

Curriculum Vitae

Personal information **Walter Matheis**

Work experience

1. Employer: Paul_Ehrlich_Institut
 - Start date: 031996
 - End date:
 - Position: scientist
 - Activities: quality assessment of applications (licensing, life-cycle management, clinical trials) for human microbiological vaccines
 - Country: Germany
2. Employer: JWG_University Frankfurt
 - Start date: 041987
 - End date: 051988
 - Position: Diploma Student
 - Activities: Training of students Research on reactivity of small molecules at surfaces
 - Country: Germany
3. Employer: University of Stuttgart
 - Start date: 071988
 - End date: 121994
 - Position: PhD student
 - Activities: Training of students; Synthesis and characterisation of heavy metal complexes with acceptor ligands
 - Country: Germany

Education and training

1. Subject: JWG_University of Frankfurt
 - Start date: 101981
 - End date: 051988
 - Qualification: Diploma Thesis
 - Organisation: Studying Chemistry Diploma in Chemistry Thesis in inorganic chemistry: Reactivity of small molecules at acidic and basic surfaces
 - Country: Germany
2. Subject: University of Stuttgart
 - Start date: 071988
 - End date: 121994
 - Qualification: PhD in chemistry
 - Organisation: Synthesis and characterisation of heavy metal complexis with acceptor ligands
 - Country: Germany

Additional information

Publications

Hartinger J, Matheis W (1998): Steckbriefe immunologischer Adjuvantien: II Aluminium_Gele. Der Tierschutzbeauftragte: 47_48. Walter Matheis, Albrecht Zott, Michael Schwanig The role of the adsorption process for production and control adsorbed vaccines, Vaccine, Vol. 20(1+2), 65 _ 73 (2001) Matheis W, Schade R. Development of an IgY_based rocket_immunoelctrophoresis for identity monitoring of Pertussis vaccines. J. Immunol. Methods, 369 (2011); 125_132 Matheis W, Merkle A. Ausflockungen in Adsorbatimpfstoffen, Bulletin zur Arzneimittelsicherheit, Ausgabe 1, 2012, pp 12_16. Oral presentations given: Walter Matheis Adsorptionsproblematik in Kombinationsimpfstoffen Paul_Ehrlich_Institut, Langen, 03.09.1996 Walter Matheis NMR_Spektroskopie zur Prüfung von Polysaccharid_Impfstoffen GDCh_NMR_Diskussionstagung "Praktische Probleme der Kernresonanzspektroskopie", Bochum, 18._19.01.1999 Walter Matheis, Volker Öppling Einsatz der NMR_Spektroskopie in der Chargenprüfung von Polysaccharid_Impfstoffen, GDCh_NMR_Diskussionstagung "Praktische Probleme der Kernresonanzspektroskopie", Bochum, 15._16.01.2001 Walter Matheis Correlation of nmr determined structural features and serological results for Pneumococcal C_ polysaccharide Symposium: Carbohydrate Vaccines and Bacterial Polysaccharides, American Chemical Society Division of Carbohydrate Chemistry, 222nd ACS National Meeting, Chicago, IL, 26. _ 30.08. 2001 Walter Matheis Kombination von 1H_ und 31P_NMR_Spektroskopie zur Optimierung von immunologischen Verfahren in der Wirksamkeitsprüfung von Impfstoffen. GDCh_NMR_Diskussionstagung "Praktische Probleme der Kernresonanzspektroskopie", Erlangen, 12._13.01.2004 Walter Matheis Kernresonanz an Impfstoffen _ was sagt das Arzneibuch dazu? GDCh_NMR_Diskussionstagung "Praktische Probleme der Kernresonanzspektroskopie", Bochum, 15._16.01.2005 Matheis, W. "Freeze damage in aluminium salt adjuvanted vaccines", Modern Vaccines Adjuvants & Delivery Systems 2012, Kopenhagen, 4._6. Juli 2012 Weisser K, Matheis W, Keller_Stanislawski B (2017): Entwicklung eines PBTK_Modells für die Risikobewertung der Aluminiumexposition aus Adjuvantien. Bulletin zur Arzneimittelsicherheit 8: 26_29 Weisser K, Stübler S, Matheis W, Huisinga W (2017): Towards toxicokinetic modelling of aluminium exposure from adjuvants in medicinal products. Regul Toxicol Pharmacol 88: 310_321. Silge A, Bocklitz T, Becker B, Matheis W, Popp J, Bekereldjian_Ding I (2018): Raman spectroscopy_based identification of toxoid vaccine products. NPJ Vaccines 3:50.

Projects

Memberships

Other Relevant Information