

Short CV Eric Giannoni

Dr Eric Giannoni is a board certified specialist in Pediatrics, Neonatology and Intensive Care Medicine. In 1997, he received his medical degree from the University of Lausanne, Switzerland, where he also trained in Pediatrics and Neonatology. Between 2003 and 2006, he performed a clinical and research fellowship in neonatal and perinatal medicine at the University of California, San Francisco. He has been working as a consultant in the Neonatal Intensive Care Unit of the University Hospital of Lausanne since 2006.

The research of Eric Giannoni is focused on neonatal innate immunity and sepsis. Through experimental studies, he has identified specific mechanisms that regulate host-pathogen interactions in early life. He has conducted and participated in clinical studies on the epidemiology, diagnosis and treatment of sepsis. His research has received awards and support from several institutions and foundations, including the Swiss National Science Foundation, the Leenaards Foundation and the European Society of Pediatric Research. Eric Giannoni is a Senior Council member of the section on Inflammation, Infection, Immunology and Immunization of the European Society for Pediatric Research

Selected recent publications:

The full publication list is available on: <http://orcid.org/0000-0003-0897-6529>

1. Schneider A, Weier M, Herderschee J, Perreau M, Calandra T, Roger T, **Giannoni E**. "IRF5 Is a Key Regulator of Macrophage Response to Lipopolysaccharide in Newborns." *Front Immunol.* **2018** Jul 11;9:1597.
2. **Giannoni E**, Agyeman PKA, Stocker M, Posfay-Barbe KM, Heininger U, Spycher BD, Bernhard-Stirnemann S, Niederer-Loher A, Kahlert CR, Donas A, Leone A, Hasters P, Relly C, Riedel T, Kuehni C, Aebi C, Berger C, Schlapbach LJ; Swiss Pediatric Sepsis Study. "Neonatal Sepsis of Early Onset, and Hospital-Acquired and Community-Acquired Late Onset: A Prospective Population-Based Cohort Study." *J Pediatr.* **2018** Oct;201:106-114.e4.
3. Agyeman PKA, Schlapbach LJ, **Giannoni E**, Stocker M, Posfay-Barbe KM, Heininger U, Schindler M, Korten I, Konetzny G, Niederer-Loher A, Kahlert CR, Donas A, Leone A, Hasters P, Relly C, Baer W, Kuehni CE, Aebi C, Berger C; Swiss Pediatric Sepsis Study. "Epidemiology of blood culture-proven bacterial sepsis in children in Switzerland: a population-based cohort study." *The Lancet Child & Adolescent Health.* **2017** Oct;1: 124–33.
4. Roger T, Schlapbach LJ, Schneider A, Weier M, Wellmann S, Marquis P, Vermijlen D, Sweep F, Leng L, Bucala R, Calandra T, **Giannoni E**. "Plasma levels of macrophage migration inhibitory factor and D-dopachrome tautomerase show a highly specific profile in early life." *Front Immunol.* **2017** Jan 25;8:26.
5. Roger T, Schneider A, Weier M, Sweep F, Le Roy D, Bernhagen J, Calandra T, **Giannoni E**. "High expression levels of macrophage migration inhibitory factor sustain the innate immune responses of neonates." *Proc Natl Acad Sci USA.* **2016** Feb 23;113(8):E997-E1005.
6. **Giannoni E**, Berger C, Stocker M, Agyeman P, Posfay-Barbe K, Heininger U, Konetzny G, Niederer-Loher A, Kahlert C, Donas A, Leone A, Hasters P, Relly C, Baer W, Aebi C, Schlapbach LJ. "Incidence and outcome of Group B streptococcal sepsis in Switzerland." *Pediatr Infect Dis Journal.* **2016** Feb;35(2):222-224.