Gender equality is universally recognised to be the important factor of modern society sustainable development. The ideology of young people, especially of gifted youth, intending to be engaged in scientific research, is to be formed on the equality idea. But the statistical analysis of the questionnaire design concerning gender concept has shown that overwhelming majority of the pupils (85%) in Ukraine have no slightest notion of gender or gender relations. At the same time it became obvious that schoolgirls are more advanced in studies and their motivation for scientific research is higher. But realization of schoolgirls intentions for getting high education and making scientific career involves difficulties. Despite the fact that girls make up majority of advanced pupils as well as majority of high school students (51%) statistical analysis reveals gender changes and gender asymmetry in further career development. There is only 14% of women among doctors of science and only 4% - among the members of the National Academy of Science of Ukraine. The manifest tendency of losses in the number of talented women engaged in scientific sphere is observed. This phenomena of "disappearance of giftedness " partially results from the distorted stereotypes regarding young women learning and cognitive capabilities. To this very day belief predominates among teachers and lecturers that "girls overcome by patience and diligence, but not by talent". The stereotype of women secondary role in science is prevailing now and this is one of the most urgent gender problems not only in Ukraine but in other countries as well. That is why NGO "Women in science" activity is directed first of all at the widespread discussion on the problem of gender limit in scientific career, gender equality idea introduction into the midst of gifted youth in order to increase gender susceptibility of present and future young generations.