

«SPITZENMEDIZIN VERBESSERT DIE ZUKUNFT DER KINDER»
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Podium Vormittag

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Raffaele Renella is Consultant Paediatric Haematologist-Oncologist at the Lausanne University Hospital (CHUV), and Head of the Paediatric Haematology Oncology Research Laboratory, Faculty of Biology & Medicine, University of Lausanne (UNIL). His main scientific interest is the study of the molecular pathogenesis of cancer and inherited blood disorders affecting children, and the translation of discoveries in this field into innovative diagnostic strategies and targeted therapeutic approaches. Recent work from his lab has highlighted novel cellular pathways involved in myelopoiesis associated with cancer predisposition, and the role of multi-omics in the study of diseased erythropoiesis.

After medical school at the University of Geneva, Raffaele trained in Paediatrics at the University Hospital of Lausanne, and in Paediatric Haematology/Immunology/Stem Cell Transplantation in Paris (France). In 2005, he was awarded the "Lord Florey Berrow Scholarship" of the University of Oxford (UK) to read for a PhD at the MRC Molecular Haematology Unit, Weatherall Institute of Molecular Medicine, and work as Honorary Clinical Specialist Registrar in Haematology at The John Radcliffe Hospital Oxford. In 2010, he joined Boston Children's Hospital, Dana Farber Cancer Institute, Harvard Medical School in Boston (USA), where he completed a Clinical & Research Fellowship. He was then promoted to Faculty at Harvard Medical School, and Attending Physician at the Dana-Farber/Boston Children's Cancer and Blood Disorders Center. In Boston, he performed SNSF-funded research on gene therapy for inherited disorders of haematopoiesis. In 2015, he was recruited back to Switzerland as Consultant in Paediatric Haematology Oncology at University Hospital of Lausanne (CHUV) and asked to lead the Paediatric Haematology Oncology Research Laboratory. Since 2019, he is a Fellow of the Royal College of Paediatrics and Child Health (UK). Among other commitments, he currently chairs the Paediatric Haematology Working Party of the Swiss Paediatric Oncology Group/Swiss Society of Paediatric Haematology-Oncology and is the Deputy Editor of « Blood Cells: Molecules & Disease » (Elsevier), a leading peer-reviewed journal established in 1975.