kees Hovingh G, Hottenga JJ, Hofman A, Hicks AA, **Hengstenberg C**, Heid IM, Hayward C, Havulinna AS, Hastie ND, Harris TB, Haritunians T, Hall AS, Gyllenstein U, Guiducci C, Groop LC, Gonzalez E, Gieger C, Freimer NB, Ferrucci L, Erdmann J, Elliott P, Ejebe KG, Döring A, Dominiczak AF, Demissie S, Deloukas P, de Geus EJ, de Faire U, Crawford G, Collins FS, Chen YD, Caulfield MJ, Campbell H, Burt NP, Bonnycastle LL, Boomsma DI, Boekholdt SM, Bergman RN, Barroso I, Bandinelli S, Ballantyne CM, Assimes TL, Quertermous T, Altshuler D, Seielstad M, Wong TY, Tai ES, Feranil AB, Kuzawa CW, Adair LS, Taylor HA, Borecki IB, Gabriel SB, Wilson JG, Holm H, Thorsteinsdottir U, Gudnason V, Krauss RM, Mohlke KL, Ordovas JM, Munroe PB, Kooner JS, Tall AR, Hegele RA, Kastelein JJ, Schadt EE, Rotter JI, Boerwinkle E, Strachan DP, Mooser V, Stefansson K, Reilly MP, Samani NJ, Schunkert H, Cupples LA, Sandhu MS, Ridker PM, Rader DJ, van Duijn CM, Peltonen L, Abecasis GR, Boehnke M, Kathiresan S (2010). Biological, clinical and population relevance of 95 loci for blood lipids. *Nature* 466: 707-13. (36,101)
- Teupser D, Baber R, Ceglarek U, Scholz M, Illig T, Gieger C, Holdt LM, Leichtle A, Greiser KH, Huster D, Linsel-Nitschke P, Schäfer A, Braund PS, Tiret L, **Stark K**, Raaz-Schrauder D, Fiedler GM, Wilfert W, Beutner F, Gielen S, Grosshennig A, König IR, Lichtner P, Heid IM, Kluttig A, El Mokhtari NE, Rubin D, Ekici AB, Reis A, Garlisch CD, Hall AS, Matthes G, Wittekind C, **Hengstenberg C**, Cambien F, Schreiber S, Werdan K, Meitinger T, Loeffler M, Samani NJ, Erdmann J, Wichmann HE, Schunkert H, Thiery J (2010). Genetic regulation of serum phytosterol levels and risk of coronary artery disease. *Circ Cardiovasc Genet* 3: 331-9. (4,043)

- Wagner C, Jobs A, Schweda F, **Kurtz L**, Kurt B, Lopez ML, Gomez RA, van Veen TA, de Wit C, Kurtz A (2010). Selective deletion of Connexin 40 in renin-producing cells impairs renal baroreceptor function and is associated with arterial hypertension. *Kidney Int* 78: 762-8. (6,105)
- Walz G, Budde K, Mannaa M, Nürnberger J, Wanner C, Sommerer C, Kunzendorf U, **Banas B**, Hörl WH, Obermüller N, Arns W, Pavenstädt H, Gaedeke J, Büchert M, May C, Gscheidmeier H, Kramer S, Eckardt KU (2010). Everolimus in patients with autosomal dominant polycystic kidney disease. *N Engl J Med* 363: 830-40. (53,484)
- Weatherley BD, Cotter G, Dittrich HC, DeLucca P, Mansoor GA, Bloomfield DM, Ponikowski P, O'Connor CM, Metra M, Massie BM, **PROTECT Steering Committee, Investigators, and Coordinators** (2010). Design and rationale of the PROTECT study: a placebo-controlled randomized study of the selective A1 adenosine receptor antagonist rolofylline for patients hospitalized with acute decompensated heart failure and volume overload to assess treatment effect *J Card Fail* 16: 25-35. (3,362)