

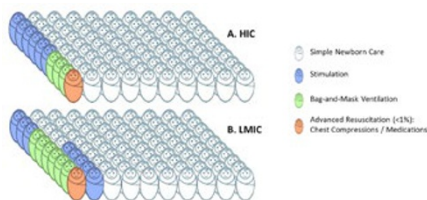
doi:10.1038/pr.2017.135

## Early Career Investigator



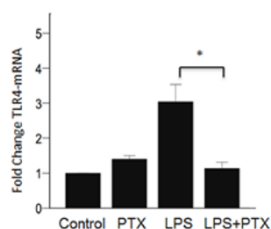
Congratulations to Simone Schüller, this issue's Early Career Investigator. She explains her career trajectory and describes the sources of her motivation. [See page 183](#)

## Elimination of preventable neonatal deaths



Kamath-Rayne and coauthors identify approaches to addressing gaps in health care and education that will help achieve the goals for reducing neonatal mortality set out in the World Health Organization's Every Newborn Action Plan. [See page 194](#)

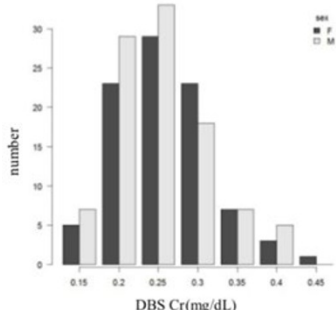
## Pentoxifylline modulates hyperinflammation



Seeking to elucidate the immunomodulating properties of pentoxifylline, Schüller *et al.* examined the response of human monocytes in

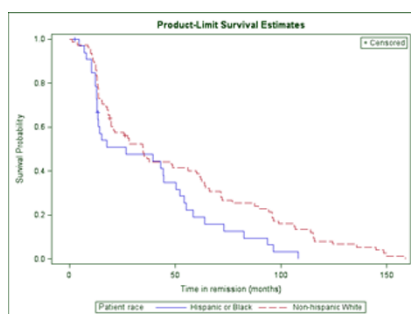
order to determine the influence of age on lipopolysaccharide-induced reactions. [See page 215](#)

## Normal reference values for creatinine in newborns



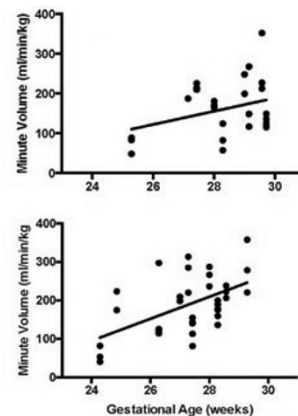
To facilitate early detection of congenital anomalies of the genitourinary system, Nakano *et al.* developed a tandem mass spectrometry method for measuring creatinine levels using newborns' blood spots. Their analysis of these spots in healthy term newborns enabled them to establish normal reference values. [See page 237](#)

## Racial and socioeconomic disparities in pediatric Cushing disease



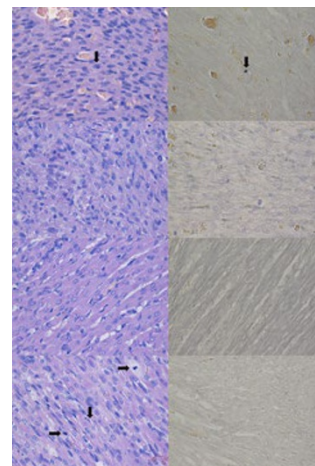
Gkourogianni *et al.* observed disparities in Cushing disease (CD) between non-Hispanic whites and minority children. Race was a significant predictor of CD severity and persistence after surgery. [See page 272](#)

## Caffeine increases preterm infants' respiratory drive



In a randomized controlled trial, Dekker *et al.* found that caffeine given to preterm infants in the delivery room increased their respiratory drive at 5–7 minutes of life. Further investigation is needed to determine the effect on clinical outcomes. [See page 290](#)

## Changes in cardiac gene expression following maternal hyperglycemia



Lehtoranta *et al.* observed altered gene expression in rat hearts at postnatal day 14 in pups born to dams with hyperglycemia during pregnancy. [See page 356](#)