

CURRICULUM VITAE

NAME: Dr. R.T. KUMAR

HOME ADDRESS: 698 West Belle River Road
Belle River, ON

BUSINESS ADDRESS: TBA

TELEPHONE: Home: (519) 727 3921 Fax Home: same as above allow 7 rings

Cell: (519) 300 0801

Work: TBA

Work Fax: TBA

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Work: TBA

PERSONAL DATA:

Date of Birth: November 11, 1963

Citizenship: Canadian

Family Status: Divorced

EDUCATION:

1981 - 1985 BSc Honours in Biology awarded by:

Department of Biology

Dalhousie University

Halifax, Nova Scotia

1985 - 1990 MSc jointly awarded by:

Department of Biology

Dalhousie University
Halifax, Nova Scotia

Institut für Mikrobiologie
Ludwig Maximilian Universität
München, Bayern
Deutschland

*******Masters done with Dr. H. Schrempf who was cited by the Nobel prize committee for her contribution to the work of the 2008 Nobel Prize Winner in Medicine.**

1986 - 1990 MD awarded by:
Faculty of Medicine
Department of Biology
Dalhousie University
Halifax, Nova Scotia

1990 - 1991 Rotating Internship
Toronto East General and Orthopedic Hospital
Toronto, Ontario

1991 - 1992 First Residency Year Internal Medicine Dalhousie University
Halifax, Nova Scotia

1996 - 1997 Senior Internal Medicine Resident

Oakwood Hospital and Medical Centre
Dearborn, Michigan

APPOINTMENTS:

1991 – 1993 Attending Staff, Cobequid Multiservice Centre Emergency Room, Lower Sackville, Nova Scotia

1991 – 1993 Attending Staff, Canadian Forces Hospital, Halifax, Nova Scotia

1992 – 1994 Courtesy Staff, Camphill
Medical Centre, Halifax, Nova Scotia

1992 – 1994 Medical Officer responsible for Addiction Rehabilitation
Centre (ARC) Atlantic Canada,
Canadian Armed Forces

1992 - 1994 General Duty Medical Officer, Canadian Forces Hospital,
Halifax, Nova Scotia

1994 – 1999 Professional Assistant Staff in Medical Oncology, London
Regional Cancer Centre, London,
Ontario

1995 - 1996 Attending Staff, Commissioners Medical Clinic, London,
Ontario

1996 - 1998 Attending Staff, Windsor Medical Clinic, Windsor, Ontario

1996 – 1997 Committee Member, Institution Review/Research
Committee, Oakwood Hospital and
Medical Centre, Dearborn, Michigan

1997 - 2000 Attending Staff, Hotel Dieu Hospital, Windsor, Ontario

1998 – 2000 Attending Staff, Windsor Regional Hospital, Windsor,
Ontario

1999 - 2000 Committee Member, Hotel Dieu-Grace
Hospital Palliative Care Committee

1999-2000 Committee Member, Regional Palliative
Care Committee, Windsor-Essex County

1999 - 2000 Ethics and Values Audit Committee of the
Board, Hotel Dieu-Grace Hospital,
Windsor, ON , Member

1999 - 2000 Medical Co-ordinator, Code Orange
Disaster Response Team,
Hotel Dieu-Grace Hospital

1999 - 2000 Pharmacy and Therapeutics Committee
Hotel Dieu-Grace Hospital, Member

1999 – 200 Hospitalist and Palliative Care, Dept. of Family Practice,
Hotel Dieu Grace Hospital, Windsor, ON

2000 - 2001 Emergency Room Physician
Glace Bay Site
Cape Breton Regional Hospital
Sydney, N.S.

2001 - 2002 Medical Staff, Sioux Lookout Zone
Hospital, (Health Canada)
Sioux Lookout, ON

2001 - 2002 Community Physician (fly-in)
Fort Hope, ON,

2002, 2005-06 Attending Staff, Lady Dunn
Memorial Hospital
Wawa, ON

2002-2003 Attending Staff
Thunder Bay Regional Hospital
Thunder Bay, ON

2002 - 2004 Attending Staff,
Chatham-Kent Health Alliance
Chatham, ON

2003 - 2004 Pharmacy and Therapeutics
Committee
Chatham Kent Health Alliance
Chatham, ON

**All Appointments noted above were associated with a Family
Practice component unless otherwise specified**

AREAS OF INTEREST:

My research interest and background were based in the molecular mechanisms and rearrangements in the DNA of bacterial mutants or tumor cell lines when compared to the wild-type or normal cell. This research had involved the use of standard molecular biological tools including restriction enzyme mapping, Southern hybridization, polymerase chain reactions and pulse field electrophoresis.

I am co-author of a study examining the molecular genetics of a case of familial myelodysplastic syndrome based at Dalhousie University, Halifax, Nova Scotia. I have also participated in several other studies presented at scientific meetings dealing with the role of activated protein C resistance in the etiology of thrombotic events in cancer, treatment of recurrent small cell lung cancer and the aforementioned study of familial myelodysplastic syndrome (see Abstracts and Posters).

Under the supervision of hematologists and medical oncologists from 1994 – 1995 I have participated in the care of cancer patients with direct responsibility for inpatient and outpatient chemotherapy, general internal medicine issues and autologous bone marrow transplantation, from bone marrow harvest and reinfusion to post-transplant care.

I have an avid interest in teaching, and this along with a strong research component, as well as an active clinical practice, are an integral part of my future career direction as a primary-care practitioner/clinical researcher. In addition, I also have some formal training and experience in palliative care which has always been an integral part of all my clinical experiences along with a licence for the use of Methadone for analgesic purposes. **Chronic pain treatment is a special interest of mine.** I also have a background in substance abuse treatment (see ARC 1992-94 under **Appointments**) which has remained an interest in all my practices.

I have and continue to participate in various clinical studies at the cutting edge of innovations in patient care, in many varied parts of clinical medicine.

AWARDS AND DISTINCTIONS

1981 Entrance Scholarship Dalhousie University (\$1500 CAN)

1985-1987 National Science and Engineering Research Council Grant for Graduate Student (\$10000 CAN)

1987 Summer National Science and Engineering Research Council Summer Studentship (\$5000 CAN)

1990 Dalhousie Medical Students Society Silver Medal

1994-1996 National Science and Engineering Research Council Grant for Scientific Research (\$20000 CAN)

1997 Award of Excellence for Coronary Care Unit Supervision, Oakwood Healthcare System, Oakwood Hospital, Dearborn, MI

*******1998 Letter of Commendation from Registrar of College of Physicians and Surgeons of Ontario on asset to medical profession and bringing the art to practice or medicine**

1998-2000 Member of the first full time hospitalist Team in Canada, Hotel-Dieu Grace Hospital, Windsor, ON

2003 Chosen by the Ontario College of FamilyPhysicians to be an OpinionLeader/PeerPresenter (for Alzheimer's Disease for teaching of Family Physicians in Ontario

2003 Chosen by the College of Physicians and Surgeons of Ontario Methadone for Pain Working Group to review the College's draft Guidelines on the Use of Methadone for Analgesia

2005 Chosen by Hoffman Roche to sit on Advisory Board for teaching general Practitioners about dementia

2006 Chosen by the Canadian Heart Research Centre to review educational material on global risk. "Management of global risk: from clinical trials to clinical practice"

2006 Certificate of Achievement from the Canadian Heart Research Centre for excellence in vascular primary care

2007 Recognition by McMaster University on excellence of teaching nurse practitioner students

2010 Asked to sit on Advisory Board for Tecta,
Nyco Med Canada

MEMBERSHIPS OF SOCIETIES:

Ontario Medical Association
Nova Scotia Medical Society (former)
Professional Association of the Interns and Residents
of Ontario (former)
Associate American College of Physicians (former)

LICENSURE:

License, Provincial Medical Board of Nova Scotia, No. 10191
Independent Practice Certificate, Ontario, No. 62327
State of Michigan Board of Medicine Physician Education -
Limited License, No. 4301068861
License for the use of Methadone for analgesia - Office of Controlled
Substances, Health Environments and Consumer Safety Branch, Health
Canada

LANGUAGES

English, German, French, Hindi

SUMMARY OF RESEARCH EXPERIENCE:

1984-1985 (Summer)

BSc Honors: Mutagenesis and screening of genetically

Dr. H. Schremp unstable variants of Streptomyces lividans

Department of Biology for amplified DNA sequences

Dalhousie University

Halifax, Nova Scotia

1985-1987 (Summer)

MSc: Characterization of a 4.4 kb amplified

Drs. H. Schrempf and DNA sequence in a tetracycline- sensitive

P. Dyson variant of Streptomyces lividans

Institut für Mikrobiologie

Ludwig Maximilian Universität,

München, Deutschland

1991 - 2000 Internal Medicine Residency Characterization of a rare case of

Drs. W. Greer and S. Mandla familial myelodysplastic syndrome

Dalhousie University, Halifax, N.S.

1994 - June 1995

Clinical Associate - The role of activated protein C

London Regional resistance in malignant disease

Cancer Centre

Dr. M. Kovacs

University of Western Ontario
London, Ontario

1994 - 1995

Clinical Associate Treatment of recurrent small cell London Regional
Cancer carcinoma of the lung with

Centre of CSFsupport

London, Ontario

London Regional

Cancer Centre

Dr. M. Vincent

**RESEARCH UNDERWAY, COMPLETED or CASE STUDIES BEING
WRITTEN**

(*** STUDIES PARTICIPATED IN AS CLINICAL DATA
COLLECTION SITE FOR PATENTS)

(1) Tuberculous atlanto-axial instability in a 8 year-old First Nations' boy without clinical or diagnostic pulmonary findings of Tuberculosis; [paper in preparation](#).

***** (2) Chosen by Hoffman Roche to participate in study of Reminyl in the treatment of early dementia. (INSPIRE); study completed 2007-2008**

***** (3) Hot Flash: Use of Gabapentin in the treatment of menopausal hot flash symptoms; study completed 2005**

***** (4) Study comparing Ezetrol and low dose statin with double dose statin.(Merck Frosst); study completed 2006**

***** (5) C.A.G.E. (COPD care gap evaluation) participant;
study completed 2007**

**(6) Reversible severe unilateral airway edema in a 80 y.o. old
male with DM and CVA; [paper in preparation.](#)**

**(7) A case of Takayasu's arteritis in a 20 y.o. old female with
IDDM – [paper in preparation.](#)**

***** (8) EasEE Klik: A patient study of a new insulin pen for
Lantus
insulin. Study Published by Pharmaceutical Company 2010**

See Publication, Posters, Abstracts

ADDITIONAL EXPERIENCE:

1984-1985, 1986-1987

Instructor: Course Microbiological Techniques:

Dalhousie University

Halifax, Nova Scotia

Organizer: Dr. D.B. Stoltz

Instructor: Mikrobiologie und Molekular Biologie

Praktikum Ludwig Maximilian Universität

München, Bayern, Deutschland

May 1993

Attendee: Annual Scientific Conference
American Society of Addiction Medicine
Los Angeles, CA

November 1993

Attendee: Trauma Update
Department of Surgery
University of British Columbia
Vancouver, BC September 1994

September 1994

Attendee: 2nd International September Breast
Cancer Meeting
London Regional Cancer Center
London, ON

December 1994

Attendee: Annual meeting, American Society of Hematology
Nashville, TN

December 1995

Presenter: Annual Meeting, American Society of
Hematology
Seattle, WA

May 1997

Presenter: Regional Meeting, American College of Physicians
Grand Rapids, MI

June 1998

Attendee: College of Physicians and Surgeons of
Ontario

Course on Methadone Use

Toronto, ON

January 1999

Attendee: University of Western Ontario

Level 2 Palliative Care

Conference

Grand Bend, ON

December 1999

Presenter: The Hospitalist Movement in Canada - An
Inpatient New Strategy for Managing
Acute Medical Services, Toronto, ON

February 2000

Attendee Rheumatology Update for Primary Care,

Temple University, Sarasota, FL

March 2000 - September 2000

Founder and Lecturer CME Lecture Series for Nursing Staff,
Windsor Regional Hospital and
Hotel Dieu-Grace Hospital

October 2000

Attendee Canadian Association of Emergency Physicians Advanced
Airways Course

Cape Breton Regional Hospital,

Sydney, N.S.

February 2001

Attendee Emergency Medicine Refresher Dalhousie University, Halifax,
N.S.

January 2002

Attendee Advanced Trauma and Life Support
Thunder Bay, ON

April 2002

Attendee Pediatric Emergencies
Temple University / American Medical Seminars, Sarasota, FL

June 2002

Attendee Upper Gastrointestinal Pathology
Northwestern Ontario Regional Surgical Network Summer Meeting
Sioux Lookout, ON

July 2002

Lecturer TeleHealth Phone Conference to 10 Nursing Stations in the
Sioux Lookout Zone

Pediatric Respiratory Emergencies
(Data from American Medical Seminar
April 2002 listed above
Sioux Lookout, ON

July 25, 2002

Organizer and Moderator TeleHealth conference by Dr. J. Deutsch,
Hospital for Sick Kids, Toronto, ON. ,

On “Suicide in First Nations Children and Adolescents in the Sioux Lookout Zone” Sioux Lookout Zone Hospital and 20 Nursing Stations in the Zone

June 2002 – 2003

Author Medical Information Column for
sioux-online.com biweekly

May 2003 Emergency Medicine Update,
Attendee North York General Hospital
Toronto, ON

June 2003 Acute Coronary Syndromes

Lecturer Emergency Room Staff

Chatham Kent Health Alliance

Chatham, ON

September 2003 ACLS Course

Attendee Chatham-Kent Health Alliance,

Chatham, ON

November 2003 - CME Course for RN's/RPN's, Paramedics and
Nursing students,

Course Director and Lecturer

Chatham Kent Health Alliance

Chatham, ON

November 2004

Attendee College of Physicians and Surgeons of
Ontario
Course on Record Keeping
Toronto, ON

December 2004 Canadian Heart and Stroke Foundation
Attendee Annual Meeting
Toronto, ON

September 2005 Cervical Cancer Screening Guidelines
Attendee Implementation in Ontario
Cancer Care Ontario
Toronto, ON

October 2006 Primary Care Update
Attendee London, ON

February 2007 Diabetes Update for Primary
Attendee Care,
Toronto, ON

December 2008 Canadian Heart and Stroke
Attendee Foundation Annual Meeting
Toronto, ON

October 2009 Primary Care Update
Attendee London, ON

February 2012 Hamilton Academy of Medicine
Attendee Annual Refresher for Primary Care
Hamilton, ON

June 2012 Violence in the Workplace Prevention Training for Managers
and Supervisors
Erie St Clair Clinic for Addiction Medicine
Windsor, ON
Attendee

June 2012 Discrimination and Harassment Prevention Training for
Managers and
Supervisors
Erie St Clair Clinic for Addiction Medicine
Windsor, ON
Attendee

PUBLICATIONS:

- (1) Schrempf H, Dyson P, Kumar T, Groitl P and Betzler M. Biochemical and genetic analysis of spontaneous genetic instability in *Streptomyces lividans*. In: Genetics of Industrial Microorganisms. 1986

- (2) Dyson P, Kumar T, Schrempf H. Genetic instability in *Streptomyces lividans*. In: Genetics of Industrial Microorganisms. 1986
- (3) Schrempf H, Dyson P, Dittrich W, Kumar T, Betzler M, Habiger C, Bronneke V, Kessler A and Duvel H. Genetic instability in *Streptomyces*. In: Biology of Actinomycetes. 1988
- (4) Mandla S, Goobie S, Kumar R.T., Hayne O, Zayed E, Guernsey D.L., Greer W. Genetic analysis of familial myelodysplastic syndrome: Absence of linkage to chromosomes 5q31 and 7q22. Cancer Genetics and Cytogenetics 105:113-118. 1998
- (5) Kumar R.T. The Hospitalist Experience in Windsor, ON. Paper published for seminar held at The Hospitalist Movement in Canada Medical Services, Toronto, ON. Dec. 1999
- (6) Kumar T, Greer W, Mandla S. Familial myelodysplastic syndrome with early age of onset. American Journal of Hematology 64:53-58. 2000

POSTERS:

- (1) Kumar T. DNA amplification and rearrangement associated with tetracycline-sensitive variants of *S. lividans*. Presented at the 5th International Symposium on the Genetics of Industrial Microorganisms, Split, Yugoslavia, 1986 (poster).
- (2) Kovacs MJ, MacKinnon K, Keeney M, Kumar T, Boyle E, Cruickshank M. Assessment of APC resistance in patients with cancer who develop DVT. Presented at XVth Congress of the International Society of Thrombosis and Haemostasis, Jerusalem, Israel, June 11-16, 1995 (poster).

- (3) Mandla S, Greer W and Kumar T. Genetic analysis of familial myelodysplastic syndrome: Absence of linkage to chromosome 5q31. Submitted to American Society of Hematology Annual Meeting, Seattle, Washington, U.S.A., December 1-5, 1995 (poster).

ABSTRACTS:

- Vincent M, Kocha W, Kumar T, Ballingall D, Tomiak A, Malpage A, Stitt L. Neupogen supported chemotherapy (CT) in relapsed small cell lung cancer (R-SCLC). Lung Cancer: Strategies for the 21st Century, Toronto, Canada, September 29-30, 1995.
- Kumar T, Greer W and Mandla S. Familial myelodysplastic syndrome in three generations with onset before age 55. American Society of Hematology Annual Meeting, Seattle, Washington, U.S.A., December 1-5, 1995. Published in Blood: 86 (10). Supplement to November 15, 1995 issue.
- Kovacs MJ, MacKinnon K, Keeney M, Wong L, Kumar T, Morrow B and Cruickshank M. Assessment of APC resistance in patients with cancer patients who develop DVT – An update. American Society of Hematology Annual Meeting, Seattle Washington, U.S.A., December 1-5, 1995. Published in Blood: 86 (10). Supplement to November 15, 1995 issue.
- Mandla S, Greer W and Kumar T. Genetic analysis of familial myelodysplastic syndrome: Absence of linkage to chromosome 5q31. American Society of Hematology Annual Meeting, Seattle, Washington, U.S.A., December 1-5, 1995. Published in Blood: 86 (10). Supplement to November 15, 1995 issue.

(SEE ATTACHED extended citing of my research, publication in books and use in reviews)

1. **Genetic analysis of *familial myelodysplastic syndrome*: absence of ...**

www.ncbi.nlm.nih.gov/pubmed/9723026

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by SG Mandla - 1998 - [Cited by 10](#) - [Related articles](#)

Genetic analysis of *familial myelodysplastic syndrome*: absence of linkage to chromosomes 5q31 and 7q22. Mandla SG, Goobie S, **Kumar RT**, Hayne O, Zayed ...

2. [PDF]

Familial myelodysplasia and acute myeloid leukaemia – a review

www.medicine.wisc.edu/~williams/familial_mds_2008.pdf

You +1'd this publicly. [Undo](#)

File Format: PDF/Adobe Acrobat - [Quick View](#)

by C Owen - 2008 - [Cited by 67](#) - [Related articles](#)

Summary. *Familial* occurrence of *myelodysplasia* (MDS) and/or acute ... *Myelodysplastic syndromes* (MDS) and acute myeloid leukaemia (AML) present Mandla, S.G., Goobie, S., **Kumar, R.T.**, Hayne, O., Zayed, E., Guernsey, D.L. & Greer ...

1. ***The Myelodysplastic Syndromes: Pathobiology and Clinical Management* - Page 23 - Google Books Result**

books.google.ca/books?isbn=0824707826

[John M. Bennett - 2002 - Medical](#)

Kumar T, Mandla SG, Greer WL. *Familial myelodysplastic syndrome* with early age of onset. *Am J Hematol* 2000; 64:53–58. 42. Mandla SG, Goobie S, **Kumar RT** ...

1. **9723026 - Europe PubMed Central**

ukpmc.ac.uk/abstract/MED/9723026

You +1'd this publicly. [Undo](#)

by SG Mandla - 1998 - [Cited by 10](#) - [Related articles](#)

Genetic analysis of *familial myelodysplastic syndrome*: absence of linkage to chromosomes 5q31 and 7q22. ... **Kumar RT**, ... Myelodysplastic syndrome (MDS) is a hematological disorder that occurs primarily in the elderly as an acquired, ...

1. [Differentially expressed genes in adult *familial myelodysplastic ...*](#)

www.readcube.com/articles/10.1038/sj.leu.2403265

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The precise genetic events leading to *myelodysplastic syndromes* (MDSs) and ...
Mandla SG, Goobie S, **Kumar RT**, Hayne O, Zayed E, Guernsey DL et al.

1. [Zayed E\[au\] - PubMed Result](#)

171.66.121.249/external-ref?access_num=Zayed%20E&link...

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14: Mandla SG, Goobie S, **Kumar RT**, Hayne O, Zayed E, Guernsey DL, Greer WL. Genetic analysis of *familial myelodysplastic syndrome*: absence of linkage to ...

1. [MANDLA S\[au\] - PubMed Result](#)

endo.endojournals.org/external-ref?access_num...link_type...

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Familial myelodysplastic syndrome with early age of onset. Am J Hematol. 2000 May;64(1):53-8. PubMed PMID: 10815788. 2: Mandla SG, Goobie S, **Kumar RT**, ...

1. [Genetic analysis of *familial myelodysplastic syndrome*: absence of ...](#)

lib.bioinfo.pl/paper:9723026[Cached](#)

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10+ items – *Familial myelodysplastic syndrome* with early age of onset.

Am J Hematol. 2000 Aug ;64 (4):306-10 10911385

Am J Hematol. 2000 May ;64 (1):53-8 10815788 Cit

I Sadek

Familial ...

E Zayed

T Kumar

1. [Full Text - Blood - Hematologylibrary.org](#)

bloodjournal.hematologylibrary.org/content/95/6/2138.full

You +1'd this publicly. [Undo](#)

by PD Castro - 2000 - [Cited by 43](#) - [Related articles](#)

Mandla SG,; Goobie S,; **Kumar RT**,; et al . Genetic analysis of *familial myelodysplastic syndrome*: absence of linkage to chromosomes 5q31 and 7q22. Cancer ...

1. [MD Consult: Young: Clinical Hematology](#)

www.mdconsult.com/books/page.do?eid=4-u1...

You +1'd this publicly. [Undo](#)

Kumar T, Mandla SG, Greer WL: *Familial myelodysplastic syndrome* with early age of onset. Am J Hematol 2000; 64:53-58. 20. Mandla SG, Goobie S, **Kumar RT**,

1. **Greer, WL - Catalogo Articoli**

serials.unibo.it/cgi-ser/start/it/spogli/ds-s.tcl?authors...WL%22... [Cached](#)

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15+ items – ATTENZIONE: attualmente gli articoli Current Contents (fonte ...

A.L. Kim et al., "Concurrent acute lymphoblastic leukemia and juvenile pilocytic ...

T. Kumar et al., "*Familial myelodysplastic syndrome* with early age of onset ...

1. ***Familial myelodysplasia and acute myeloid leukaemia – a review ...***

<https://onlinelibrary.wiley.com/doi/10.1111/j.1365...x/references>

You +1'd this publicly. [Undo](#)

Dec 14, 2007 – Anderson, R.C. (1951) Familial leukemia; a report of leukemia in five siblings, ... P15INK4B is not mutated in adult *familial myelodysplastic syndromes*. Mandla, S.G., Goobie, S., **Kumar, R.T.**, Hayne, O., Zayed, E., Guernsey, ...

1. **Wenda Greer - research profile on BiomedExperts**

www.biomedexperts.com/Profile.bme/493079/Wenda_Greer [Cached](#)

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Familial myelodysplastic syndrome with early age of onset. ... 1998: S G Mandla; S Goobie; **R T Kumar**; Ormille Hayne; Ekram Zayed; Duane L Guernsey; Wenda ...

1. **Ormille Hayne - research profile on BiomedExperts**

www.biomedexperts.com/Profile.bme/544115/Ormille_Hayne [Cached](#)

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1998: S G Mandla; S Goobie; **R T Kumar**; Ormille Hayne; Ekram Zayed; Duane L ... Genetic analysis of *familial myelodysplastic syndrome*: absence of linkage to ...

2. [PDF]

The *myelodysplastic syndrome*(s): a perspective and review ...

www.avpivnik.ru/works/leukozy/leukozy_pdf_0150.pdf

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File Format: PDF/Adobe Acrobat - [Quick View](#)

by DP Steensma - 2003 - [Cited by 138](#) - [Related articles](#)

Leuk Res. 2001;25:S13. [188] Mandla SG, Goobie S, **Kumar RT**, Hayne O, Zayed E, Guernsey. DL, et al. Genetic analysis of *familial myelodysplastic syndrome*: ...

1. EJC Search Results: keywords:"*myelodysplastic* ... - OhioLINK

journals.ohiolink.edu/.../search.cgi?...%22myelodysplastic%20syndro... [Cached](#)

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Records 1 - 30 – TG-mRNA was determined using TaqMan based, real-time RT-PCR, ... A 66-year-old patient suffered from *myelodysplastic syndrome* (MDS). A case of *myelodysplastic syndrome* with erythroid hypoplasia associated with a *familial* **Kumar, Tinni**; Mandla, Suzan G.; Greer, Wenda L. American Journal of ...

1. EJC Search Results: keywords:"*myelodysplastic* ... - OhioLINK

journals.ohiolink.edu/.../search.cgi?...%22myelodysplastic%20syndro... [Cached](#)

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Records 1 - 30 – *Myelodysplastic syndrome* with an unbalanced 1;16 translocation in a ... A case of *myelodysplastic syndrome* with erythroid hypoplasia associated with a *familial* Reverse transcriptase-polymerase chain reaction (RT-PCR) analysis **Kumar, Tinni**; Mandla, Suzan G.; Greer, Wenda L. American Journal of ...

1. Mandla, SG (S G), **Kumar, RT (R.T.)**

lib.bioinfo.pl/auid:2884678 [Cached](#)

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Familial myelodysplastic syndrome with early age of onset. Genetic analysis of *familial myelodysplastic syndrome*: absence of linkage to chromosomes 5q31

