

## **Nils Peter Stefan Wiklund**

Born November 15<sup>th</sup> 1957, Järfälla Stockholm, Sweden

MD, PhD, Professor Chairman

Dept. of molecular medicine and surgery, section of Urology, Karolinska Institutet

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Norrskensvägen 10, 181 51 Lidingö Sweden,

### **Employment**

- |              |  |
|--------------|--|
| 2007-present | Professor in Urology, Chairman at Dept. of Molecular Medicine and Surgery, Section of Urology, Karolinska Institutet. In this position 33% of the time is assigned for research. |
| 1999-2005    | Assisting Head of Dept. of Surgical Science, Karolinska Institutet.  |
| 1999-2006    | Head of Dept. of Urology and Consultant at Dept. of Urology, Karolinska University Hospital.   |
| 1998-1999    | Head of Post Graduate Education, Dept. of Surgical Science, Karolinska Institutet.   |
| 1996-1999    | Chairman in Committee of Research, Dept. of Surgical Science, Karolinska Institutet.   |
| 1995-1999    | Senior lecturer in Urology and Consultant at Dept. of Urology, Karolinska Hospital.  |
| 1993         | Specialist in Urological Surgery, Dept. of Urology, Karolinska Hospital.   |
| 1992         | Post doctoral training, Prof. Salvador Moncada, Wellcome Research Laboratories, London, UK.  |
| 1986-1988    | Director of Post Graduate Education, Faculty of Medicine, Karolinska Institutet.   |
| 1985-1986    | Senior lecturer in Physiology, Dept. of Physiology, Karolinska Institutet.   |
| 1983-1985    | Post Graduate studies at Dept. of Physiology, Karolinska Institutet.   |
| 1979-1985    | Instructor in Physiology at dept of Physiology Karolinska Institutet.  |

### **Education & Training**

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|-----------|--|
| 1977-1983 | Medical Studies at Karolinska Institutet |
| 1982      | Entered PhD program in Physiology        |
| 1983      | MD Medical degree, Karolinska Institutet |

### **Post graduate medical education**

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|-------------|--|
| 1983-02-11- | PhD research training Physiology dept of Physiology Karolinska |
|-------------|--|

1985-12-31      Institutet Stockholm  
1985-12-06      **PhD** Physiology, Karolinska Institutet

**Internship St:Göran Hospital Stockholm Sweden  
1985-11-01 – 1989 01 31**

1985-11 01-1986-04-30, (6 months)  
General surgery  
1986 05 01–1986 07 30 and 1987 07 01-1987 09 30 (6 months)  
Internal Medicine  
1988-01-01-1988-06-30 (6 months)  
Psychiatry  
1988-07-01-1988-07-30, 1988-09-01-1989 01-31 (6 months)  
General Practitioner

**Swedish license** to practice medicine 1989

**Specialist training in Urology at Karolinska University Hospital**

1989 05 08–1991-01-06	Urology
1991-01-07-1992-02-28	General Surgery
1992-03-01-1992-12-31	Urology
1993-02-01-1993-06-13	General Surgery
1993-06-14-1993-12-12	Anesthesiology

**PhD** December 6, 1985, Physiology, Karolinska Institutet

Purine modulation of cholinergic neuroeffector transmission in smooth muscle.

**Associate Professor Physiology**, Karolinska Institutet 1989

**Post doctoral training** 1992-1993, Prof. Salvador Moncada, Wellcome Research Laboratories, London, UK.

**Associate Professor Urology**, Karolinska Institutet 1994

**Professor in Urology**, Karolinska Institutet 1999

**Supervisor of PhD students at Karolinska Institutet**

Ingrid Ehrén, MD, 1996, Dept. of Surgical Science, section of Urology

Olof Jansson, MD, 1999, Dept. of Surgical Science, section of Urology

Edward Morcos, MD, 2000, Dept. of Surgical Science, section of Urology

Katarina Hallén, MD, 2004, Dept. of Physiology and Pharmacology

Abolfazl Hosseini, MD, 2004, Dept. of Surgical Science, section of Urology

Örjan Gribbe, MD, 2007, Dept. of Physiology and Pharmacology

Andreas Thorstenson MD 2008, Dept of Molecular Medicine and Surgery, sect. of Urology.

Lotta Renström Koskela MD 2011, Dept of Molecular Medicine and Surgery, sect. of Urology.

Anna Wallerstedt MD 2015. Dept of Molecular Medicine and Surgery, sect of Urology

## **Co-supervisor of PhD students**

Bo Cederqvist, MD, 1994, Dept. of Physiology and Pharmacology, Karolinska Institutet  
Caroline Olgart, MD, 1998, Dept. of Physiology and Pharmacology, Karolinska Institutet  
Stefan Carlsson, MD, 2005, Dept. of Surgical Science, Section of Urology, Karolinska Institutet.

Danguole Rimeika, MD, 2009, Dept. of Molecular Medicine and Surgery, Section of Urology, Karolinska Institutet

Tobias Nordström, 2015, Dep of clinical sciences, Danderyds Hospital, Karolinska Institutet

## **Present PhD students**

Supervisor of Andreas Nilsson, MD and Martin Jonsson, MD, Oscar Laurin MD and Co-supervisor of Tomas Thiel, MD.

## **Opponent (Examiner of PhD dissertation)**

1<sup>st</sup> opponent of Öystein Strand, Oslo, Norway 1999, 1<sup>st</sup> opponent of Torunn Saetre, Oslo Norway 2000, opponent of Mirjana Poljakovic, Lund 2002, opponent of Björn Zachrisson, Göteborg 2003, opponent of Anna Bill Axelsson, Uppsala 2005, opponent of Johann Stranne, Göteborg 2006.

## **Examination board (Dissertation committee)**

### Göteborgs University

Tomas Knutsson 23-11-2000

David Pazooki 11-10-2006

### Uppsala University

Lennart Wagrell 17-12-1999

Josephine Hjoberg 25-11-1999

### Karolinska Institutet

Johan Rinder 26-04-1996

Zhi-Qing David Xu 19-09-1997

Marianne Brehmer 03-12-1999

Jari Louhelainen 20-10-2000

Petra Berggren 15-02-2002

Lars Henningsohn 08-11-2002

Gunnar Ahlberg 04-05-2005

Mats Olsson 29-05-2009

Claude Kolin 24-02-2012

## **Membership in Professional Associations**

Swedish Association of Urology (SUF)

Scandinavian Association of Urology (NUF)

European Association of Urology (EAU)

American Urological Association (AUA), International member

Association of Academic European Urologist (AAEU) (members by invitation only, 40 urologist in Europe)

Nitric Oxide Society 1997-1999

## **Board member**

Biology of Nitric Oxide Advisory Board 1999

Scandinavian Journal of Urology and Nephrology, Editorial Board

Journal of Robotic surgery Editorial Board 2009

BJUI Editorial Board 2012-2014

Vice Chairman, European Robotic Urology Section (ERUS), subsection to EAU 2009-2014

Chairman, Scientific working group European Robotic Urology Society (ERUS) 2012-2014

Vice Chairman European Group of Robotic Urology (EGRU) 2005-2014

Member of European Society of Urological Technology (ESUT), subsection to EAU 2006-2010.

## **Organizer of Scientific conferences**

Biology and Chemistry of Nitric Oxide 1999 (PW, Salvador Moncada and Lars Gustafsson).

3rd (ERUS) 6-9 September, 2006, Karolinska University Hospital, PW main organizer.

ERUS Master Class on Cystectomy 9-10 September, 2011, Karolinska Institutet. PW main organizer

10<sup>th</sup> edition ERUS Stockholm 3-5 September, 2013, Karolinska Institutet. PW main organizer

## **Grants at present**

Part of Linné grant, Swedish MRC 2009-2018, 10 000 000 SEK per year

Swedish MRC 600 000 SEK per year

Intuitive Surgical, 100 000 USD

## **Invited lectures at International Meetings last five years**

### **2009**

Jan 12-14, International Robotic Urology Symposium IRUS, Las Vegas, USA

Mar 17-21, 24<sup>th</sup> European Association of Urology meeting EAU, Stockholm Sweden

Apr 8-10, World robotic Urology Symposium, Orlando US

Apr 25-29, AUA meeting, Chicago US

May 8, Master Class Robotic Prostatectomy, Brussels, Belgium

May 25-26, Challenges in Laparoscopy and Robotics CIL Paris France

Sep 23-25, 6th ERUS (EAU Robotic Urology Section) Padua Italy

Oct 7-10, 27<sup>th</sup> WCE World Congress on Endourology, Munich Germany.

Oct 23-24, Robotic Urology Symposium, Sao Paulo Brazil

Nov 6, Robotic Cystectomy meeting, San Sebastian Spain

Nov 12-13, British Association of Urological Surgeons Oncology Meeting, Birmingham UK

Nov 26-29, 2<sup>nd</sup> European Multidisciplinary Meeting on Urological Cancers, Barcelona Spain

### **2010**

Jan 15-16, International Robotic Urology Symposium IRUS Las Vegas,

## USA

Mar 4-6, 6<sup>th</sup> Engadin Prostate Cancer Winter Symposium, Zouz  
Switzerland

April 12-14, World robotic Urology Symposium, Orlando US

April 17-21, 25<sup>th</sup> European Association of Urology meeting EAU,  
Barcelona Spain

May 29-2, AUA meeting, San Francisco US

Jun 11-12, Challenges in Laparoscopy and Robotics CIL Rome Italy

Jun 16-18 2nd Robotic Urology Symposium, Istanbul Turkey

Sep 29-1, 7<sup>th</sup> ERUS Bordeaux France

Oct 24-27, 16<sup>th</sup> Greek Urological Congress, Limassol Cyprus

Dec 3-5, 9<sup>th</sup> meeting of the Association of Academic European Urologists  
Budapest Hungary

## 2011

Jan 28 ERUS Master Class on Robotic Prostatectomy, London, UK

Mar 19-22 26<sup>th</sup> European Association of Urology meeting EAU, Vienna,  
Austria

May 10-11, 1<sup>st</sup> Inaugural Global meeting on Prostate Cancer New York,  
USA

May 14-18 AUA meeting Washington, USA

Jun 10-11, Challenges in Laparoscopy and Robotics CIL Leipzig  
Germany

Jun 26-29 Society of Robotic Surgery, SRS, Miami, USA

Sep 9-10 ERUS Master Class Robotic Cystectomy

Oct 1-2, Evidence Based Medicine Athens Greece

Oct 5-7, 8<sup>th</sup> ERUS (EAU Robotic Urology Section) Hamburg Germany

Oct 17-19, 31<sup>st</sup> Société Internationale d'Urologie SIU, Berlin Germany

Nov 10-11, Nordic Urology Cystectomy Course Malmö Sweden

Nov 22-26, 33<sup>rd</sup> Brazilian Congress of Urology Florianopolis Brazil

## 2012

Feb 25-28 27<sup>th</sup> European Association of Urology meeting EAU, Paris, France

Mars 29-30, 5<sup>th</sup> EAU Leading Lights in Urology, Madrid, Spain

April 18-19 Leuven Brussels, Belgium

May 19-23 AUA meeting Atlanta, US

May 11, Single site robotic surgery in Urology, San Raffaele, Milan, Italy

Jun 27, ERUS Master Class Robot assisted Prostatectomy, Brussels, Belgium

Jun 28-30, Global Conference on Prostate Cancer, Brussels Belgium

Aug 24-25 Roswell Park cancer Institute Buffalo, NY, US

Sep 5-7 31<sup>th</sup> CAU Cartagena, Colombia

Sep 13-14 Meet the Masters, Milan Italy

Sep 3-5, 9<sup>th</sup> ERUS (EAU Robotic Urology Section), London UK

Dec 6-7, 11<sup>th</sup> meeting of the Association of Academic European Urologists Salzburg Austria

## 2013

Jan 18-19, 10<sup>th</sup> meeting of the EAU Section of Oncological Urology ESOU, Rome Italy

Jan 21-22 Masterclass in Robotic Urology, London UK

Feb 8-9, Advanced video based interactive ERUS-ESU Master Class on Robot assisted  
Radical Cystectomy, Barcelona Spain

Feb 22-23, Venezuela Urology Meeting, Caracas, Venezuela  
Mar 4-7 Urofair 2013 Singapore  
Mar 16-19, 28<sup>th</sup> European Association of Urology meeting EAU, Milan, Italy  
May 1-2, LA live, Los Angeles US,  
May 4-7 AUA meeting San Diego, US  
Jun 11, Master Class robotic prostatectomy, Hamburg, Germany  
Sep 3-5, 10<sup>th</sup> ERUS (EAU Robotic Urology Section) Stockholm, Sweden  
Sep 27-28 ESOU, EAU section of Urological Oncology, Amsterdam The Netherlands  
Oct 2-4, 32<sup>nd</sup> CAU Lima Peru  
Oct 10-11, ESOU meeting Tubingen, Germany  
Nov 8-9, Hong Kong Urology Symposium, Controversies in Urology, Hong Kong China  
Dec 6-7, 12<sup>th</sup> meeting of the Association of Academic European Urologists Paris, France

## **2014**

Jan 17-19 11<sup>th</sup> meeting of the EAU Section of Oncological Urology ESOU  
Jan 30-31 Master Class Robot assisted Radical prostatectomy Torino Italy  
Mars 27-1, 8<sup>th</sup> Engadin Prostate Cancer Winter Symposium, Zouz Switzerland  
Apr 12-15, 29<sup>th</sup> European Association of Urology EAU Stockholm, Sweden  
May 2-4 Robot Assisted Radical Cystectomy Consensus Conference, Pasadena US

## **Visiting Professor**

2012 27-29 Aug , Visiting Professor University of Chicago section  
of Urology  
2012 Oct 1-2 Visiting professor Rotterdam, Belgium  
2012 Apr 18-19, Leuven, Belgium  
2013 Mar 4-7, 2013 National Healthcare Group Distinguished Overseas  
Expert in Urologic Oncology, Visiting Professor Singapore Tan Tock  
Seng Hospital and Singapore General Hospital.

## **Live demonstration operations teaching operations**

### **2009**

Mar 19, 24<sup>th</sup> EAU Live transmission Stockholm Sweden  
May 26, Challenges in Laparoscopy and Robotics CIL Paris France  
Sep 25, 6<sup>th</sup> ERUS (EAU Robotic Urology Section), Padua Italy

### **2010**

Jun 16-18 2nd Robotic Urology Symposium, Istanbul Turkey  
Sep 29, 7<sup>th</sup> ERUS Bordeaux France

### **2011**

Jan 15 Live transmission from Karolinska Stockholm to IRUS meeting  
in Las Vegas US  
Mar 19, EAU Live transmission from Heilbronn, Germany to Vienna  
Jun 11, Challenges in Laparoscopy and Robotics CIL Leipzig Germany

### **2012**

Feb 27, EAU Live transmission from Brussels to Paris  
Sep 13-14, Milan Italy  
Sep 28, 9<sup>th</sup> ERUS London,

**2013**

Jan 21-22. Master Class London  
Mar 4-7 Singapore  
Mar 16 EAU Milan  
Apr 16-17 Berlin  
Apr 18 Dresden Germany  
Sept 4-5 ERUS Stockholm  
Jun 11 Master Class Hamburg  
Oct 10<sup>th</sup> ESUO Tübingen  
Nov 8-9 Hong Kong

**2014**

Apr 12-13 EAU Stockholm, Sweden  
May 30 Challenges in Laparoscopy and Robotics CIL Barcelona Spain  
Sep 11<sup>th</sup> ERUS Amsterdam Netherlands

**Courses given at International meetings last five years****2009**

Course director EAU Stockholm, Laparoscopic and robot-assisted  
Cystectomy Course director 6<sup>th</sup> ERUS Padua Robot-assisted cystectomy

**2010**

Apr 18, Course director EAU 2010 Barcelona, Laparoscopic and  
robot-assisted cystectomy  
Sep 27, Course director 7<sup>th</sup> ERUS Bordeaux Robot-assisted cystectomy

**2011**

Mar 20 Course director EAU Vienna, Laparoscopic and robot-assisted cystectomy  
May 14 AUA Washington Robot-assisted surgery  
Jun 26-29 Society of Robotic Surgery, SRS, Miami, USA  
Oct 5 Course director 8<sup>th</sup> ERUS Hamburg, Robot-assisted cystectomy  
Oct 17, 31<sup>st</sup> Société Internationale d'Urologie SIU, Robot-assisted Prostatectomy, Berlin  
Germany  
Oct 19, 31<sup>st</sup> Société Internationale d'Urologie SIU, Robot-assisted Cystectomy, Berlin  
Germany

**2012**

Course director EAU Paris, Laparoscopic and robot-assisted cystectomy  
AUA 2012 Atlanta Robot-assisted cystectomy  
Sep 26 Course director 9<sup>th</sup> ERUS London Robot-assisted cystectomy

**2013**

Course director EAU Milan, Laparoscopic and robot-assisted cystectomy  
May 6, AUA 2013 San Diego Robot-assisted cystectomy  
Sep 3 Course director 10<sup>th</sup> ERUS Stockholm Robot-assisted cystectomy

**2014**

April Course director EAU Stockholm, Laparoscopic and robot-assisted  
Cystectomy Sep Course director 11<sup>th</sup> ERUS Amsterdam Netherlands

**List of publications updated 05-03-13**

204 original articles, 30 review articles, 4 edited books, 26 book chapters  
3474 stations Web of science 31-12-2013

**Peer-review original articles**

1. Characterization of pre- and post-junctional adenosine receptors in guinea-pig ileum.  
Gustafsson LE, **Wiklund NP**, Lundin J, Hedqvist P. Acta Physiol Scand. 1985;123:195-203.
2. Dual effects of adenosine and adenosine analogues on motor activity of the human fallopian tube.  
Samuelson UE, **Wiklund NP**, Gustafsson LE. Acta Physiol Scand. 1985;125:369-76.
3. Pre- and postjunctional modulation of cholinergic neuroeffector transmission by adenine nucleotides. Experiments with agonist and antagonist.  
**Wiklund NP**, Gustafsson LE, Lundin J. Acta Physiol Scand. 1985;125:681-91.
4. Apparent enhancement of cholinergic transmission in rabbit bronchi via adenosine A2 receptors.  
Gustafsson LE, **Wiklund NP**, Cederqvist B. Eur J Pharmacol. 1986;120:179-85.
5. Neuromodulation by adenine nucleotides, as indicated by experiments with inhibitors of nucleotide inactivation.  
**Wiklund NP**, Gustafsson LE. Acta Physiol Scand. 1986;126:217-23.
6. Adenosine modulation of adrenergic neurotransmission in the human fallopian tube. **Wiklund NP**, Samuelson UE, Brundin J. Eur J Pharmacol. 1986;123:11-8.
7. Adenosine-modulation of cholinergic and non-adrenergic non-cholinergic neurotransmission in the rabbit iris sphincter.  
Gustafsson LE, **Wiklund NP**. Br J Pharmacol. 1986;88:197-204.
8. On the nature of endogenous purines modulating cholinergic neurotransmission in the guinea-pig ileum.  
**Wiklund NP**, Gustafsson LE. Acta Physiol Scand. 1987;131:11-8.
9. Adenosine can excite pulmonary artery.  
**Wiklund NP**, Cederqvist B, Matsuda H, Gustafsson LE Acta Physiol Scand. 1987;131:477-8.
10. Agonist and antagonist characterization of the P2-purinoceptors in the guinea pig ileum.



- Wiklund NP**, Gustafsson LE. Acta Physiol Scand. 1988;132:15-21.
11. Endogenous purines may modulate adrenergic neurotransmission in the human fallopian tube. Samuelson UE, **Wiklund NP**, Gustafsson LE. Neurosci Lett. 1988;86:51-5.
  12. Indications for P2-purinoceptor subtypes in guinea pig smooth muscle. **Wiklund NP**, Gustafsson LE. Eur J Pharmacol. 1988;148:361-70.
  13. Inhibition of adrenergic neuroeffector transmission by endothelin in the guinea-pig femoral artery. **Wiklund NP**, Öhlén A, Cederqvist B. Acta Physiol Scand. 1988;134:311-2.
  14. Calcitonin gene-related peptide desensitizes skeletal muscle arterioles to substance P in vivo. Öhlén A, **Wiklund NP**, Persson MG, Hedqvist P. Br J Pharmacol. 1988;95:673-4.
  15. Microvascular effects of endothelin in the rabbit tenuissimus muscle and hamster cheek pouch. Öhlén A, Raud J, Hedqvist P, **Wiklund NP**. Microvasc Res. 1989;37:115-8.
  16. Adenosine enhancement of adrenergic neuroeffector transmission in guinea-pig pulmonary artery. **Wiklund NP**, Cederqvist B, Gustafsson LE. Br J Pharmacol. 1989;96:425-33.
  17. Cholinergic neuromodulation by endothelin in guinea pig ileum. **Wiklund NP**, Wiklund CU, Öhlén A, Gustafsson LE. Neurosci Lett. 1989;101:342-6.
  18. Adrenergic neuromodulation by endothelin in guinea pig pulmonary artery. **Wiklund NP**, Öhlén A, Cederqvist B. Neurosci Lett. 1989;101:269-73.
  19. Neuromuscular actions of endothelin on smooth, cardiac and skeletal muscle from guinea-pig, rat and rabbit. **Wiklund NP**, Öhlén A, Wiklund CU, Cederqvist B, Hedqvist P, Gustafsson LE. Acta Physiol Scand. 1989;137:399-407.
  20. Effects of adenosine analogues on guinea-pig endometrial secretion. Hammarström M, **Wiklund NP**, Samuelson UE. Pharmacology. 1990;41:224-30.
  21. Endogenous nitric oxide as a modulator of rabbit skeletal muscle microcirculation in vivo. Persson MG, Gustafsson LE, **Wiklund NP**, Hedqvist P, Moncada S. Br J Pharmacol. 1990;100:463-6.
  22. Endothelin modulation of neuroeffector transmission in rat and guinea pig vas deferens. **Wiklund NP**, Öhlén A, Wiklund CU, Hedqvist P, Gustafsson LE. Eur J Pharmacol. 1990;185:25-33.

23. Modulatory role of endogenous nitric oxide in pulmonary circulation in vivo. **Wiklund NP**, Persson MG, Gustafsson LE, Moncada S, Hedqvist P. *Eur J Pharmacol.* 1990;185:123-4.
24. Modulation of autonomic neuroeffector transmission by nitric oxide in guinea pig ileum.  
Gustafsson LE, Wiklund CU, **Wiklund NP**, Persson MG, Moncada S. *Biochem Biophys Res Commun.* 1990;173:106-10.
25. Endogenous nitric oxide as a probable modulator of pulmonary circulation and hypoxic pressor response in vivo.  
Persson MG, Gustafsson LE, **Wiklund NP**, Moncada S, Hedqvist P. *Acta Physiol Scand.* 1990;140:449-57.
26. Nitric oxide requirement for vasomotor nerve-induced vasodilatation and modulation of resting blood flow in muscle microcirculation.  
Persson MG, **Wiklund NP**, Gustafsson LE. *Acta Physiol Scand.* 1991;141:49-56.
27. Modulation of neuroeffector transmission in the guinea pig pulmonary artery by endogenous nitric oxide.  
Cederqvist B, **Wiklund NP**, Persson MG, Gustafsson LE. *Neurosci Lett.* 10;127:679.
28. Adenosine modulation of neuroeffector transmission in guinea-pig uterine smooth muscle.  
**Wiklund NP**, Samuelson UE, Hammarström M. *Acta Physiol Scand.* 1991;143:33-43.
29. Endogenous nitric oxide is present in the exhaled air of rabbits, guinea pigs and humans.  
Gustafsson LE, Leone AM, Persson MG, **Wiklund NP**, Moncada S. *Biochem Biophys Res Commun.* 1991;181:852-7.
30. Endothelin reduces blood flow in experimental skin flaps.  
Samuelson UE, Hedén P, Jernbeck J, **Wiklund NP**. *Scand J Plast Reconstr Surg Hand Surg.* 1992;26:241-5.
31. Functional and morphological comparisons between cochlear outer hair cells and muscle tissues in the guinea-pig.  
Brundin L, **Wiklund NP**, Gustafsson LE, Flock A. *Acta Physiol Scand.* 1992;144:379-86.
32. Release of nitric oxide evoked by nerve stimulation in guinea-pig intestine.  
**Wiklund NP**, Leone AM, Gustafsson LE, Moncada S. *Neuroscience.* 1993;53:607-11.
33. Modulation of neuroeffector transmission by endogenous nitric oxide: a role for acetylcholine receptor-activated nitric oxide formation, as indicated by measurement of nitric oxide/nitrite release.

- Wiklund CU, **Wiklund NP**, Gustafsson LE. Eur J Pharmacol. 1993;240:235-42.
34. Modulation of cholinergic and substance P-like neurotransmission by nitric oxide in the guinea-pig ileum.  
Wiklund CU, Olgart C, **Wiklund NP**, Gustafsson LE. Br J Pharmacol. 1993;110:833-9.
35. Endogenous nitric oxide in single exhalations and the change during exercise.  
Persson MG, **Wiklund NP**, Gustafsson LE. Am Rev Respir Dis. 1993;148:1210-4.
36. Nitric oxide synthase activity in the human urogenital tract.  
Ehrén I, Adolfsson J, **Wiklund NP**. Urol Res. 1994;22:287-90.
37. Release of nitric oxide by nerve stimulation in the human urogenital tract.  
Leone AM, **Wiklund NP**, Hökfelt T, Brundin L, Moncada S. Neuroreport. 1994;5:733-6.
38. Neurogenic vasodilation in rabbit hindlimb mediated by tachykinins and nitric oxide.  
Gustafsson LE, Persson MG, Wei SZ, **Wiklund NP**, Elias Y. J Cardiovasc Pharmacol. 1994;23:612-7.
39. Nitric oxide is present in exhaled breath in humans: direct GC-MS confirmation.  
Leone AM, Gustafsson LE, Francis PL, Persson MG, **Wiklund NP**, Moncada S. Biochem Biophys Res Commun. 1994;201:883-7.
40. Localization of nitric oxide synthase activity in the human lower urinary tract and its correlation with neuroeffector responses.  
Ehrén I, Iversen H, Jansson O, Adolfsson J, **Wiklund NP**. Urology. 1994;44:683-7.
41. Nitric oxide-like activity in guinea pig colon as determined by effector responses, bioassay and chemiluminescence analysis.  
Iversen HH, **Wiklund NP**, Gustafsson LE. Acta Physiol Scand. 1994;152:315-22.
42. Smooth muscle relaxing effects of NO, nitrosothiols and a nerve-induced relaxing factor released in guinea-pig colon.  
Iversen HH, Gustafsson LE, Leone AM, **Wiklund NP**. Br J Pharmacol. 1994;113:1088-92.
43. Modulation of smooth muscle activity by nitric oxide in the human upper urinary tract.  
Iversen HH, Ehrén I, Gustafsson LE, Adolfsson J, **Wiklund NP**. Urol Res. 1995;23:391-4.
44. Induction of calcium-dependent nitric oxide synthase by sex hormones in the guinea-pig urinary bladder.  
Ehrén I, Hammarström M, Adolfsson J, **Wiklund NP**. Acta Physiol Scand. 1995;153:393-4.

45. Calcium-independent and steroid-resistant nitric oxide synthase activity in human paranasal sinus mucosa.  
Lundberg JO, Weitzberg E, Rinder J, Rudehill A, Jansson O, **Wiklund NP**, Lundberg JM, Alving K. *Eur Respir J*. 1996;9:1344-7.
46. Elevated nitric oxide in the urinary bladder in infectious and noninfectious cystitis.  
Lundberg JO, Ehrén I, Jansson O, Adolfsson J, Lundberg JM, Weitzberg E, Alving K, **Wiklund NP**. *Urology*. 1996;48:700-2.
47. Changes in nitric oxide release in vivo in response to vasoactive substances.  
Nava E, **Wiklund NP**, Salazar FJ. *Br J Pharmacol*. 1996;119:1211-6.
48. Is glandular formation of nitric oxide a prerequisite for muscarinic secretion of fructose in the guinea-pig seminal vesicle?  
Ehrén I, Sjöstrand NO, Hammarström M, **Wiklund NP**. *Urol Res*. 1997;25:433-8.
49. Visualisation of nitric oxide released by nerve stimulation.  
**Wiklund NP**, Cellek S, Leone AM, Iversen HH, Gustafsson LE, Brundin L, Furst VW, Flock A, Moncada S. *J Neurosci Res*. 1997;47:224-32.
50. Nerve-induced release of nitric oxide in the rabbit gastrointestinal tract as measured by in vivo microdialysis.  
Iversen HH, Celsing F, Leone AM, Gustafsson LE, **Wiklund NP**. *Br J Pharmacol*. 1997;120:702-6.
51. L-arginine enhances functional recovery and Ca(2+)-dependent nitric oxide synthase activity after ischemia and reperfusion in the rat heart.  
Wang QD, Morcos E, **Wiklund P**, Pernow J. *J Cardiovasc Pharmacol*. 1997;29:291-6.
52. Increased cerebrospinal fluid concentration of aspartate but decreased concentration of nitric oxide breakdown products in women experiencing visceral pain during active labour.  
Olofsson C, Ekblom A, Ekman-Ordeberg G, Irestedt L, Nyberg F, Ungerstedt U, **Wiklund P**. *Neuroreport*. 1997;8:995-8.
53. Transurethral needle ablation of the prostate for the treatment of benign prostatic hyperplasia: a collaborative multicentre study.  
Ramon J, Lynch TH, Eardley I, Ekman P, Frick J, Jungwirth A, Pillai M, **Wiklund P**, Goldwasser B, Fitzpatrick JM. *Br J Urol*. 1997;80:128-34; discussion 134-5.
54. Nerve stimulation-induced nitric oxide release as a consequence of muscarinic M1 receptor activation.  
Iversen HH, **Wiklund NP**, Olgart C, Gustafsson LE. *Eur J Pharmacol*. 1997;331:213-9.
55. Urinary nitrite: more than a marker of infection.  
Lundberg JO, Carlsson S, Engstrand L, Morcos E, **Wiklund NP**,

- Weitzberg E. *Urology*. 1997;50:189-91.
56. Blockade of nitric oxide-evoked smooth muscle contractions by an inhibitor of guanylyl cyclase.  
Olgart C, **Wiklund NP**, Gustafsson LE. *Neuroreport*. 1997;8:3355-8.
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