**Curriculum Vitae Bo Åkerström, december 2021**

Born Oct 18, 1952. Married 1981, 4 children, 4 grandchildren.

**1. University education**

- PhD medical and physiological chemistry, Lund University. 1982, Dec 17.

- docent 1987, medical and physiological chemistry, Lund University.

**2. Major employments.**

 **-** Assistant professor 1985-1990, Lund University

 **-** Associate professor 1990-2000, Lund University

 **-** Professor (full), medical chemistry 2000-2019, Lund University

 - Prof emeritus since 2019Lund University

**3. Supervision of research students.**

 23 PhD students (8 as assistant supervisor)

**4. Administration**

- Head of Section for Infection Medicine, IKVL, Lund University, 2018-2019.

**5. Research interests.**

1) Physiological antioxidation protection.

 2) Disease mechanisms in preeclampsia, acute kidney damage, retinal detachment and intraventricular haemorrhage.

 3) Clinical application of the human radical scavenger and antioxidant alpha-1-microglobulin.

**6. Patents/patent applications.**

11 patents granted and 2 patent applications pending in medical use of the radical scavenger and antioxidant alpha-1-microglobulin.

**7. Scientific publications**. Author/co-authorof145 published peer-reviewed original articles and 32 peer-reviewed review articles.

**8. Commercialization achievements.**

1. Development of biotechnical product groups for immunoglobulin-purification, based on bacterial **Protein G and Protein L**. (with Lars Björck, Lund University).

2. Founder of **Preelumina Diagnostics AB** - biotech/research company for diagnosis and prediction of preeclampsia. (with Stefan Hansson, Magnus Centlow, Magnus G Olsson, Lund University and Tomas Eriksson).

3. Founder of **A1M Pharma AB** , today **Guard Therapeutics International (GTI)** (http:// guardtherapeutics.com/)Drug development company for exploitation of protection properties of alpha-1-microglobulin.