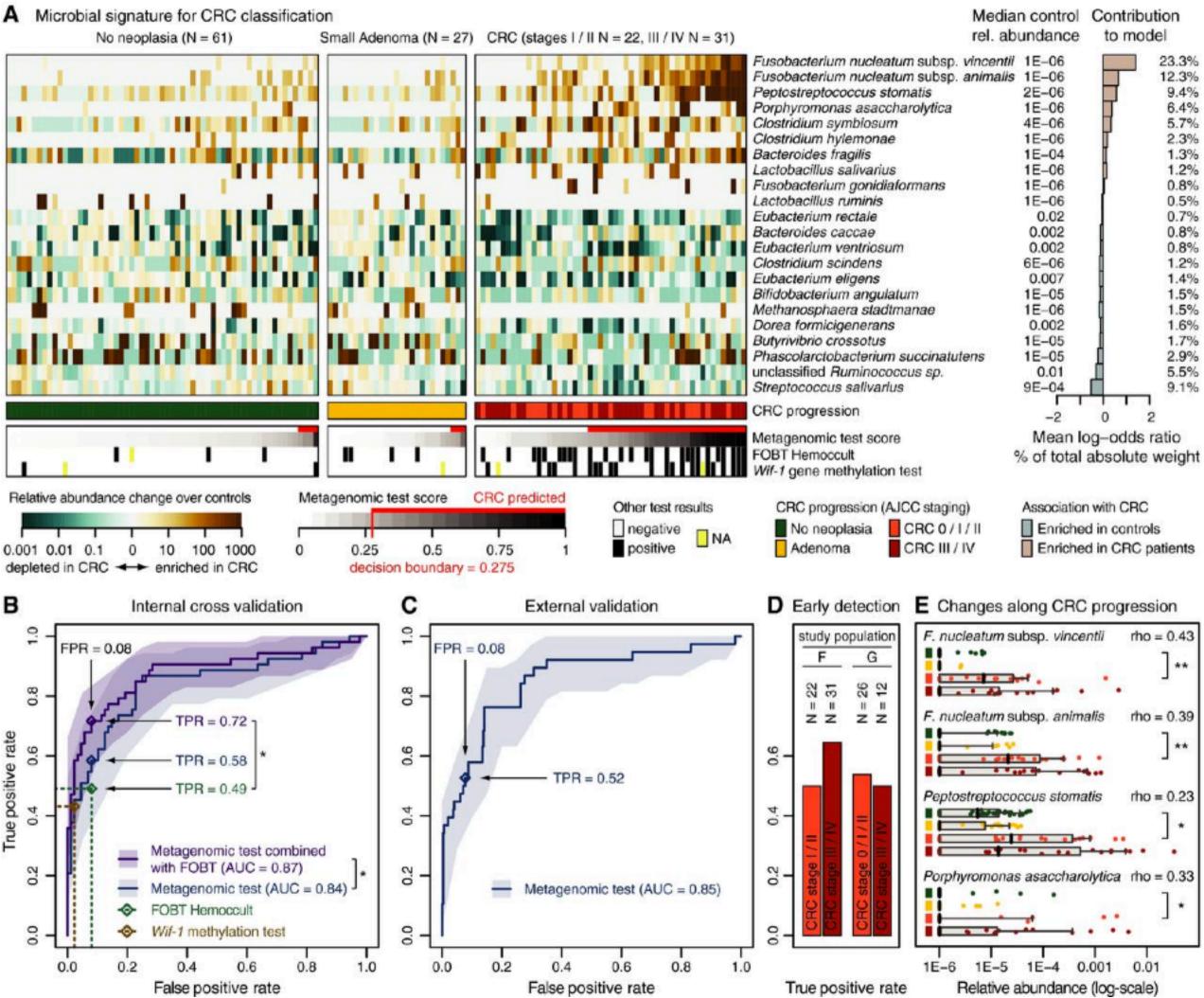




## Procura por marcadores



## 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 Hercog, 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<sup>1,2</sup>, Zeneng Wang<sup>1,2</sup>, Bruce S Levison<sup>1,2</sup>, Jennifer A Buffa<sup>1,2</sup>, Elin Org<sup>3</sup>, Brendan T Sheehy<sup>1</sup>, Earl B Britt<sup>1,2</sup>, Xiaoming Fu<sup>1,2</sup>, Yuping Wu<sup>4</sup>, Lin Li<sup>1,2</sup>, Jonathan D Smith<sup>1,2,5</sup>, Joseph A DiDonato<sup>1,2</sup>, Jun Chen<sup>6</sup>, Hongzhe Li<sup>6</sup>, Gary D Wu<sup>7</sup>, James D Lewis<sup>6,8</sup>, Manya Warrier<sup>9</sup>, J Mark Brown<sup>9</sup>, Ronald M Krauss<sup>10</sup>, W H Wilson Tang<sup>1,2,5</sup>, Frederic D Bushman<sup>5</sup>, Aldons J Lusis<sup>3</sup> & Stanley L Hazen<sup>1,2,5</sup>

#### ARTICLE

# Gut flora metabolism of phosphatidylcholine promotes cardiovascular disease

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ESTABLISHED IN 1812

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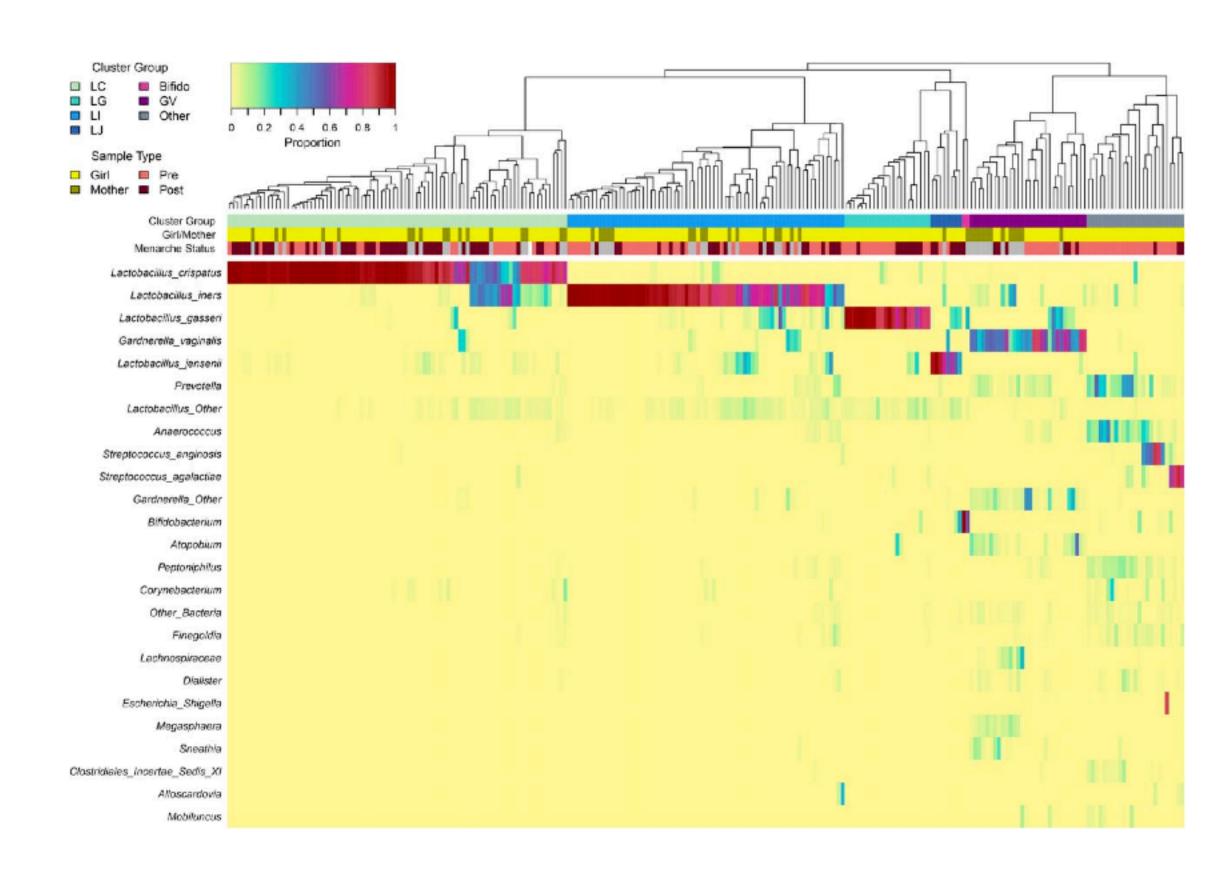
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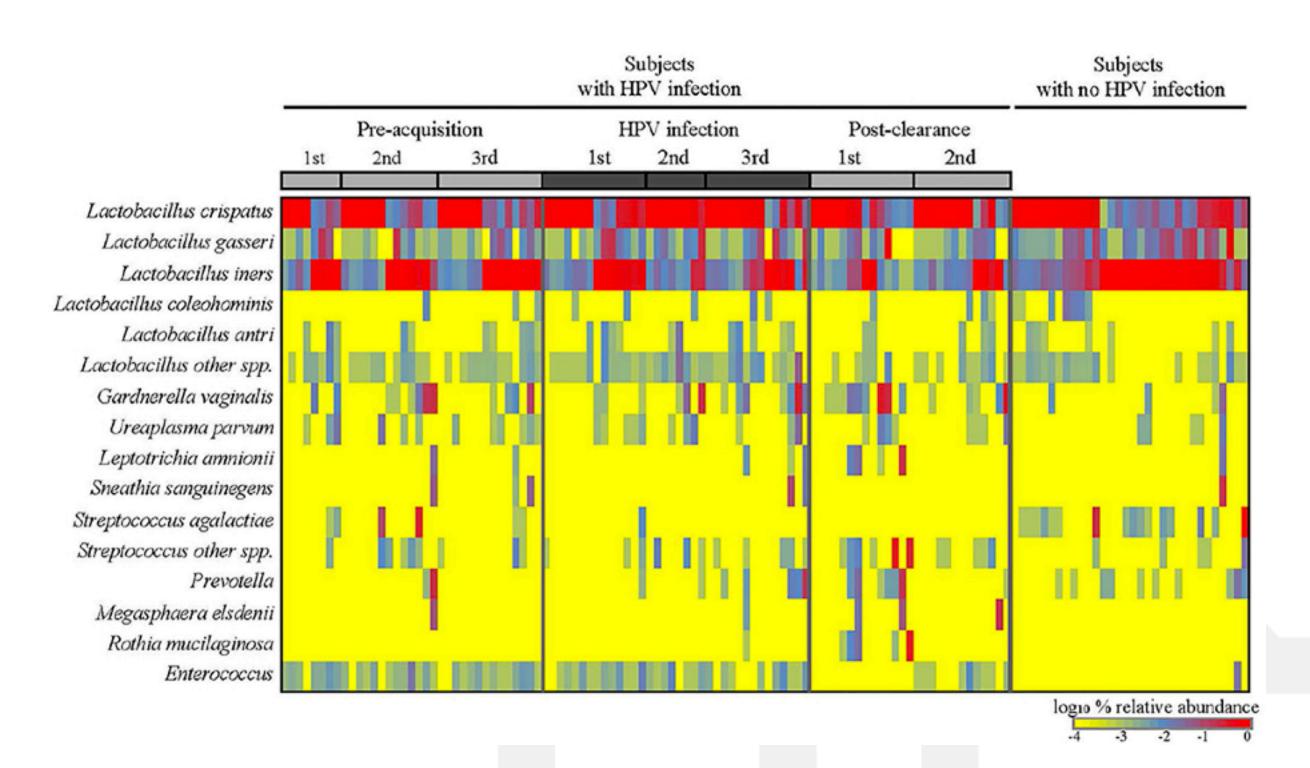
### Tem padrão?





Vaginal Microbiota of Adolescent Girls Prior to the Onset of Menarche Resemble Those of Reproductive-Age Women

Roxana J. Hickey<sup>a,b</sup>, Xia Zhou<sup>a,\*</sup>, Matthew L. Settles<sup>a,b</sup>, Julie Erb<sup>c</sup>, Kristin Malone<sup>c</sup>, Melanie A. Hansmann<sup>c</sup>, Marcia L. Shew<sup>d</sup>, Barbara Van Der Pol<sup>e</sup>, J. Dennis Fortenberry<sup>d</sup>, Larry J. Forney<sup>a,b</sup>



Cervical-Vaginal Microbiome and Associated Cytokine Profiles in a Prospective Study of HPV 16 Acquisition, Persistence, and Clearance

Anna-Barbara Moscicki 1\*, Baochen Shi 2, Hazel Huang 2, Emma Barnard 2 and Huiying Li 2