

Curriculum Vitae

C.V



Name: Ahmed Yassin Ahmed Nassar.

Position: Professor of Biochemistry.

**Institution: Assiut University - Faculty of medicine-
Department of Biochemistry**

Date and place of birth: 13-07-1941, Al Sharkiea governorate.

Professional history: 1-Chemist in the ministry of scientific research- the institute of medical research, 01-02-1966.

2- Demonstrator of Biochemistry in the institute of medical research-Alexandria University since 12-07-1971.

3- Assistant lecturer of Biochemistry in the institute of medical research since, 01-01- 1974.

4- Assistant lecturer of Biochemistry, Assiut University, since, 04-06-1974.

5- Lecturer of Biochemistry, Assiut University since, 14-12-1977.

6- Assistant professor of Biochemistry, Assiut University, since 14-10-1984.

7- Professor of biochemistry, Assiut University, since 07-01-1990.

8- Chief of the department of biochemistry, Assiut faculty of medicine, since 27-09-1992 to 1995.

**Missions abroad: Scientific mission to Denmark 1988,
Scientific mission to the USA to attend, in the name of Egypt,
the 9th international congress on toxinology, Oklahoma 1988.
Scientific expert to Ethiopia (1996-2001).**

**Scientific mission to France, Marseles, 1992.
As a delegate expert to Ethiopia from 1996 to 2002.**

**Scientific background: 1- Bachelor of Science (Chemistry and
Geology) from Alexandria University, june 1965.with general
grade, very good.**

2- Master of Biochemistry from Alexandria University, 1973.

**3- PhD. in Chemistry, Biochemistry, from Assiut University,
1977.**

Scientific interests and societies membership:

**The main fiels of interest are: Natural toxins and biology of
copper complexes.**

**- Lead many works on animal and plant toxins in the eighties
through the nineties, and asserted this trend in Assiut
University in collaboration with European recognized
scientists.**

- Conducted and lead many works on the isolation and characterization, besides studying the beneficial effects, of some extracts from Egyptian scorpion venoms.
- Conducted many researches on the biological beneficial activities of copper complexes, the possible therapeutic effects of copper(I)-nicotinic acid complex on some inflammatory diseases ,like : gastric ulcer, rheumatoid arthritis, fatty liver, and side effects of cancer chemotherapy on liver.

*** Member of:**

- “International Society on Toxinology”.
- ”The Egyptian society of Natural Toxins”.
- “The New York Academy of Sciences”.
- American Association for The Advancement of Science.

*** Conferences Attendance:**

Attended many local and regional conferences, besides international conferences in Europe, USA and Far Asia

Awards and honoring:

- 1- "Gold Medal for Egypt. 2007 " from the American biographical institute.
- 2- Nominated for 21st intellectuals by The International Biographical Centre , Cambridge 2008.

3- Nominated for "The Davinci Diamond for Distinction In Science" from The International Biographical Centre, Cambridge 2008.

****Patents:***

1-A PCT Patent: PCT/EG2007/000029-W11-153,

Title: A COMPOSITION OF EGG WHITE COPPER COMPLEXES WITH MEDICINAL BENIFITS.

2- Applicant of a local patent on the synthesis of a peptide with medicinal benefits 2007.

3- Applicant of a local patent on a composition for treating Psoriasis containing one part of a copper peptide complex 2007.

Publications

- 1- Iron Kinetics in Albino rats. Nassar A.Y., Salah M.K. and Abdalla M. Assiut. Vet .Med. J. Vol. 8 pp. 48-50 (1981).
- 2- Normal Cholinesterase values in adult human. Nassar A.Y. Abdel Mageed S. and Helal M. Assuit Med. J. Vol. 5 No. 1 pp.16-21.
- 3- Binding of Aflatoxins B₁, G₁ and M₁ to plasma albumin. Nassar A.Y. Megalla S. Hafez and EL-Deep T. Mycopathologia 79, pp.35-38.
- 4- Estrogenic effect of Zearalenone on uterine acetyl Cholinestrace in female rats. Nassar A.Y Megalia S and Hafez A Mycopathologia, 07 pp. 173-178 (1082).
- 5- Aflatoxin and Aflatoicosis: The Kinetic behaviour of dietary aflatoxin B₁ on colostrum drown from cows Post partum. Nassar A.Y., Megalla S., Hafez and El-Deep T. Mycopathologia 89, pp.161-164 (1985).
- 6- Toxicity of antihelminthic combantrin with reference to fatal cases. Abdel Mageed S., Abdel Nabey A. and Nassar A.Y. Assuit Med. J. Vol. 6 No 5 pp. 73-77 (1982).
- 7- Effect of Aflatoxin B₁on utilization of Serum Calcium. Nassar A.Y., Megala. and Hafez A. Mycopathologia 91, 2 pp. 127-131 (1986).
- 8- Changes in the testis and accessory organs in experimental animals with diabetes. Sana A., Mohammed A., Nasr N., and Nassar A.Y., Assuit Med. J. Vol. 13 No. 2 pp. 31-35 (1986).

- 9- Effect of PGA. on uterine acetyl cholinesterase and health significance for Pregnants. Nassar A.Y., Zaghlol A., Abdel Raheims S., and EL-Ahrof A. Where is Environmental Health? (Ed: EL-Ahraf A.) Clivland Ohio University Press pp. 112-118(1987).
- 10- Biological activity of synthetic Copper (I)-nicotinic acid Complex on Plasma lipids. Gohar M., Nassar A.Y., Abdel Monem M and EI-Saadani M. New Methods in Drug Research (Ed. Nicol R.)3rd Cyprus Conference on New Methods in drug Research; F.B.S. Humana Press pp. 25-30 (1987).
- 11- The role of Copper (I) - nicotinic acid complex on Kojic acid biosynthesis by *Aspergillus flavus*. Megalla S., Nassar A.Y. and Gohar M. Journal of Basic Microbiology 27. 29-33 (1987)
- 12- Copper (II) - nicotinic acid complex: An immunopotentiator in chickens vaccinated against Newcastle disease. Musa S.A., Hafez A., Nassar A.Y. and Gohar M.A. Biology of Copper complexes. (Ed: J.R. Srenson) Humana Press, Inc., Clifton, New Jersey, pp. 343-358 (1987).
- 13- GlycosyJated hemoglobin in Calves with respiratory and metabolic disorders Nassar A.Y., EL-Sabri A., EL-Shafei A. and EL-Sawi N. The Scientific J. of the Egyptian Biochemical Society vol. 12, No.2 pp. 93-101 (1988).
- 14- In vivo and in vitro effects of copper (I) - nicotinic acid complexes on lipids and Lipoproteins. El Saadani M., Nassar A.Y., Jurgens G. and Easterbauer H. Agents Actions Suppl. 26: 247-258 (1988).

- 15- Effect of PGB, E and F₂a on Iodine Kinetics in the Thyroid gland Nassar A.Y., Hassan K., and Omer H. Assuit Med. J. Vol. 19 No. 2 pp. 5-12 (1988).
- 16- Glycosylated hemoglobin and other biochemical parameters of blood in diabetic patients Nassar A.Y., Hasan H., Ahmed Y.. and Meki A. Assuit Med. J. Vol. 12 No. 2 pp. 17-27 (1988).
- 17- Copper and Copper-nicotinic acid complexes mediated oxidation of high density Lipoprotein. El-Saadani M., Nassar A.Y., Easterbauer H., Jurgens G. El-sayed M., Gohar M. and Holasek A. Basic Life Sci. 49:381-385, (1989).
- 18- A Spectrophotometric assay for lipid peroxides in plasma EL-Saadani M., Jurgins G., Nassar A.Y., and Easterbauer H. Journal of Lipid Research Vol, 30 pp.52-60 (1989).
- 19- The effect of Cu (I)-nicotinic acid complex on the semen picture of Bulls Zaghiol A.H and Nassar A.Y. Assiut Journal of Veterinary Medicine 32. 11 (1989).
- 20- Isolated fractions from toxins of Egyptian Scorpions and cobra activated smooth muscle contraction and glomerular filtration Nassar A.Y., Abu-Sinna G., and Abu-Amara S. Toxicon 27 No. 1 pp. 65-70 (1980).
- 21- Glycosylated hemoglobin and osmotic fragility of red blood cells Nassar A.Y., Salah M., EL-Shafi A. and EL-Sawi N. The Arab J. of Lab. Med. Vol. 15 No. 2 pp. 73-84 (1989).

- 22- Threats created by using mouldy balady bread in poultry feed. Hafez A., Megalla S., Musa A., and Nassar A.Y. Journal of Egyptian Soc. Toxicol Vol.4 pp. 73-78 (1989).
- 23- Some physiological studies on fungi isolated from samples of poultry feed stuff. Megalla S., Nassar A.Y., Moharrum A., Abdel -Gowaad and Mohamoud A., Journal of Basic Microbiology. Vol. 30 No. 3 pp. 165-180 (1990).
- 24- Effect of a bradykinn potentiating fraction from venom of the Egyptian Scorpion *Buthus occitanus* on the ovaries and endometrium of mice. Nassar A.Y., Abu-Sinna G., and Abdel- Reheim S. Toxicon Vol. 28 No. 5 pp. 525-534 (1990).
- 25- Effect of red blood cell storage on the hemoglobin fractions Nassar A.Y., Salah K., EL-Shafei A. and EL-Sawi N. The Arab J. of Lab. Med. Vol 16 No. 1 pp. 111-117 (1990).
- 26- Aflatoxicosis is an initiating risk factor for malnutrition in infants Nassar A.Y., Fahim M. and El-Saadani J. Egypt. Soc. Toxicol vol. 7 pp. 46-50 (1992).
- 27- Brady Kinn Potentiating fraction isolated from venom of Egyptian Scorpion *Buthus occitanus* potentiates Spermatogenesis in mice. Nassar A.Y., Abu-Sinna G., EL Saadani M. and Abdel Raheim S. Recent Advances in Toxinology Research (Ed: Gopala Krishnakon) . National University of Singapore, pp. 201-208(1992).

- 28- The protective effect of Copper Complexes against gastric mucosal ulcers in rats. El-Saadani M., Nassar A.Y., Abou EL-Eia S., and Aiiam M.F. Biochemical Pharmacology. Vol. 46 No 6 pp. 1011-1018 (1993).
- 29- Therapeutic effects of Cu (I)-nicotinic acid (Complex on Patients with liver cancer treated with 5-Fluorouracil Nassar A. Y., Meki A.M., Mahfouze M. and Attica M. Assuit Journal of Sciences 91:22(1995)
- 30- Brady Kinin Potentiating peptide (K_{12}) isolated from Egyptian Scorpion *Bothus occitanus*. Mekia., Nassar A.Y. and Harvia Rochat. Peptides vol. 16 No.8. pp, 1359-1365 (1995).
- 31- Brady Kinin Potentiating Fraction isolated from the Egyptian Scorpion *Buthus occitanus* induced prostaglandin biosynthesis in uteri of female guinea pigs Mekia A., Omar H. and Nassar A.Y. Comparative Biochem. and physiol. Vol 116 C. No. 3 pp. 183-189 (1997).
- 32- The role of prostacyclin in the pathogenesis of portal hypertension. Yousreya A. Ahmad; Ahmad Medhat; Ahmad Y. Nassar; Ahmad EL-Tony; Nabawiya M Tawfik and Khaled Rashad. Reprinted from proceeding of Tenth Annual Scientific Conference April 1992.
- 33- Evaluation of Acid Digest Method for extraction and Identification of p-Phenylenediamine (hair dye) from post –mortem Tissue Samples. Khaled M. Mohamed; Ahmed Y.Nasser. East meets West in Forensic Toxicology, South Korea, 2005.
- 34- Some physiological studies on fungi isolated from poultry feedstuffs .SAMUEL E. MEGALLA, A.Y.NASSAR, A.M. MOHARRAM, K.M.

ABDEL-GAWAD and A-L .E. MAHMOUD J. Basic Microbiol. 30(1990) 3,165-180.

- 35- An anti-inflammatory effect of Cu (1) – nicotinic acid complex on adjuvant arrhrithic rat. Manal A.M. Mandour, Nagla T.H. EL-Melegy, Ahmed y. A. Nassar, Alam A.M. Nafady, Muhammad I. kotb. EJBMB December 2005 VOlume 23 Special Issue.
- 36- A novel therapeutic drug (copper nicotinic acid complex) for non alcoholic fatty liver. Ragaa H .M. Salama, Ahmed Y .A. Nassar, Allam A. M. Nafady and Hesham H.T.Mohamed. Liver international, volume27.issue 4, page 454-464.may 2007.
- 37- The antioxidant activity of Vitamin C, DPPD and L-cysteine against Cisplatin-induced testicular oxidative damage in rats. Emad A. Ahmed, Hossam M. Omar, Sary Kh Abd elghaffar, Sohair M.M. Ragb, Ahmed Y. Nasser. Food and Chemical Toxicology 49 (2011) 1115–1121.
- 38- Development and Validation of High-Performance Liquid Chromatography–Diode Array Detector Method for the Determination of Tramadol in Human Saliva. El-sayed A. Y., Mohamed K. M, Hilal M. A., Aboul Hagag K. E., A. Y Nasser, *J. Chromatograph Separat Techniq*, Vol 2, Issue 4, (2011) 2.
- 39- Simultaneous Determination of Tramadol and its Two Main Metabolites in Human Urine by GC-MS. Mohamed K. M, Esayed, A. Y., Nasser, A. Y., Button, J and Holt, D. W, *Ther Drug Monit*, Vol 33, 4, (2011)488.
- 40- Evaluation of Acid Digest Method for Extraction and Identification of p- Phenylenediamine from post-mortem tissue samples, K. M.

Mohamed and A. Y. Nasser, *43rd The International Association of Forensic Toxicologists meeting (TIAFT)* (2005).

- 41- Protective Effects of Copper (I)-Nicotinate Complex Against Aflatoxicosis. Ahmed R. Shatat, , Heba M. Saad Eldien, Muammar Y. Nasser, Amany O. Mohamed, Abdel Haleem M. Hussein, Abu-Bakr A. El-Adasy, Ahmed A. Khames and Ahmed Y. Nasser. *The Open Toxicology Journal*, 2013, 7, 1-10.

List of Publications (performed by Prof-Dr; A.Y.Nassar)

1- International Books

No.	Title of the Book	Publisher	Editor	Year	Tide of the subject
1	Recent Advances in Toxinology Research	National University of Singapor	Gopala krishnakon	1992	BPF fronScorpion Venom Potentiates spermatogenesis
2	Oxygen Radicals Biology and Medicine (Basic Life SciencesVol.49)	Pleneem Press	Simic M	1990	Effects of Cu-nico-tini acid complex on lipids and lipoproteins
3	Where is Environmental Health?	Claveland Ohio University	EL- Ahraf	1988	Effect of PGA, on Uterine AChE and Health .Significance
4	Atherosclerosis- cholestrol Homeostasis(Agen-ts and Action Suppli ments Vol 26)	Birkhauser verlag Basel	Parnbam M. J. Nuemann R.	1988	In vivo and in vitro effects of copper nicotinate complex on cholesterol
5	Biology of copper complex	Humane press	Sorenson J.	1987	Cu-Nicotinic acid acts as an Immuno potentiator

2- International Journals

Name of the journal	Volume	No.	Year	Title of the subject
1. Biochemical pharmacology	46	6	1993	The protective effect of copper complexes on
2. J. Basic Microbiology	30	3	1990	Some physiological studied on furgis isolated from
3. Toxicon	28	5	1990	Effect of BPF from Egyptian scorpion on
4. J. Lipid Reseach	30		1989	A spectrophotometric assay for lipiid peroxides

5. Toxicon	27	1	1989	Isolated fraction from toxins of Egyptian scorpions
6. Mycopathologia	97		1987	Estrgenic effect of Zearalen one on the uterine AChE
7. J. Basic Microbiology	27	1	1987	The role of Cu-nicotinate on
8. Mycopathologia	91	2	1985	Effect of AFB 1, on utilization of calium
9. Mycopathologia	89		1985	Aflatoxin & Aflatoxicosis the Kinetic behaviour
10. Mycopathologia	79		1982	Binding of AFB, G, and M to plasma albumin.

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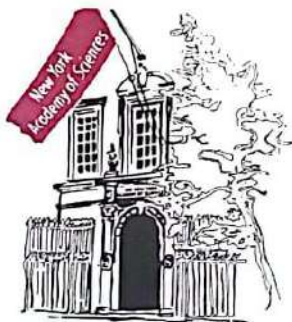
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Dear Dr. Ahmed Y. Nassar;

Just a gentle reminder of our request for your review of the submission, "Phytochemical profile, antioxidant, and anti-inflammatory potential of extracts of *Callicarpa macrophylla* Vahl. from Uttarakhand Himalayan region," for International Journal of Plant Based Pharmaceuticals. We were hoping to have your response by 29.05.2023, and this email has been automatically generated and sent with the passing of that date. I believe that you would serve as an excellent reviewer of the manuscript. The submission's abstract is inserted below, and I hope that you will consider undertaking this important task for us.

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Submission

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Thank you for considering this request.

"Phytochemical profile, antioxidant, and anti-inflammatory potential of extracts of *Callicarpa macrophylla* Vahl. from Uttarakhand Himalayan region."

Abstract

Objectives: The medicinal traits of the shrub *Callicarpa macrophylla* have been used in traditional and folklore medicinal system, however scientific evaluation of such medicinal plants have not been much explored yet. The polar and non-polar extracts of the whole plant of *Callicarpa macrophylla* from the Himalayan region are the key subject of interest to evaluate and compare its antioxidant as well as anti-inflammatory properties in relation to its phytochemical composition.

Methods: Hexane and methanolic extracts of *Callicarpa macrophylla*-Vahl. were prepared using the Soxhlet apparatus. GC-MS profile of both extracts outlined the individual components of both extracts. The antioxidant activity of both extracts was evaluated in terms of DPPH radical scavenging activity, metal chelating activity, and reducing power activity. Additionally, the anti-inflammatory property was also evaluated.

Conclusion: The hexane extract profile identified 32 compounds, accounting for 63.56% of the total extract composition with Tetratetracontane (9.78%), as the prominent compound. A sum of 26 compounds making up 79.74% of the total methanolic extract composition was identified and the major compound was a diterpenoid, Trachylobane (31.87%). The methanolic extract, *in vitro*, exerted potent antioxidant properties when compared to hexane extract as it showed better IC₅₀ values of DPPH radical scavenging activity (91.97±0.33 µg/mL), metal chelating activity (10.90±1.40 µg/mL) and reducing power activity (56.72±0.67 µg/mL). In addition, the methanolic extract also showed better anti-inflammation with an IB₅₀ value of 64.09±1.31 µg/mL. The antioxidant and anti-inflammatory potential of methanolic extract was also comparable to standards. Therefore, the methanolic extract exhibited better results as compared to hexane extract and had comparable potential with standards *in vitro*, if further explored might be utilised as an antioxidant as well as an anti-inflammatory agent in various pharma and cosmetic industries.

Prof. Dr. Bektas TEPE (Ph. D.)

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The C allele of LPA1-rs8352 single nucleotide polymorphism is associated with serum eosinophil cationic protein, high-sensitivity C-reactive protein, and immunoglobulin E levels and blood eosinophils count in children with bronchial asthma

Original Research Article

Polymorphism; LPCA1-rs8352; genotypes; pediatric asthma; asthma severity

Bronchial asthma is the most frequent chronic non-contagious illness during childhood and adolescence. The current study investigated the association of the LPCAT1-rs8352 genotypes and alleles with biomarkers of pediatric asthma severity namely eosinophil cationic protein [ECP], high-sensitivity C-reactive protein [hs-CRP], immunoglobulin E [IgE], and blood eosinophils count [BEC] and the Forced expiratory volume 1 [FEV1]. The study included 96 children grouped into G1 [50 healthy] and G2 [46 asthmatics]. ECP, hs-CRP, and total IgE serum levels were assayed by their corresponding ELISA kits. Neonatal venous blood DNA was extracted using Gene JET™ Whole Blood Genomic DNA Purification Mini Kit. The genotyping was done by RT-PCR. Significantly higher percentages of LPCAT1-rs8352 GC & CC-genotypes were found in G2 than in G1 [p<0.001]. Asthma severity, BEC and ECP, hs-CRP, and total IgE serum levels were significantly higher while the FEV1 values were lower in children with LPCAT1-rs8352 CC-genotype than in those with GC and GG genotypes and in children with the GC-genotype than in those with the GG-genotypes. In conclusion, The C allele of the LPCAT1-rs8352 SNP is associated with pediatric asthma onset and severity. We recommend a national-wide study to investigate the genotypic distribution of the LPCAT1-rs8352 and other SNPs in the population and their associations with the onset and severity of asthma.

$$P < 0.001$$
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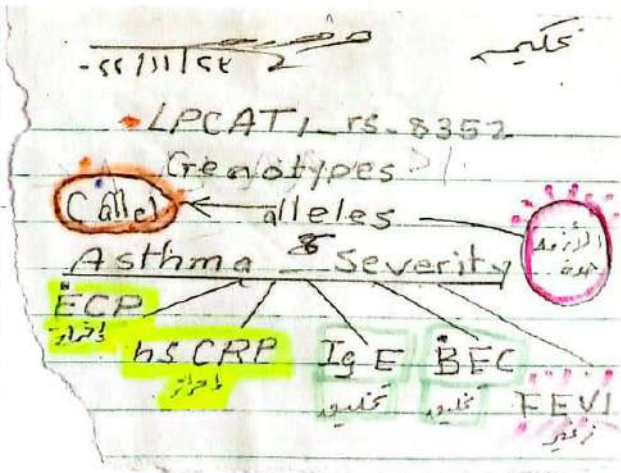
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Perfluorooctanoic acid induces testicular injury in male rats
through oxidative stress and suppression of ribosomal
protein gene expression

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1. ☒ A novel therapeutic drug (copper nicotinic acid complex) for non-alcoholic fatty liver.

Salama RH, Nassar AY, Nafady AA, Mohamed HH.
Liver Int; 2007 May;27(4):454-64.
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2. ☒ [Non-alcoholic fatty liver disease in children: a new complication of obesity].

Bocca G, Stolk RP, Schenstra R, Sauer PJ.
Ned Tijdschr Geneesk; 2008 Nov 8;152(45):2443-7.
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3. ☒ A role for low hepatic copper concentrations in nonalcoholic Fatty liver disease.

Aigner E, Strasser M, Haufe H, Sonnweber T, Höfla F, Stadlmayr A, Solioz M, Tilg H, Patsch W, Weiss G, Stiekel F, Datz C.
Am J Gastroenterol; 2010 Sep;105(9):1978-85.
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4. ☒ Review article: omega-3 fatty acids - a promising novel therapy for non-alcoholic fatty liver disease.

Masterton GS, Plevris JN, Hayes PC.
Aliment Pharmacol Ther; 2010 Apr;31(7):679-92.
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5. ☒ [Role of the endocrine system in the pathogenesis of non-alcoholic fatty liver disease].

Hagymási K, Reismann P, Rácz K, Tulassay Z.
Orv Hetil; 2009 Nov 29;150(48):2173-81.
[Free fulltext](#) | [Abstract](#) | [1 citer](#) | [More from the authors](#) | [Email](#) [hago.martinez@foresail.hu](#) | [Citation export](#)

6. ☒ [Non-alcoholic fatty liver disease and cardiovascular risk].

Abel T, Fehr J.
Orv Hetil; 2008 Jul 13;149(28):1299-305.
[Abstract](#) | [More from the authors](#) | [Email](#) [abelt@t-online.hu](#) | [Citation export](#)

7. ☒ A complex role of activin A in non-alcoholic fatty liver disease.

Yndestad A, Haukeland JW, Dahl TB, Bjoro K, Gladhaug IP, Berge C, Damås JK, Haaland T, Loberg EM, Linnestad P, Birkeland K, Konopski Z, Halvorsen B, Berge RK, Aukrust P.



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July 9, 1990

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