

## Qualifikationen

Medizin, Habilitation, Habil Test-Titel, Friedrich-Alexander-Universität Erlangen-Nürnberg  
Datum der Vergabe: 19.12.1996

Medizin, Dr. med., title of dissertation, Friedrich-Alexander-Universität Erlangen-Nürnberg  
Datum der Vergabe: 01.01.1978

2002 → 2008 gewählter Fachkollegiat der DFG

2003 → ... Fachimmunologe (DGfI)

1985 → ... Facharzt für Mikrobiologie und Hygiene, FA

## Organisationszugehörigkeiten

### **Past-Präsident der Paul-Ehrlich-Gesellschaft**

Paul-Ehrlich-Gesellschaft für antimikrobielle Chemotherapie e. V.  
Deutschland

01.10.2018 → 30.09.2020

### **Präsident der Paul-Ehrlich-Gesellschaft**

Paul-Ehrlich-Gesellschaft für antimikrobielle Chemotherapie e. V.  
Deutschland

01.10.2016 → 30.09.2018

### **Vizepräsident der Paul-Ehrlich-Gesellschaft**

Paul-Ehrlich-Gesellschaft für antimikrobielle Chemotherapie e. V.  
Deutschland

01.10.2014 → 30.09.2016

### **Vorstand der Renate-Maaß-Stiftung**

Renate-Maaß-Stiftung Lübeck  
Lübeck, Deutschland

01.01.2009 → gegenwärtig

## Publikationen

### **Chronic Inflammation Disrupts Circadian Rhythms in Splenic CD4+ and CD8+ T Cells in Mice**

Hirose, M., Leliavski, A., de Assis, L. V. M., Matveeva, O., Skrum, L., Solbach, W., Oster, H. & Heyde, I., 13.01.2024, in: Cells. 13, 2, 151.

### **Dynamics of immunity over time: decline of anti-SARS-CoV-2 IgG antibodies and T-cell responses after mRNA vaccination in residents and health care workers in nursing homes and homes with assisted living support**

Schiffner, J., Eisemann, N., Baltus, H., Jensen, S., Wunderlich, K., Schuesseler, S., Eicker, C., Teegen, B., Boniakowsky, D., Solbach, W. & Mischnik, A., 2023, in: GMS infectious diseases. 11, S. Doc02

### **Long-Term Course of Humoral and Cellular Immune Responses in Outpatients After SARS-CoV-2 Infection**

Schiffner, J., Backhaus, I., Rimmele, J., Schulz, S., Möhlenkamp, T., Klemens, J. M., Zapf, D., Solbach, W. & Mischnik, A., 27.09.2021, in: Frontiers in Public Health. 9, 732787.

### **Antibody Profiling of COVID-19 Patients in an Urban Low-Incidence Region in Northern Germany**

Solbach, W., Schiffner, J., Backhaus, I., Burger, D., Staiger, R., Tiemer, B., Bobrowski, A., Hutchings, T. & Mischnik, A., 22.09.2020, in: Frontiers in Public Health. 8, 570543.

### **Combined culture and metagenomic analyses reveal significant shifts in the composition of the cutaneous microbiome in psoriasis**

Langan, E. A., Künstner, A., Miodovnik, M., Zillikens, D., Thaçi, D., Baines, J. F., Ibrahim, S. M., Solbach, W. & Knobloch, J. K., 12.05.2019, in: British Journal of Dermatology.

**RATIONALE ENTSCHEIDUNGEN UNTER UNSICHERHEIT: Wissen, was ist, um zu wissen, was kommt**

Solbach, W., 01.12.2018, *Rationale Entscheidungen unter Unsicherheit*. Fleischer, B., Lauterbach, R. & Pawlik, K. (Hrsg.). Berlin/Boston: Walter de Gruyter GmbH, S. 39 - 46 7 S. (Abhandlungen der Akademie der Wissenschaften in Hamburg; Band 8).

**Type-1 interferons prolong the lifespan of neutrophils by interfering with members of the apoptotic cascade**

Aga, E., Mukherjee, A., Rane, D., More, V., Patil, T., van Zandbergen, G., Solbach, W., Dandapat, J., Tackenberg, H., Ohms, M., Sarkar, A. & Laskay, T., 01.01.2018, in: *Cytokine*.

**The role of the microbiome in Psoriasis: Moving from disease description to treatment selection? moving from disease description to treatment selection?**

Langan, E. A., Griffiths, C. E. M., Solbach, W., Knobloch, J. K., Zillikens, D. & Thaçi, D., 2018, in: *British Journal of Dermatology*. 178, 5, S. 1020-1027 8 S.

**"Life-like" assessment of antimicrobial surfaces by a new touch transfer assay displays strong superiority of a copper alloy compared to silver containing surfaces**

Knobloch, J. K. M., Tofern, S., Kunz, W., Schütze, S., Riecke, M., Solbach, W. & Wuske, T., 01.11.2017, in: *PLoS ONE*. 12, 11, e0187442.

**Lymphocyte Circadian Clocks Control Lymph Node Trafficking and Adaptive Immune Responses**

Druzd, D., Matveeva, O., Ince, L., Harrison, U., He, W., Schmal, C., Herzel, H., Tsang, A. H., Kawakami, N., Leliavski, A., Uhl, O., Yao, L., Sander, L. E., Chen, C. S., Kraus, K., de Juan, A., Hergenhan, S. M., Ehlers, M., Koletzko, B. & Haas, R. & 3 mehr, Solbach, W., Oster, H. & Scheiermann, C., 17.01.2017, in: *Immunity*. 46, 1, S. 120-132 13 S.

**IL-16 and MIF: Messengers beyond neutrophil cell death**

Roth, S., Solbach, W. & Laskay, T., 14.01.2016, in: *Cell Death and Disease*. 7, S. e2049

**Dimethylfumarate impairs neutrophil functions**

Müller, S., Behnen, M., Bieber, K., Möller, S., Hellberg, L., Witte, M., Hänsel, M., Zillikens, D., Solbach, W., Laskay, T. & Ludwig, R. J., 01.01.2016, in: *Journal of Investigative Dermatology*. 136, 1, S. 117-126 10 S.

**Hypertension and mild chronic kidney disease persist following severe haemolytic uraemic syndrome caused by Shiga toxin-producing Escherichia coli O104: H4 in adults**

Derad, I., Obermann, B., Katalinic, A., Eisemann, N., Knobloch, J. K. M., Sayk, F., Wellhöner, P., Lehnert, H., Solbach, W., Süfke, S., Steinhoff, J. & Nitschke, M., 01.01.2016, in: *Nephrology Dialysis Transplantation*. 31, 1, S. 95-103 9 S.

**Transcription regulates HIF-1 $\alpha$  expression in CD4<sup>+</sup> T cells**

Bollinger, T., Bollinger, A., Gies, S., Feldhoff, L., Solbach, W. & Rupp, J., 01.01.2016, in: *Immunology and Cell Biology*. 94, 1, S. 109-113 5 S.

**Secondary necrotic neutrophils release interleukin-16C and macrophage migration inhibitory factor from stores in the cytosol**

Roth, S., Agthe, M., Eickhoff, S., Möller, S., Karsten, C. M., Borregaard, N., Solbach, W. & Laskay, T., 30.11.2015, in: *Cell Death Discovery*. 1, S. 15056 1 S.

**Mechanisms of apoptosis inhibition in Chlamydia pneumoniae-infected neutrophils**

Sarkar, A., Möller, S., Bhattacharyya, A., Behnen, M., Rupp, J., van Zandbergen, G., Solbach, W. & Laskay, T., 01.09.2015, in: *International Journal of Medical Microbiology*. 305, 6, S. 493-500 8 S.

**The role of endoplasmic reticulum-related BiP/GRP78 in interferon gamma-induced persistent Chlamydia pneumoniae infection**

Shima, K., Klinger, M., Schütze, S., Kaufhold, I., Solbach, W., Reiling, N. & Rupp, J., 07.2015, in: *Cellular Microbiology*. 17, 7, S. 923-34 12 S.

**Production, crystallization and X-ray diffraction analysis of the protease CT441 from Chlamydia trachomatis**

Kohlmann, F., Shima, K., Rupp, J., Solbach, W., Hilgenfeld, R. & Hansen, G., 01.01.2015, in: Acta Crystallographica Section:F Structural Biology Communications. 71, S. 1454-1458 5 S.

**Structural basis of the proteolytic and chaperone activity of Chlamydia trachomatis CT441**

Kohlmann, F., Shima, K., Hilgenfeld, R., Solbach, W., Rupp, J. & Hansen, G., 01.01.2015, in: Journal of Bacteriology. 197, 1, S. 211-218 8 S.

**Immobilized immune complexes induce neutrophil extracellular trap release by human neutrophil granulocytes via FcγRIIIB and Mac-1**

Behnen, M., Leschczyk, C., Möller, S., Batel, T., Klinger, M., Solbach, W. & Laskay, T., 15.08.2014, in: Journal of immunology (Baltimore, Md. : 1950). 193, 4, S. 1954-65 12 S.

**Recurrent abscesses of the neck: Scrofuloderma**

Haase, O., Von Thomsen, A. J., Zillikens, D., Solbach, W. & Kahle, B., 01.01.2014, in: JAMA Dermatology. 150, 8, S. 909-910 2 S.

**Surveillanceberichte zu Erregern und Antibiotikaresistenzen - eine Empfehlung zur Standardisierung**

Warnke, P., Aepfelbacher, M., Fickenscher, H., Solbach, W., Steinmetz, I. & Podbielski, A., 01.01.2014, in: Deutsche Medizinische Wochenschrift. 139, 25-26, S. 1377-1382 6 S.

**Whole-genome sequencing for risk assessment of long-term shiga toxin-producing Escherichia coli**

Knobloch, J. K. M., Niemann, S., Kohl, T. A., Lindner, U., Nitschke, M., Sayk, F. & Solbach, W., 01.01.2014, in: Emerging Infectious Diseases. 20, 4, S. 732-733 2 S.

**HIF-1α- and hypoxia-dependent immune responses in human CD4+CD25high T cells and T helper 17 cells.**

Bollinger, T., Gies, S., Naujoks, J., Feldhoff, L., Bollinger, A., Solbach, W. & Rupp, J., 2014, in: Journal of Leukocyte Biology. 96, August, S. 1-8 8 S.

**Flavonoids and 5-aminosalicylic acid inhibit the formation of neutrophil extracellular traps**

Kirchner, T., Hermann, E., Möller, S., Klinger, M., Solbach, W., Laskay, T. & Behnen, M., 01.12.2013, in: Mediators of Inflammation. 2013, 710239.

**Methylprednisolone blocks autoantibody-induced tissue damage in experimental models of bullous pemphigoid and epidermolysis bullosa acquisita through inhibition of neutrophil activation**

Hellberg, L., Samavedam, U. K. S. R. L., Holdorf, K., Hänsel, M., Recke, A., Beckmann, T., Steinhorst, K., Boehncke, W. H., Kirchner, T., Möckel, N., Solbach, W., Zillikens, D., Schmidt, E., Ludwig, R. J. & Laskay, T., 01.10.2013, in: Journal of Investigative Dermatology. 133, 10, S. 2390-2399 10 S.

**Activities of first-choice antimicrobials against gamma interferon-treated Chlamydia trachomatis differ in hypoxia**

Shima, K., Klinger, M., Solbach, W. & Rupp, J., 06.2013, in: Antimicrobial Agents and Chemotherapy. 57, 6, S. 2828-30 3 S.

**Duration of fecal shedding of Shiga toxin-producing Escherichia coli O104:H4 in patients infected during the 2011 outbreak in Germany: a multicenter study**

Vonberg, R. P., Höhle, M., Aepfelbacher, M., Bange, F. C., Belmar Campos, C., Claussen, K., Christner, M., Cramer, J. P., Haller, H., Hornef, M., Fickenscher, H., Fraedrich, K., Knobloch, J. K., Kühbacher, T., Manns, M. P., Nitschke, M., Peters, G., Pulz, M., Rohde, H. & Roseland, R. T. & 7 mehr, Sayk, F., Schaumburg, F., Schöcklmann, H. O., Schubert, S., Solbach, W., Karch, H. & Suerbaum, S., 04.2013, in: Clinical infectious diseases : an official publication of the Infectious Diseases Society of America. 56, 8, S. 1132-40 9 S.

**Lessons learned from outbreaks of shiga toxin producing escherichia coli**

Hauswaldt, S., Nitschke, M., Sayk, F., Solbach, W. & Knobloch, J. K. M., 01.02.2013, in: Current Infectious Disease Reports. 15, 1, S. 4-9 6 S.

**Infection of neutrophil granulocytes with *Leishmania major* activates ERK 1/2 and modulates multiple apoptotic pathways to inhibit apoptosis**

Sarkar, A., Aga, E., Bussmeyer, U., Bhattacharyya, A., Möller, S., Hellberg, L., Behnen, M., Solbach, W. & Laskay, T., 02.2013, in: *Medical Microbiology and Immunology*. 202, 1, S. 25-35 11 S.

**Host metabolism promotes growth of *Chlamydia pneumoniae* in a low oxygen environment**

Szaszák, M., Shima, K., Käding, N., Hannus, M., Solbach, W. & Rupp, J., 01.01.2013, in: *International Journal of Medical Microbiology*. 303, 5, S. 239-246 8 S.

**The impact of various reactive oxygen species on the formation of neutrophil extracellular traps**

Kirchner, T., Müller, S., Klinger, M., Solbach, W., Laskay, T. & Behnen, M., 21.05.2012, in: *Mediators of Inflammation*. 2012, 849136.

**Infection with *Anaplasma phagocytophilum* activates the phosphatidylinositol 3-Kinase/Akt and NF- $\kappa$ B survival pathways in neutrophil granulocytes**

Sarkar, A., Hellberg, L., Bhattacharyya, A., Behnen, M., Wang, K., Lord, J. M., Möller, S., Kohler, M., Solbach, W. & Laskay, T., 04.2012, *Infection and Immunity*. S. 1615-1623 9 S. (*Infection and Immunity*; Band 80).

**Association between azithromycin therapy and duration of bacterial shedding among patients with shiga toxin-producing enteroaggregative *Escherichia coli* O104:H4**

Nitschke, M., Sayk, F., Härtel, C., Roseland, R. T., Hauswaldt, S., Steinhoff, J., Fellermann, K., Derad, I., Wellhöner, P., Büning, J., Tiemer, B., Katalinic, A., Rupp, J., Lehnert, H., Solbach, W. & Knobloch, J. K. M., 14.03.2012, *JAMA - Journal of the American Medical Association*. S. 1046-1052 7 S. (*JAMA - Journal of the American Medical Association*; Band 307).

**Circadian clocks in mouse and human CD4+ T cells**

Bollinger, T., Leutz, A., Leliavski, A., Skrum, L., Kovac, J., Bonacina, L., Benedict, C., Lange, T., Westermann, J., Oster, H. & Solbach, W., 28.12.2011, in: *PLoS ONE*. 6, 12, e29801.

**Foreword**

Solbach, W., 01.12.2011, *Neutrophils in Infectious Diseases*. Bentham Science Publishers Ltd.

**Proinflammatory stimuli enhance phagocytosis of apoptotic cells by neutrophil granulocytes**

Hellberg, L., Fuchs, S., Gericke, C., Sarkar, A., Behnen, M., Solbach, W. & Laskay, T., 01.12.2011, in: *TheScientificWorldJournal*. 11, S. 2230-2236 7 S.

**Fluorescence lifetime imaging unravels *C. trachomatis* metabolism and its crosstalk with the host cell**

Szaszák, M., Steven, P., Shima, K., Orzekowsky-Schröder, R., Hüttmann, G., König, I. R., Solbach, W. & Rupp, J., 01.07.2011, in: *PLoS Pathogens*. 7, 7, e1002108.

**Impact of a low-oxygen environment on the efficacy of antimicrobials against intracellular *Chlamydia trachomatis***

Shima, K., Szaszák, M., Solbach, W., Gieffers, J. & Rupp, J., 01.05.2011, in: *Antimicrobial Agents and Chemotherapy*. 55, 5, S. 2319-2324 6 S.

**The influence of regulatory T cells and diurnal hormone rhythms on T helper cell activity**

Bollinger, T., Bollinger, A., Naujoks, J., Lange, T. & Solbach, W., 01.12.2010, in: *Immunology*. 131, 4, S. 488-500 13 S.

**Sleep, immunity, and circadian clocks: A mechanistic model**

Bollinger, T., Bollinger, A., Oster, H. & Solbach, W., 01.10.2010, in: *Gerontology*. 56, 6, S. 574-580 7 S.

**T cells are required for the production of blister-inducing autoantibodies in experimental epidermolysis bullosa acquisita**

Sitaru, A. G., Sesarman, A., Mihai, S., Chiriac, M. T., Zillikens, D., Hultman, P., Solbach, W. & Sitaru, C., 01.02.2010, in: *Journal of Immunology*. 184, 3, S. 1596-1603 8 S.

**Impairment of gamma interferon signaling in human neutrophils infected with *Anaplasma phagocytophilum***

Bussmeyer, U., Sarkar, A., Broszat, K., Lüdemann, T., Möller, S., Van Zandbergen, G., Bogdan, C., Behnen, M., Dumler, J. S., Von Loewenich, F. D., Solbach, W. & Laskay, T., 01.01.2010, in: *Infection and Immunity*. 78, 1, S. 358-363 6 S.

**Phagocytosis of apoptotic cells by neutrophil granulocytes: Diminished proinflammatory neutrophil functions in the presence of apoptotic cells**

Esmann, L., Idel, C., Sarkar, A., Hellberg, L., Behnen, M., Möller, S., Van Zandbergen, G., Klinger, M., Köhl, J., Bussmeyer, U., Solbach, W. & Laskay, T., 01.01.2010, in: *Journal of Immunology*. 184, 1, S. 391-400 10 S.

**7. Analysis of the molecular clock in CD4+ T cells and its relevance for the functional circadian rhythm of CD4+ T cells**

Bollinger, T., Leutz, A., Kovac, J., Oster, H., Lange, T., Benedict, C. & Solbach, W., 01.07.2009, in: *Brain Behavior and Immunity - BRAIN BEHAV IMMUN*. 23, S. 10-10 1 S.

***Chlamydia pneumoniae* hides inside apoptotic neutrophils to silently infect and propagate in macrophages**

Rupp, J., Pfeleiderer, L., Jugert, C., Moeller, S., Klinger, M., Dalhoff, K., Solbach, W., Stenger, S., Laskay, T. & van Zandbergen, G., 23.06.2009, in: *PLoS ONE*. 4, 6, e6020.

**Meeting Report IFoLeish-2008: Current Status and Future Challenges in Leishmania Research and Leishmaniasis**

Zimmermann, S., Moll, H., Solbach, W. & Lüder, C. G. K., 01.05.2009, in: *Protist*. 160, 2, S. 151-158 8 S.

**Sleep-dependent activity of T cells and regulatory T cells**

Bollinger, T., Bollinger, A., Skrum, L., Dimitrov, S., Lange, T. & Solbach, W., 01.02.2009, in: *Clinical and Experimental Immunology*. 155, 2, S. 231-238 8 S.

**Erfolgreiches Bündel von Präventionsmaßnahmen bei hoher CDAD-Inzidenz in einem Universitätsklinikum**

Mattner, F., Winterfeld, I., Knobloch, J. & Solbach, W., 01.09.2008, in: *Hygiene + Medizin*. 33, 9, S. 346-352 7 S.

**MALDI-TOF mass spectrometry**

Kalogeropoulou, E., Solbach, W. & Knobloch, J., 01.09.2008, in: *Acta Microbiologica Hellenica*. 53, 5, S. 258-267 10 S.

**Neutrophil granulocytes as host cells and transport vehicles for intracellular pathogens: Apoptosis as infection-promoting factor**

Laskay, T., van Zandbergen, G. & Solbach, W., 14.05.2008, in: *Immunobiology*. 213, 3-4, S. 183-191 9 S.

**Variation in the mutation frequency determining quinolone resistance in *Chlamydia trachomatis* serovars L2 and D**

Rupp, J., Solbach, W. & Gieffers, J., 01.01.2008, in: *Journal of Antimicrobial Chemotherapy*. 61, 1, S. 91-94 4 S.

**Genetic diversity of the obligate intracellular bacterium *Chlamydia pneumoniae* by genome-wide analysis of single nucleotide polymorphisms: Evidence for highly clonal population structure**

Rattei, T., Ott, S., Gutacker, M., Rupp, J., Maass, M., Schreiber, S., Solbach, W., Wirth, T. & Gieffers, J., 04.10.2007, in: *BMC Genomics*. 8, 355.

***Chlamydia pneumoniae* directly interferes with HIF-1 $\alpha$  stabilization in human host cells**

Rupp, J., Gieffers, J., Klinger, M., van Zandbergen, G., Wrase, R., Maass, M., Solbach, W., Deiwick, J. & Hellwig-Burgel, T., 01.09.2007, in: *Cellular Microbiology*. 9, 9, S. 2181-2191 11 S.

**Prevalence, genetic conservation and transmissibility of the *Chlamydia pneumoniae* bacteriophage ( $\phi$ Cpn1)**

Rupp, J., Solbach, W. & Gieffers, J., 01.08.2007, in: *FEMS Microbiology Letters*. 273, 1, S. 45-49 5 S.

**Apoptosis driven infection**

van Zandbergen, G., Solbach, W. & Laskay, T., 01.06.2007, in: *Autoimmunity*. 40, 4, S. 349-352 4 S.

**Direct stimulatory effects of the TLR2/6 ligand bacterial lipopeptide MALP-2 on neutrophil granulocytes**

Wilde, I., Lotz, S., Engelmann, D., Starke, A., Van Zandbergen, G., Solbach, W. & Laskay, T., 01.06.2007, in: Medical Microbiology and Immunology. 196, 2, S. 61-71 11 S.

**Detection of *Treponema pallidum* in the vitreous by PCR**

Müller, M., Ewert, I., Hansmann, F., Tiemann, C., Hagedorn, H. J., Solbach, W., Roeder, J., Nölle, B., Laqua, H. & Hoerauf, H., 01.05.2007, in: British Journal of Ophthalmology. 91, 5, S. 592-595 4 S.

**Evidence of direct interactions between the CC-chemokines CCL3, CCL4 and CCL5 and *Leishmania promastigotes***

Roychoudhury, K., Dasgupta, B., Sen, P., Laskay, T., Solbach, W., De, T. & Roy, S., 01.12.2006, in: Molecular and Biochemical Parasitology. 150, 2, S. 374-377 4 S.

**Erratum: *Leishmania* disease development depends on the presence of apoptotic promastigotes in the virulent inoculum (Proceedings of the National Academy of Sciences of the United States of America (September 12, 2006) 37, 103 (13837-13842) DOI: 10.1073/pnas.0600843103)**

Van Zandbergen, G., Bollinger, A., Wenzel, A., Kamhawi, S., Voll, R., Klinger, M., Müller, A., Hölscher, C., Herrmann, M., Sacks, D., Solbach, W. & Laskay, T., 31.10.2006, in: Proceedings of the National Academy of Sciences of the United States of America. 103, 44, 1 S.

***Leishmania* disease development depends on the presence of apoptotic promastigotes in the virulent inoculum**

Van Zandbergen, G., Bollinger, A., Wenzel, A., Kamhawi, S., Voll, R., Klinger, M., Müller, A., Hölscher, C., Herrmann, M., Sacks, D., Solbach, W. & Laskay, T., 12.09.2006, in: Proceedings of the National Academy of Sciences of the United States of America. 103, 37, S. 13837-13842 6 S.

**Influence of a new surface modification of intraocular lenses with fluoroalkylsilan on the adherence of endophthalmitis-causing bacteria in vitro**

Kienast, A., Kämmerer, R., Weiss, C., Klinger, M., Menz, D. H., Drespe, J., Ohgke, H., Solbach, W., Laqua, H. & Hoerauf, H., 01.09.2006, in: Graefes Archive for Clinical and Experimental Ophthalmology. 244, 9, S. 1171-1177 7 S.

**$\beta$ -lactam antibiotic-induced release of lipoteichoic acid from *Staphylococcus aureus* leads to activation of neutrophil granulocytes**

Lotz, S., Starke, A., Ziemann, C., Morath, S., Hartung, T., Solbach, W. & Laskay, T., 27.06.2006, in: Annals of Clinical Microbiology and Antimicrobials. 5, 15.

**Be aware of the possibility of false-positive results in single-locus PCR assays for methicillin-resistant *Staphylococcus aureus* [3]**

Rupp, J., Fenner, I., Solbach, W. & Gieffers, J., 01.06.2006, in: Journal of Clinical Microbiology. 44, 6, 1 S.

**Single-nucleotide-polymorphism-specific PCR for quantification and discrimination of *Chlamydia pneumoniae* genotypes by use of a "locked" nucleic acid**

Rupp, J., Solbach, W. & Gieffers, J., 01.05.2006, in: Applied and Environmental Microbiology. 72, 5, S. 3785-3787 3 S.

Erratum: Transmission of *Chlamydia pneumoniae* infection from blood monocytes to vascular cells in a novel transendothelial migration model (FEMS Microbiology Letters (2005) 242 (203-208) DOI: 10.1016/j.femsle.2004.11.010 Rupp, J., Koch, M., Van Zandbergen, G., Solbach, W., Brandt, E. & Maass, M., 01.09.2005, in: FEMS Microbiology Letters. 250, 1, 1 S.

**Growth cycle-dependent pharmacodynamics of antichlamydial drugs**

Siewert, K., Rupp, J., Klinger, M., Solbach, W. & Gieffers, J., 01.05.2005, in: Antimicrobial Agents and Chemotherapy. 49, 5, S. 1852-1856 5 S.

**Rapid manifestation of cervical vertebral osteomyelitis**

Spuck, S., Arnold, H., Kranz, R., Solbach, W. & Kaemmerer, R., 01.03.2005, in: Acta Neurochirurgica. 147, 3, S. 671-673 3 S.

**Transmission of Chlamydia pneumoniae infection from blood monocytes to vascular cells in a novel transendothelial migration model**

Rupp, J., Koch, M., Van Zandbergen, G., Solbach, W., Brandt, E. & Maass, M., 15.01.2005, in: FEMS Microbiology Letters. 242, 2, S. 203-208 6 S.

**Serine-to-asparagine substitution in the GyrA gene leads to quinolone resistance in moxifloxacin-exposed Chlamydia pneumoniae**

Rupp, J., Gebert, A., Solbach, W. & Maass, M., 01.01.2005, in: Antimicrobial Agents and Chemotherapy. 49, 1, S. 406-407 2 S.

**Cutting edge: Neutrophil granulocyte serves as a vector for Leishmania entry into macrophages**

Van Zandbergen, G., Klinger, M., Mueller, A., Dannenberg, S., Gebert, A., Solbach, W. & Laskay, T., 01.12.2004, in: Journal of Immunology. 173, 11, S. 6521-6525 5 S.

**CD14 promoter polymorphism - 159C> T is associated with susceptibility to chronic Chlamydia pneumoniae infection in peripheral blood monocytes**

Rupp, J., Goepel, W., Kramme, E., Jahn, J., Solbach, W. & Maass, M., 01.08.2004, in: Genes and Immunity. 5, 5, S. 435-438 4 S.

**Alveolar epithelial cells type II are major target cells for C. pneumoniae in chronic but not in acute respiratory infection**

Rupp, J., Droemann, D., Goldmann, T., Zabel, P., Solbach, W., Vollmer, E., Branscheid, D., Dalhoff, K. & Maass, M., 01.07.2004, in: FEMS Immunology and Medical Microbiology. 41, 3, S. 197-203 7 S.

**First-Choice Antibiotics at Subinhibitory Concentrations Induce Persistence of Chlamydia pneumoniae**

Gieffers, J., Rupp, J., Gebert, A., Solbach, W. & Klinger, M., 01.04.2004, in: Antimicrobial Agents and Chemotherapy. 48, 4, S. 1402-1405 4 S.

**Hintergrundwerte von flüchtigen schimmelpilzmetaboliten in unbelasteten wohngebäuden**

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## Projekte

**GRK 288: Strukturen und Mediatoren der Zellinteraktion**

Solbach, W. (Beteiligte\*r Wissenschaftler\*in) & Jelkmann, W. (Sprecher\*in, Koordinator\*in)  
01.01.97 → 31.12.05

**Leishmaniosis in Israel and the West Bank: Immunology, Epidemiology, Diagnosis and Novel Approaches for Control**  
Solbach, W. (Projektleiter\*in (PI))  
01.01.98 → 31.12.04

**SFB 263, Teilprojekt A1: Die Dynamik der lokalen Abwehrreaktion und der Erregerverbreitung in der Frühphase der Infektion mit Leishmania major**  
Solbach, W. (Projektleiter\*in (PI))  
01.01.91 → 31.12.02

**SFB 367, Teilprojekt B10: Neutrophile Granulozyten: Erregererkennung und Zytokinproduktion**  
Laskay, T. (Projektleiter\*in (PI)) & Solbach, W. (Projektleiter\*in (PI))  
01.01.97 → 31.12.05

**SFB 654, Teilprojekt C03: Schlaf und Kontrolle der antimikrobiellen Immunantwort durch CD4+CD25+ regulatorische T-Zellen**  
Solbach, W. (Projektleiter\*in (PI))  
01.01.05 → 31.12.09

**SFB 654, Teilprojekt C08: Zirkadiane und Schlafeffekte in der Zytokinregulation**  
Solbach, W. (Projektleiter\*in (PI)) & Oster, H. (Projektleiter\*in (PI))  
01.01.09 → 31.12.17

**SPP 1110, Teilprojekt: Die Rolle neutrophiler Granulozyten als Zielzellen und Transportvehikel für intrazelluläre Pathogene**  
Solbach, W. (Beteiligte Person) & Laskay, T. (Projektleiter\*in (PI))  
01.01.02 → 31.07.07