Autism risk from antipsychotics during pregnancy misreported, hyped by media

The GLP aggregated and excerpted this blog/article to reflect the diversity of news, opinion and analysis.

The alarm has been sounded: Antidepressants cause autism! Or so one could easily think based on <u>a</u> <u>new study in *JAMA Pediatrics*</u>. Four researchers in Quebec conclude that "the use of antidepressants, specifically selective serotonin reuptake inhibitors [SSRIs], during the second and/or third trimester increases the risk of [autism spectrum disorder] in children." In a ResearchGate interview, study senior author and perinatal pharmacoepidemiologist Anick Bérard of the Université de Montréal and the CHU Sainte-Justine Research Centre firmly advocated avoiding antidepressant use during pregnancy: "Depression needs to be treated during pregnancy but with something other than antidepressants in the majority of cases. The risk/benefit ratio is clearly leaning towards no use."

If true, this could be a discovery with implications for the much-debated "autism epidemic" and require serious reconsideration of depression treatment for pregnant women. Has a missing link been found?

Study co-author Bérard, it turns out, has been criticized by a federal judge for <u>cherry-picking results to link</u> <u>antidepressants to birth defects</u>. The press should treat such studies with skepticism rather than leading with their findings. Sober pieces in <u>Science</u>, <u>Wired</u>, and <u>NPR</u> rightly questioned whether the study was significant and whether Bérard's advocacy for stopping antidepressant usage during pregnancy was justified. In particular, Emily Underwood in *Science* wisely led off by writing "<u>Many epidemiologists and</u> <u>psychiatrists say the study</u>, published today in JAMA Pediatrics, is flawed and will cause unnecessary panic."

Read full, original post: Another Misguided Panic About Autism