

## 12 Publikationen

Die vorliegende Dissertation wurde in Teilen in folgenden Publikationen veröffentlicht:

### **Patente:**

Müller, R. H., Mäder, K., Krause, K., Verfahren zur schonenden Herstellung von hochfeinen Mikropartikeln und Nanopartikeln, Deutsche Patentanmeldung Nr. 199 32 157.4 (1999).

### **Begutachtete Publikationen:**

Krause, K. P., Kayser, O., Mäder, K., Gust, R., Müller, R. H., Heavy metal contamination of nanosuspensions produced by high-pressure homogenisation, *Int J Pharm* 196, 169-172, 2000.

Krause, K., Müller, R. H., Production and characterisation of highly concentrated nanosuspensions by high pressure homogenisation, *Int J Pharm* 214, 21-24, 2001.

Schöler, N., Krause, K., Kayser, O., Müller, R. H., Hartwig, H., Hahn, H., Liesenfeld, O., Atovaquone nanosuspensions show excellent therapeutic effect in a new murine model of reactivated toxoplasmosis, *Antimicrobial Agents and Chemotherapy*, 1771-1779, 2001.

Krause, K. Müller, R. H., Production of aqueous shellac dispersions by high pressure homogenisation, *Int J Pharm* 223, 89-92, 2001.

### **Proceedings:**

Schöler, N., Krause, K., Kayser, O., Müller, R. H., Hahn, H., Liesenfeld, O., In vitro efficacy of atovaquone nanosuspensions against *Toxoplasma gondii*, 3rd World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology APGI/APV, Berlin, 437-438, 2000.

Krause, K., Müller, R. H., Mäder, K., Preparation and physical stability of nanosuspensions produced by high pressure homogenisation, 3rd World Meeting on Pharmaceuticals, Biopharmaceutics and Pharmaceutical Technology APGI/APV, Berlin, 433-434, 2000.

Krause, K. P., Nicholson, I., Panagiotelis, I., Müller, R. H., Mäder, K., Production of charcoal microparticles as colloidal oxygen sensor by high pressure homogenisation, Int Symp Control Rel Bioact Mater 27, Abstr. no. 6154, 2000.

Krause, K. P., Müller, R. H., Production of aqueous shellac dispersions for coating of tablets and pellets by high pressure homogenisation, Int Symp Control Rel Bioact Mater 28, 722-723, 2001.

Krause, K., Rogaschewski, S., Niehus, H., Müller, R. H., DirectCompress: a matrix-exciipient compound for direct compression of prolonged release tablettts with high polymer content, 4th World Meeting on Pharmaceuticals, Biopharmaceutics and Pharmaceutical Technology ADRITELF/APV/APGI, Florence, 271.272, 2002.

**Abstracts:**

Schöler, N., Krause, K., Kayser, O., Müller, R. H., Hahn, H., Liesenfeld, O., Atovaquone nanosuspensions are effective against *Toxoplasma gondii* in vitro, 1. Gemeinsamer Kongreß der DGHM, ÖGHMP und VAAM, Biospektrum 2000 – Sonderausgabe -, Poster 15.P.16.01, München, 12.-16. März 2000.

Krause, K. P., Mäder, K., Müller, R. H., Production and characterisation of nanosuspensions (DissoCubes<sup>®</sup>) and solid polymer nanoparticles (SPN<sup>®</sup>) by higher pressure homogenisation, European Workshop on Particulate Systems (EWPS), Utrecht, 27.-29. April 2000.