

**Lidiya Kravchenko  
Memorial Prize  
2003  
Премия памяти Лидии  
Петровны Кравченко  
2003**

A prize will be awarded in memory of Dr. Lidiya Kravchenko, who contributed a great deal to the development of young scientists at the Institute for Problems of Cryobiology and Cryomedicine over many years, and most particularly under the UNESCO Chair. Lidiya's scientific expertise was recognised internationally, and to commemorate this, the Chair will award a special certificate, and the sum of \$350 (with \$100 as a stipend direct to the winner, and \$250 as a travel bursary which the winner can use towards attending an appropriate scientific meeting).

**The persons eligible to enter for the prize** are: members of the Institute for Cryobiology and Cryomedicine who are aspirants or who have been awarded their PhD degree within the past 5 years.

**The format for the application** will be: an essay in English of 4 000 words (approximately) on any topic in cryobiology of the applicant's own choice. The essay should be divided into 3 sections: (1) an introduction to the problem; (2) a review of recent knowledge and other published articles in this field; (3) a discussion of how the subject could be taken forward in the next few years.

The essay should be typed on computer in **Times New Roman** or similar format, with single word-spacing. This will mean that the text will be between 8-10 pages (without the reference list). The language should be the candidate's own English; candidates may ask advice from colleagues or supervisors, but they must write the articles themselves. Small mistakes in spelling or grammar will not be penalised, but the ideas and writing must come from the candidates themselves. Candidates may cite no more than 20 references to support their ideas. These should be in the format used for the journal *Cryobiology* (see below) in a list at the end of the essay. This will mean another 2-3 essay pages making a total of about 12-13 pages. The essays should be given as two printed copies, and an electronic form, to Professor Valentin Grischenko by **28st February 2003**. A panel of Professors unknown to the Institute will then be asked to judge the essays, and a winner will be announced by **May 2003**.



**The references** should be cited in the essay in the format of *Cryobiology* (journal of the Society for Cryobiology — see the Library copies). This means that the reference list is organised in the alphabetical order of the authors' names at the end of the essay, and given a number. The names, full title, journal name, volume number, pages and year should be given. For example:

1. Amann R. and Pickett B. Principles of cryopreservation and a review of cryopreservation of stallion spermatozoa. *J. Equine Vet. Sci.* 1, 145-173 (1987).
2. Bavister B., Leibfreid M. & Liebermann G. Development of pre-implantation of the embryos of the golden hamster in a defeined culture medium. *Biol. Reprod.* 28. 983-999 (1983).
3. Chen J., Ji W, Yang S. and Shi L. Semen cryopreservation in the Tibetan macaque (*Macaca thibetana*) — comparison of different cooling programs and freezing media. *Zool. Res.* 40, 74-81 (1994).

The numbers of the reference list should then be used in the text of the essay where appropriate. If in doubt, consult the Library copies of *Cryobiology*. For example:

The two cryopreservation media examined here (TEST and TTE) have been successfully used to cryopreserve cynomolgus monkey and Japanese macaque spermatozoa (22, 33, 37). Tollner et al (37) reported 56% post-thaw motility of macaque spermatozoa using TEST medium, whereas in other studies (5, 23) spermatozoa frozen with TTE medium had lower motility.