1. Nup358 provides a platform for disassembly of the trimeric CRM1 nuclear export complex after translocation through the nuclear pore complex, facilitating cargo release and CRM1 recycling to the nucleus leading to higher export efficiency (this thesis).

2. CRM1 export pathways require different translocation mechanisms depending on the cargo properties (this thesis).

3. Nup214 is required for preribosomal export because it provides the nuclear pore complex the capacity to accommodate to preribosomes by a mechanism that resembles the conformational change proposed in the nuclear pore complex gating mechanism (this thesis).

4. The high affinity CRM1/Nup214 interaction does not promote but down-regulates nuclear export (Askjaer et al., 1999; Kehlenbach et al., 1999; Roth et al., 2003 and this thesis).

5. Nup214 and Nup88 are strictly co-regulated (Bastos et al., 1997; Fornerod et al., 1997; Perou et al., 1999; Ross et al., 2000 and this thesis).

6. Nuclear export is not conducted by nucleoporin phenylalanine glycine repeats moving through the NPC (Fahrenkrog and Aebi, 2003; Paulillo et al., 2005 and this thesis).

7. Nup214-Abl1 incorporation to the nuclear pore complex is required but not sufficient for its oncogenic potential (this thesis).

8. Current nuclear transport models cannot explain the diversity of transport events that occur, ranging from small solutes to big complexes like preribosomes (Ben-Efraim and Gerace, 2001; Ribbeck and Görlich, 2002; Rout et al., 2003).

9. Certain transfection methods are comparable to political systems: while electroporation can provide a little bit of DNA to most of the cells, lipofection gives big amounts to certain privileged individuals.

10. In The Netherlands, meat balls are at least three-fold too big, overnight means from 5 PM to 10 AM and you will never find ice unless you work in a lab.

11. Science becomes art when the experimental set-up is brilliant, the hypothesis to test is crazy and the results obtained are unexpected.

12. There is something wrong in a society whose murderers are presidents, thieves are bank owners and priests are not scientists.