

**Attachment 4.b. Summary of Published Prospective Pregnancy Studies with Preconception Enrollment**

Primary Author (Country)	Length of Follow-up	Daily Diaries	Urine Samples	Blood Sample(s)	Semen Sample(s)	Dropped Out of the Study	Incentive(s) to Participate
Bonde (Denmark)	6 cycles or until pregnancy occurred	1,329/1,657 completed (80%)	9,671 (83%) women; 820 (59%) men	women: 288/317 (91%) men: 350/376 (93%)	418/430 (97%)	35 (8%)	\$200 for specimens; participants entered in a lottery for \$3,000 <sup>b</sup>
Brown (United States)	12 cycles, 2nd miscarriage, or delivery if pregnancy occurred <sup>b</sup>	N/A	N/A	N/A	N/A	510 (44%)	\$100 for completion and small gifts (e.g. pencils) with newsletters
Buck (United States)	12 cycles, or until 1st postpartum visit or cessation of breastfeeding (if nursing)	7 women missing 1+ weekly cards <sup>b</sup>	N/A	88/102 (86%)	N/A	20 (20%)	\$50 for completion through postpartum blood & breast milk (97% of women provided a postpartum breast milk; 74% provided a second sample upon weaning) <sup>b</sup>
Colombo (Europe)	Average of 8.6 cycles per woman	80.6% included BBT, 85.2% included cervical mucus score <sup>b</sup>	N/A	N/A	N/A	300 (25%) 84 of these women re-entered <sup>b</sup>	None <sup>b</sup>
de Mouzon (France)	12 cycles or until delivery	<sup>a</sup>	N/A	N/A	N/A	687 (36%)	<sup>a</sup>
Elish (United States)	12 cycles or until pregnancy occurred	1304/1516 (86%) completed <sup>b</sup>	95%	N/A	N/A	7%	\$10 for every 2 months of participation; lab results were forwarded to physicians <sup>b</sup>
Eskenazi (United States)	6 cycles or clinical pregnancy	403 (84%) completed at least one cycle <sup>b</sup>	84% completed at least one cycle <sup>b</sup>	N/A	N/A	78 (16%)	\$35 for each month of participation; eligible for a prize drawing for a trip to Hawaii or other local resort
France (New Zealand)	6 months or until pregnancy occurred	91 (38%) completed the entire protocol <sup>b</sup>	<sup>a</sup>	N/A	N/A	148 (62%)	Personal instruction regarding fertility awareness and the Shettles theory of sex selection <sup>b</sup>
Hakim (United States)	At least 6 months or until pregnancy occurred (mean = 7 cycles)	Near 100% <sup>b</sup>	90%	N/A	N/A	24 (16%) <sup>b</sup>	\$100 for completion of the study; feedback on menstrual cycles

Primary Author (Country)	Length of Follow-up	Daily Diaries	Urine Samples	Blood Sample(s)	Semen Sample(s)	Dropped Out of the Study	Incentive(s) to Participate
Sweeney (United States)	12 months or until pregnancy occurred	<sup>a</sup>	Among those conceiving, 84% provided daily urines (88% weekly urines)	N/A	N/A	45 (55%)	None <sup>b</sup>
Sweeney (United States)	3 cycles or until the end of the 1st trimester if pregnancy occurred	81%	80%	N/A	N/A	<sup>a</sup>	None <sup>b</sup>
Vartiainen (Finland)	6 months or until pregnancy occurred	88% 1 <sup>st</sup> f/u; 59% 2 <sup>nd</sup> f/u; 39% 3 <sup>rd</sup> f/u <sup>b</sup>	N/A	N/A	180 (94%) <sup>b</sup>	11 (6%)	None <sup>b</sup>
Wang (China)	12 months or clinically confirmed pregnancy after stopping contraception	545 (57%) completed at least one cycle <sup>b</sup>	545 (57%) completed at least one cycle <sup>b</sup>	N/A	N/A	35 (4%)	\$1 per 3 urine samples <sup>b</sup>
Wilcox (United States)	6 months or until pregnancy occurred	98% <sup>b</sup>	98%	N/A	N/A	6 (3%)	\$10/week for urine collection
Zinaman (United States)	12 months or until pregnancy occurred	Over 90% <sup>b</sup>	Over 90% <sup>b</sup>	<sup>a</sup>	100% (requirement for participation)	8 (4%)	\$500 for completion of the study

NOTE: Cycles refer to menstrual cycles while months refer to calendar time. Adapted from Buck et al., 2004.

<sup>a</sup> = Information not available. <sup>b</sup> = Personal communication with author(s).

N/A = Information not applicable (i.e., did not estimate target population, enroll male partners (couples), collect specimen(s), as appropriate)

f/u = Follow-up

Adapted from: Buck GM et al. Prospective Pregnancy Study Designs for Assessing Reproductive Developmental Toxicants. Environmental Health Perspectives 2004;112:79-86