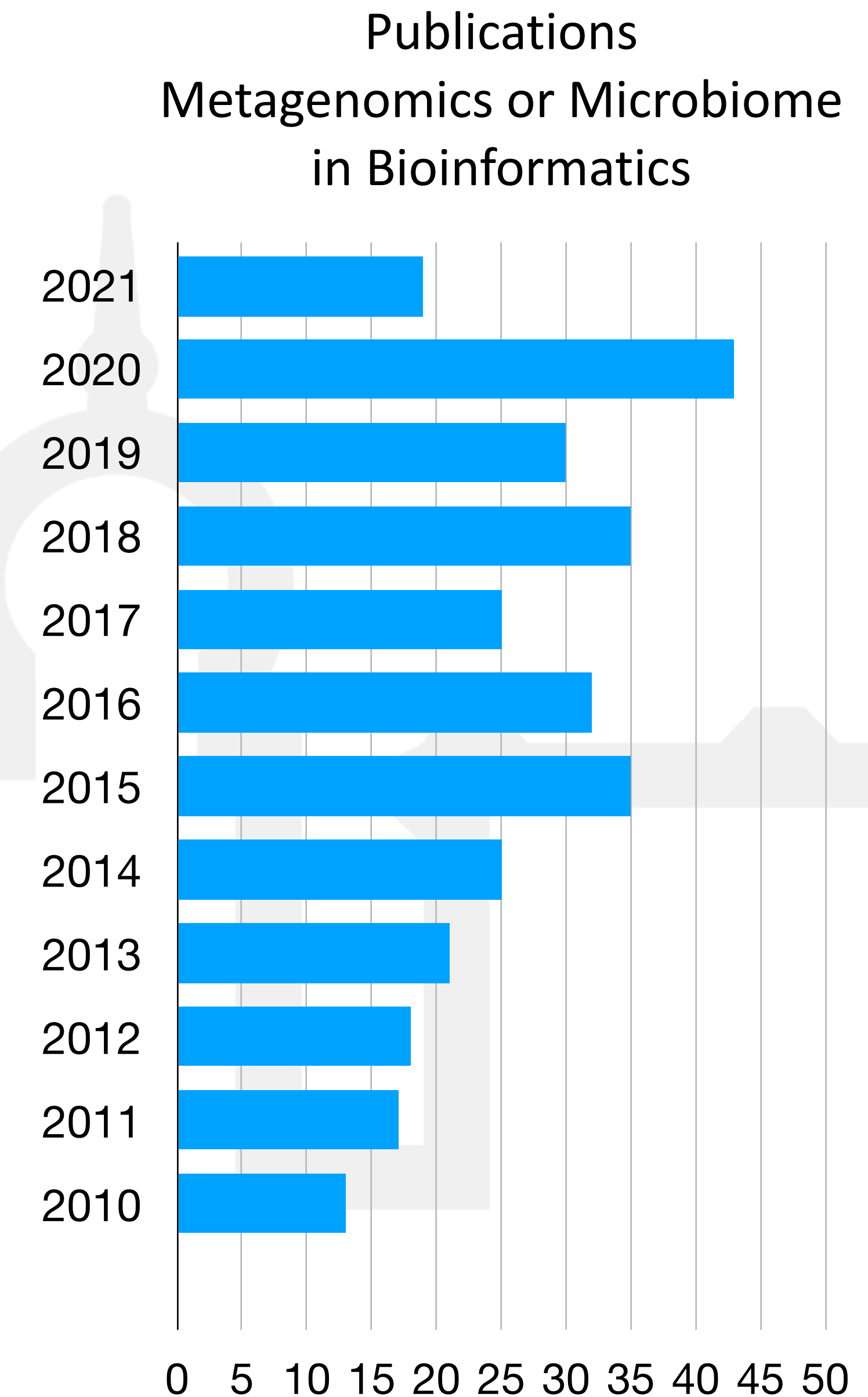
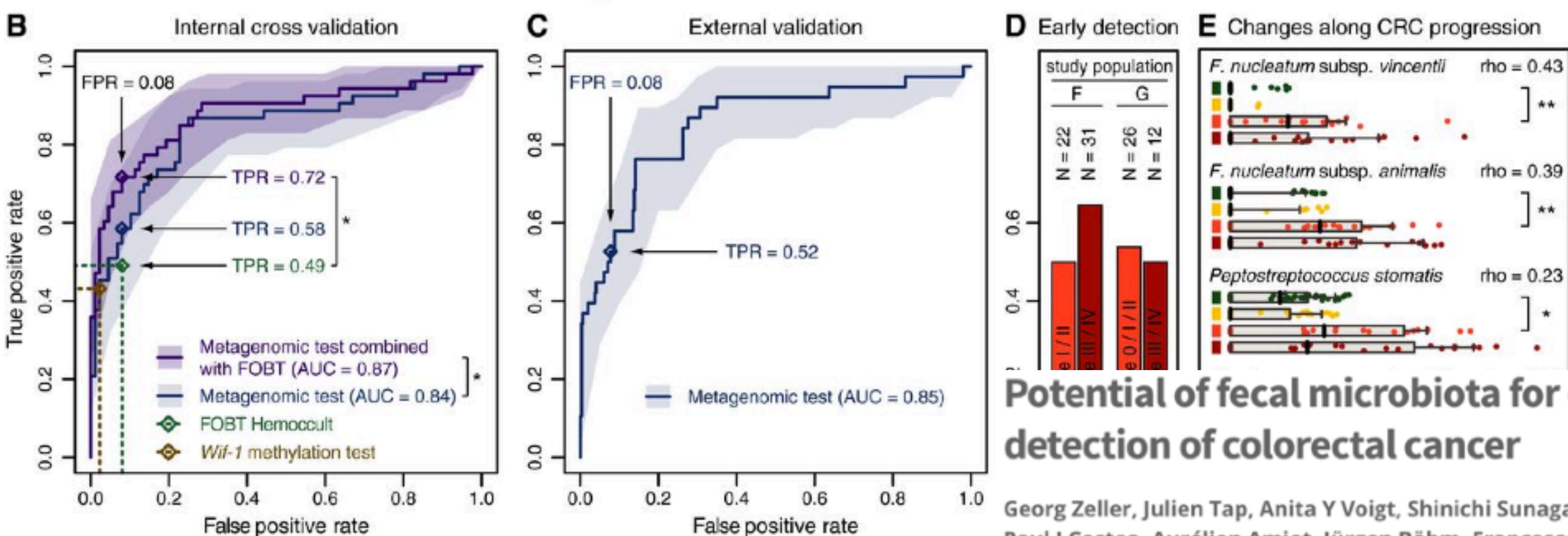
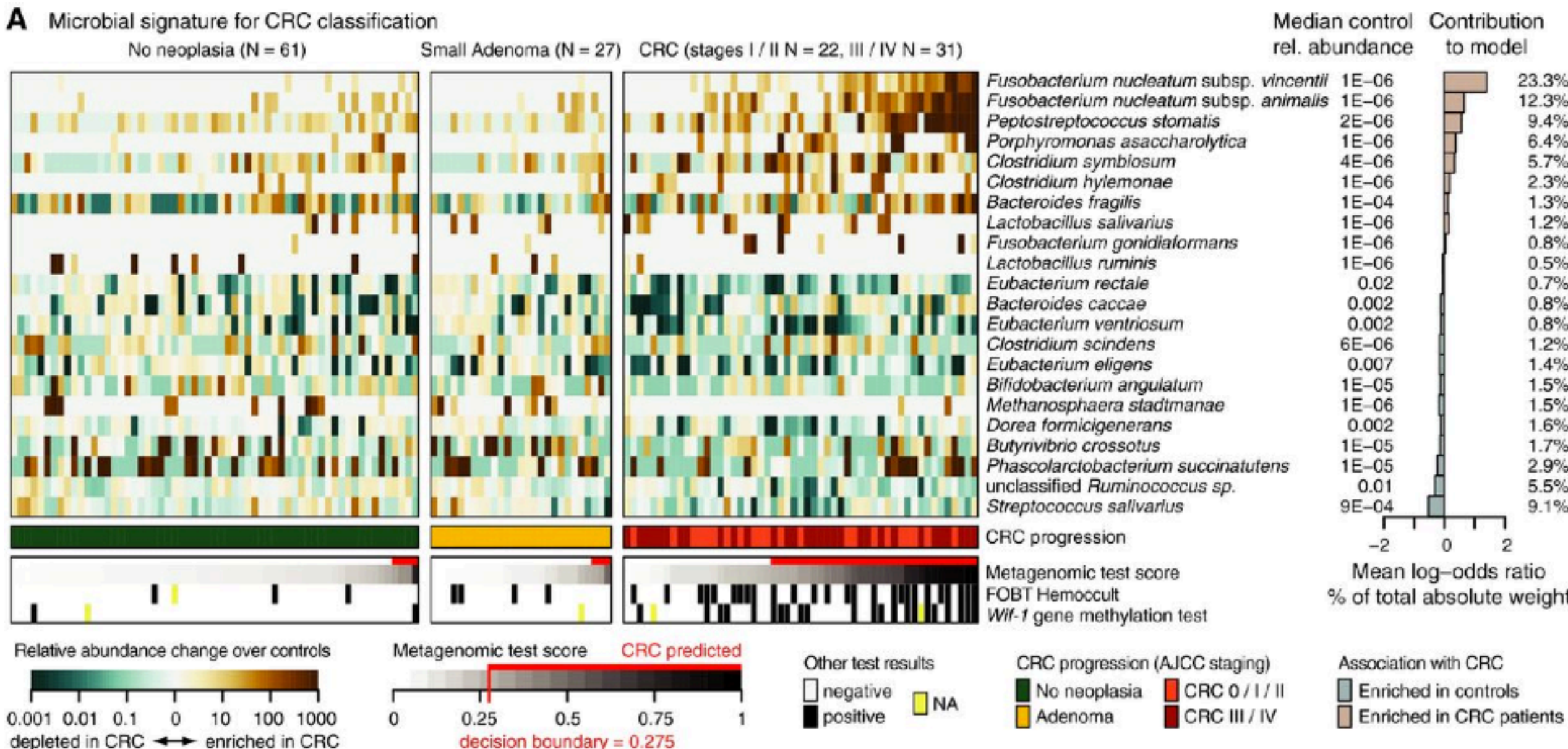


Era pós genômica?

- Muitos dados:
 - Já publicados
 - Fácil de sequenciar
 - Barato de se produzir
- Métodos e ferramentas:
 - Muitos métodos
 - Muitas ferramentas
 - Muita estatística



Procura por marcadores



Potential of fecal microbiota for early-stage detection of colorectal cancer

Georg Zeller, Julien Tap, Anita Y Voigt, Shinichi Sunagawa, Jens Roat Kultima, Paul I Costea, Aurélien Amiot, Jürgen Böhm, Francesco Brunetti, Nina Habermann, Rajna Herczeg, Moritz Koch, Alain Luciani, Daniel R Mende, Martin A Schneider, Petra Schrotz-King, Christophe Tournigand, Jeanne Tran Van Nhieu, Takuji Yamada, Jürgen Zimmermann, Vladimir Benes, Matthias Kloor, Cornelia M Ulrich, Magnus von Knebel Doeberitz, Iradj Sobhani, Peer Bork

Intestinal microbiota metabolism of L-carnitine, a nutrient in red meat, promotes atherosclerosis

Robert A Koeth^{1,2}, Zeneng Wang^{1,2}, Bruce S Levison^{1,2}, Jennifer A Buffa^{1,2}, Elin Org³, Brendan T Sheehy¹, Earl B Britt^{1,2}, Xiaoming Fu^{1,2}, Yuping Wu⁴, Lin Li^{1,2}, Jonathan D Smith^{1,2,5}, Joseph A DiDonato^{1,2}, Jun Chen⁶, Hongzhe Li⁶, Gary D Wu⁷, James D Lewis^{6,8}, Manya Warriar⁹, J Mark Brown⁹, Ronald M Krauss¹⁰, W H Wilson Tang^{1,2,5}, Frederic D Bushman⁵, Aldons J Lusis³ & Stanley L Hazen^{1,2,5}

ARTICLE

Gut flora metabolism of phosphatidylcholine promotes cardiovascular disease

Zeneng Wang^{1,2}, Elizabeth Klipfell^{1,2}, Brian J. Bennett³, Robert Koeth¹, Bruce S. Levison^{1,2}, Brandon DuGar¹, Ariel E. Feldstein^{1,2}, Earl B. Britt^{1,2}, Xiaoming Fu^{1,2}, Yoon-Mi Chung^{1,2}, Yuping Wu⁴, Phil Schauer⁵, Jonathan D. Smith^{1,6}, Hooman Allayee⁷, W. H. Wilson Tang^{1,2,6}, Joseph A. DiDonato^{1,2}, Aldons J. Lusis³ & Stanley L. Hazen^{1,2,6}



Intestinal Microbial Metabolism of Phosphatidylcholine and Cardiovascular Risk

W.H. Wilson Tang, M.D., Zeneng Wang, Ph.D., Bruce S. Levison, Ph.D., Robert A. Koeth, B.S., Earl B. Britt, M.D., Xiaoming Fu, M.S., Yuping Wu, Ph.D., and Stanley L. Hazen, M.D., Ph.D.