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Jean-Charles PICAUD is full Professor of Pediatrics since 2001. Trained at the School of Medicine in Lyon, France (Claude Bernard University Lyon 1), he became head of department of Neonatal and Pediatric intensive care unit in Montpellier, France until 2008. Since that time he is the head of department of Neonatal intensive care unit at Croix Rousse hospital in Lyon, France. He spent one year for research work in Liege university (Belgium), with professors Jacques Senterre and Jacques Rigo. He worked on the validation of dual-energy x-ray absorptiometry for body composition assessment in neonates and on evaluation of nutrient's utilization using nutrient's balances. Then he developed his clinical research in the field of neonatal and infant Nutrition, and particularly optimization of parenteral and enteral nutrition for very preterm infants. He works on the evolution of gut flora in extremely preterm infants, its impact on the health of very low birth weight infants and the effects of probiotics supplementation. He published also studies about nutrition of full-term neonates and infants, notably the impact of low protein intake on further risk on infant obesity. A major field of research is human milk for preterm infants: measurement of its composition, optimization of the fortification, best way to pasteurize human milk to preserve its quality. He is the head of the regional human milk bank that collects and distributes more than 10.000 liters of human milk on the Rhone-Alpes-Auvergne region (80.000 births a year). He is the President of European milk bank association (EMBA) and French human milk bank association (ADLF). He is member of the council of the French Neonatal Society, working in the committee on Nutrition of the French Neonatal Society.