

CURRICULUM VITAE

NAME: Neil David Theise, MD

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Beth Israel Medical Center
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DATE OF BIRTH: May 29, 1959

SOCIAL SECURITY #: Supplied as needed.

CITIZENSHIP: United States of America
Federal Republic of Germany

EDUCATION:

1977	William H. Hall Public High School West Hartford, Connecticut, USA Diploma
1981	University of Pennsylvania Philadelphia, Pennsylvania, USA Oriental Studies - BA Computer Science - BAS
1986	College of Physicians and Surgeons Columbia University New York, New York, USA MD

HOSPITAL APPOINTMENTS:

7/86-6/90	Resident, Department of Pathology Columbia-Presbyterian Medical Center New York, New York, USA
10/88-12/88	Fellow, Gastrointestinal Pathology University Hospital New York, New York, USA

1/89-6/89	Fellow, Liver Pathology Royal Free Hospital London, United Kingdom
7/90-6/91	Fellow, Liver Transplant Pathology The Mount Sinai Hospital New York, New York, USA
7/91-6/92	Clinical Assistant, Department of Pathology The Mount Sinai Hospital New York, New York, USA
7/92-6/93	Senior Clinical Assistant, Department of Pathology The Mount Sinai Hospital New York, New York, USA
7/93-6/94	Assistant Attending, Department of Pathology The Mount Sinai Hospital New York, New York, USA
7/91-7/92	Associate Director, Immunology/Flow Cytometry Laboratories The Mount Sinai Hospital New York, New York, USA
7/92-6/94	Co-Director, Immunology/Flow Cytometry Laboratories The Mount Sinai Hospital New York, New York, USA
7/94-1/03	Assistant Attending, Department of Pathology Tisch Hospital New York University Medical Center New York, New York, USA
2/03-present	Attending Dept. of Pathology and Dept. of Medicine, Division of Digestive Diseases Beth Israel Medical Center New York, New York, USA

ACADEMIC APPOINTMENTS:

7/86-6/90	Visiting Fellow, Department of Pathology
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Columbia University, College of Physicians & Surgeons, New York, New York, USA

- 1/89-6/89 Honorary Lecturer, Department of Histopathology, Royal Free Hospital and School of Medicine
London, United Kingdom
- 7/90-6/91 Associate, Department of Pathology
Mount Sinai School of Medicine
New York, New York, USA
- 7/91-6/92 Instructor, Department of Pathology
Mount Sinai School of Medicine
New York, New York, USA
- 7/92-6/94 Assistant Professor
Department of Pathology
Mount Sinai School of Medicine
New York, New York, USA
- 7/94-8/99 Assistant Professor
Department of Pathology
New York University School of Medicine
New York, New York, USA
- 7/98-6/99 Visiting Assistant Professor
Department of Pathology
Yale University School of Medicine
New Haven, Connecticut, USA
- 9/99-1/03 Associate Professor
Department of Pathology
New York University School of Medicine
New York, New York, USA
- 2/03-present Professor, Department of Pathology
Associate Professor, Department of Medicine
Albert Einstein College of Medicine
Yeshiva University
New York, New York, USA

OTHER APPOINTMENTS:

- 9/97-present Clinical Consultant in Liver Pathology,
Office of the Chief Medical Examiner,
City of New York

TEACHING EXPERIENCE:

Hepatopathology course and laboratory instructor for second year medical students at Mount Sinai Medical School (1991 to 2002) and New York University School of Medicine (1996 to 2003). Teaching hepatopathology and stem cell biology to pathology residents and gastrointestinal clinical fellows (2003-present).

Current regularly scheduled conferences include:

- Quarterly liver clinicopathologic correlation case presentations with gastroenterology fellows at Long Island College Hospital.
- Quarterly liver clinicopathologic correlation case presentations with gastroenterology fellows at St. Luke's – Roosevelt Medical Center.
- Quarterly liver clinicopathologic correlation case presentations with gastroenterology fellows at Beth Israel Medical Center, Petrie Division.
- Weekly liver pathology teaching conference and slide review for gastroenterology fellows at Beth Israel Medical Center, Petrie Division.
- Daily liver biopsy slide review and sign out with pathology residents, hepatopathology fellow, and gastroenterology fellows at Beth Israel Medical Center, Petrie Division.

CERTIFICATION:

American Board of Pathology, Certified: June 7, 1991

LICENSURE:

1990 New York State License #171759-1

HONORS:

1977-1981	Benjamin Franklin Scholar University of Pennsylvania
1985	Dean's Research Award Columbia University College of Physicians and Surgeons
1999	Moncada Award Outstanding Scientific Paper on Cross Sectional Imaging Society of Computed Body Tomography and Magnetic Resonance, New Orleans LA.
2000	Shirley Award for Contributions to Liver Disease Research Mary Lea Johnson Richards Liver Research Institute
2001	Transplantation/Surgery State of the Art Lecture American Association for the Study of Liver Disease Annual Meeting, Dallas Texas

2002 Teacher of the Year, Class of 2004
New York University School of Medicine

2003 Seventh James O. Gibson Visiting Professor of Pathology
University of Hong Kong
November 26 to December 3, 2003

2007 Outstanding Research Mentor Award
Beth Israel Medical Center Gastroenterology Fellows

GRANTS:

Innovative Seed Grant in
Clinical Research in Primary Biliary Cirrhosis
American Liver Foundation
“Isolation and in vitro growth of bipotent progenitor cells from adult human livers.”
July 1, 1998 to June 30, 2000
Principal Investigator

R01 DK58559-01A1
National Institutes of Health
“Hepatic engraftment of marrow cells in mice and humans.”
October 1, 2001 to September 30, 2005
Principal Investigator

SciArt Award for “Cell”, a science/new media collaborative project.
Wellcome Trust, United Kingdom
March 1, 2002 to February 28, 2003
Co-Principal Investigator, with Jane Prophet.

Singer-Hellman Research Grant
Beth Israel Medical Center of New York
“Medical induction of stem cell rescue from hepatic fulminant failure.”
October 1, 2003 to September 30, 2004
Principal Investigator

Singer-Hellman Research Grant
Beth Israel Medical Center of New York
“Contributions of circulating progenitor cells to tumor growth.”
October 1, 2004 to September 30, 2005
Principal Investigator

Pilot and Feasibility Study:
“Development of a murine model for detection of epithelial label retaining cells.”
Marrion Bessin Liver Research Center, Albert Einstein College of Medicine
July 1, 2006 – June 30, 2007.
Principal Investigator

PROFESSIONAL SOCIETIES:

- 1989-Present International Liver Pathology Study Group -- Founder and Member
- 1991-Present Hans Popper Hepatopathology Society
- 1992-Present American Association for the Study of Liver Disease
- 2003-Present International Society for Experimental Hematology

EDITORIAL BOARDS:

- Experimental Hematology
- Comparative Hepatology
- Stem Cell Reviews

REVIEWER FOR JOURNALS:

- Nature
- Nature Medicine
- Science
- Proceedings of the National Academy of Sciences
- Journal of Clinical Investigation
- Gastroenterology
- Hepatology
- Experimental Hematology
- Cancer
- Cancer Research
- Liver Transplantation
- Journal of Hepatology
- Liver
- Archives of Pathology and Laboratory Medicine
- Mayo Clinic Proceedings
- Gut
- Journal of Hepatology
- Laboratory Investigation
- Experimental Hematology
- Journal of Cellular Physiology
- Transplant Immunology

POST-GRADUATE TEACHING/RESEARCH PROGRAMS AND INVITED TALKS: (LIMITED TO THE PREVIOUS FIVE YEAR PERIOD):

1. "Hepatic Stem Cells", Falk Symposium No. 132: Disease progression and carcinogenesis of the gastrointestinal tract, Freiburg, Germany, October 9-11, 2002.
2. "Cell plasticity and stochasticity", Institute for Medical Informatics, Statistics and Epidemiology, University of Leipzig, October 14, 2002.
3. "Problems and updates in diagnostic liver pathology", Medical Examiners' Grand Rounds, Office of the Chief Medical Examiner, New York NY, October 24, 2002.

4. "Liver Stem Cells: Prospects for Treatment of Inherited and Acquired Liver Diseases", Post-graduate course, American Association for the Study of Liver Disease, 2002 Annual Meeting, Boston, MA, November 6, 2002.
5. Chair, Consensus Panel on Ductular Reactions in Human Livers, Summary meeting, sponsored by Hans Popper Hepatopathology Society, Boston, MA, November 7, 2002.
6. "Principles of Cell Plasticity", Departmental Seminar, Department of Developmental and Molecular Biology, Albert Einstein College of Medicine, Bronx, NY, December 10, 2002.
7. "Stem cells of the lung", Grand Rounds, Department of Pulmonary Medicine, New York University School of Medicine, New York NY, December 11, 2002.
8. "Stem Cell Plasticity: Prometheus Unbound", Grand Rounds, Dept. of Pathology, Cornell-Weill Medical Center, New York NY, January 15, 2003.
9. "Stem Cell Prospects for Treatment of Liver Diseases", Dept. of Medicine, Division of Hepatology, University of Miami, Miami FL, March 19-22, 2003.
10. "Ductular Reactions in Humans: The New Nomenclature", A report from the consensus panel for the Hans Popper Hepatopathology Society, United States and Canadian Academy of Pathology Annual Meeting, Washington DC, March 23, 2003.
11. "Specificity of hepatocellular markers in plasticity experiments" and wet-lab workshop leader, for "Challenges in the Era of Stem Cell Plasticity: Study, interpretation and significance; clinical prospects; ethical issues", Roger Williams Medical Center, Providence RI, April 8-11, 2003.
12. "Multiorgan Stem Cell Plasticity: Prometheus Unbound", Dept. of Pathobiology, Univ. of Connecticut, Storrs CT, April 24, 2003.
13. "Hepatic Stem Cells: The Blood of Prometheus", Annual Combined Meeting of the Royal College of Medicine/South England Medical Society, Sussex, England, May 1, 2003.
14. "Conversations about Stem Cells and Art", with Jane Prophet, University of Westminster, London, England, May 8, 2003.
15. "Cirrhosis: Stem cell perspectives", Digestive Disease Week, American Gastroenterology Association, Orlando Florida, May 19, 2003.
16. "Updates in Hepatic Stem Cells", Japan Hepatology Society Meeting, Fukuoka Japan, May 23, 2003.
17. "New Principles of Cell Plasticity", American Society of Clinical Oncology, Annual Meeting, Chicago IL, June 1-3, 2003.

18. "Hepatic Stem Cells from Bone Marrow", European Association for the Study of the Liver, Geneva, Switzerland, July 1-7, 2003.
19. Presenter/participant: Carbon versus Silicon: Thinking Small/ Thinking Fast. Banff New Media Institute, Banff, Alberta, Canada, August 7-10, 2003.
20. "New Principles of Cell Plasticity", European Congress on Biotechnology, Basel Switzerland, August 24-28, 2003.
21. "Updates in Liver Disease", International Liver Pathology Study Group, Melbourne Australia, September 4, 2003
22. "Stem Cells: Perspectives in the Treatment of Liver Disease", 5th International Meeting on Therapy in Liver Diseases, Barcelona Spain, September 24-26, 2003.
23. "Hepatocytes from Extrahepatic Stem Cells" Falk Symposium No. 138: State-of-the-Art of Hepatology: Molecular and Cell Biology, Freiburg, Germany, October 20-21, 2003.
24. "Hepatocarcinogenesis in Humans", 10th Anniversary Scientific Program of Hong Kong Academy of Medicine, Hong Kong PRC, November 28-30, 2003.
25. "Updates in adult stem cell plasticity", Berlin Academy of Sciences. Panel for stem cell therapies. Berlin Germany, February 12-14, 2004.
26. " 'Controversies' in adult stem cell plasticity", Univ. of Wittenburg School of Medicine, Halle Germany, February 16, 2004.
27. " 'Controversies' in adult stem cell plasticity", Proyecto de Terapia Génica de la Hematopoyesis, CIEMAT, Madrid Spain, February 18, 2004.
28. "Adult stem cell plasticity: 'Controversies' and updates", Primate Center, Tulane University, New Orleans LA, March 12, 2004.
29. "Therapeutic prospects of stem cells for pediatric gastrointestinal and liver disease", World Congress of Pediatric Gastroenterology, Paris, France, July 5, 2004.
30. "Techniques for investigation of cell plasticity in tissues", International Society for Experimental Hematology, International meeting, New Orleans LA, July 17, 2004.
31. "Advances and controversies in liver transplantation: Stem cells", International Academy of Pathology, Bi-annual meeting, Brisbane Australia, October 14, 2004.
32. "Ductular reactions" in Hepatopathology Short Course, International Academy of Pathology, Bi-annual meeting, Brisbane Australia, October 14, 2004.
33. "Current topics in adult stem cell plasticity." Annual grand rounds, New York College of Osteopathic Medicine, New York, October 27, 2004.

34. "Liver stem cells." Early morning breakfast workshop. American Association for the Study of Liver Diseases, Annual meeting, Boston MA, November 2004.
35. "Liver pathology short course", United States and Canadian Academy of Pathology, San Antonio TX, USA, March 2005 (five year tenure).
36. "Adult Stem Cells: Plasticity, Trafficking and Therapeutic Placement." International Society for Magnetic Resonance in Medicine Annual Meeting, Miami FL, May 11, 2005.
37. "Cell Lineages as Complex Adaptive Systems: Hierarchies and the Nature of Body." Stem Cell Math Lab '05 - 2nd International Workshop on Concepts and Mathematical Models of Tissue Stem Cell Organization, Leipzig, Germany, May 27, 2005.
38. "Updates in adult stem cell plasticity." Research conference, Dept of Gastroenterology, Brown University, Providence RI, October 19, 2005.
39. "Emergent themes in stem cell biology: Plasticity and complexity." Grand Rounds, Dept of Gastroenterology, Brown University, Providence RI, October 20, 2005.
40. "Liver stem cells." Early morning breakfast workshop. American Association for the Study of Liver Diseases, Annual meeting, Boston MA, November 2005.
41. "Human hepatocarcinogenesis and design of chemoprevention clinical trials." Grand Rounds, Dept of Hematology and Oncology, University of New Mexico, Albuquerque NM, December 5, 2005.
42. "Plasticity, complexity, uncertainty: Exploring stem cells, bodies, and life." Finding Fluid Form Symposium, University of Brighton, Brighton UK, December 10, 2005.
43. "Updates in chronic hepatitis grading and staging." Liver-Pancreas Long Course, United States and Canadian Academy of Pathology annual meeting, Atlanta GA, February 15, 2006.
44. "Liver pathology short course", United States and Canadian Academy of Pathology, Atlanta GA, February 17, 2006.
45. "Emergent themes in liver stem cells: niche, quiescence, self-renewal, and plasticity", Grand Rounds, Dept. of Pathology, University of Chicago, Chicago IL, February 28, 2006.
46. "Post-modern biology for the pathologist." Department of Pathology Research Seminar, Albert Einstein College of Medicine, NY NY, June 13, 2006.
47. "Cell based therapies for the treatment of alcoholic liver disease." 29th Annual Scientific Meeting of the Research Society on Alcoholism, Baltimore MD, June 25, 2007.
48. "Agent based systems biology applications to the study of hepatic stem/progenitor cells", Systems Biology of Mammalian Cells, annual meeting, Heidelberg Germany, July 14, 2006.

49. "Complexity theory and alternate models of the body: relevance for integrative medicine." Conference on "Longevity and optimal health: Integrating Eastern and Western Perspectives", Columbia Integrative Medicine Program, New York NY September 19, 2006.
50. "Emergent themes in liver stem cells: niche, quiescence, self-renewal, and plasticity", Grand Rounds, Dept. of Gastroenterology, University of Illinois, Chicago IL, January 30, 2007.
51. "Emergent themes in liver stem cells: niche, quiescence, self-renewal, and plasticity", Dept. of Pathology, University of Groningen, Netherlands, February 12, 2007.
52. "Liver pathology short course", United States and Canadian Academy of Pathology, San Diego, CA, March 28, 2007.
53. Various talks on: liver stem/progenitor cells, grading and staging of chronic hepatitis, liver transplant pathology, human hepatocarcinogenesis, diagnosis of human hepatic neoplasia. Asian Academy of Pathology Annual Meeting, Scholar in Residence, Singapore, May 2007.
54. "Microscopes and mystics: Explorations into the nature of body and being through stem cell research and complexity", Dept of Surgery, National University of Singapore, May 28, 2007.
55. "Microscopes and mystics: Explorations into the nature of body and being through stem cell research and complexity", Tibet House, New York NY, June 27, 2007.
56. "From histology to post-modern biology: stem cells lead the way", Grand Rounds, Dept. of Medicine, Dartmouth University School of Medicine, Hanover NH, June 28, 2007.
57. "Stem cell plasticity", University of North Carolina School of Medicine, September 10, 2007.
58. "Stem cells, plasticity, and cancer" Grand Rounds, Dept. of Medicine, Division of Digestive Diseases, Beth Israel Medical Center, New York NY, September 12, 2007.
59. "Microscopes and mystics" for "Seeing Kalachakra/Being Kalachakra", co-sponsors: The Cornell Store, Johnson Museum, and Namgyal Monastery Institute of Buddhist Studies. Ithaca NY, September 18, 2007.
60. "Yogic Longevity And Regeneration", with William Bushell, Tibet House, New York NY, September 27, 2007.
61. Liver/Intestine/Kidney Grand Rounds, Mount Sinai School of Medicine, New York NY, October 10, 2007.
62. "Liver stem cells." Early morning breakfast workshop. American Association for the Study of Liver Diseases, Annual meeting, Boston MA, November 2007.
63. Liver Disease Research Seminar, Mount Sinai School of Medicine, New York NY, December 19, 2007.

PAPERS IN PEER-REVIEWED JOURNALS:

1. D'Agati VD, **Theise ND**, Pirani CL, Knowles DM, Appel GB. Interstitial nephritis related to nonsteroidal anti-inflammatory agents and beta-lactam antibiotics: a comparative study of the interstitial infiltrates using monoclonal antibodies. *Modern Pathol* 1989; 2:390-6.
2. **Theise ND**, Cohen MB. Classics in Cytology III: On the puncture of the liver with diagnostic purpose. *Acta Cytol* 1989; 33:934-5.
3. **Theise ND**, Scheuer PJ, Grundy JE. Cytomegalovirus and autoimmune liver disease. *J Clin Pathol* 1989; 42:1310-1. [Letter].
4. **Theise ND**, Ursell PC. Pulmonary hypertension and Gaucher's disease: Logical association or mere coincidence? *Am J Pediatr Hematol Oncol* 1990; 12:74-6.
5. **Theise, ND**. Book review: Liver Biopsy Interpretation by Peter J. Scheuer. *Surg Pathol* 1991; 4:191-2.
6. Kahn H, Manzarbeitia C, **Theise ND**, Schwartz M, Miller C, Thung SN. Danazol-induced hepatocellular adenomata: A case report and review of the literature. *Arch Pathol Lab Med* 1991; 115:1054-7.
7. **Theise ND**, Rotterdam H, Dieterich DT. CMV esophagitis in AIDS: Diagnosis by endoscopic biopsy. *Am J Gastroenterol* 1991; 86: 1123-6.
8. **Theise ND**, Haber MM, Grimes M. Detection of cytomegalovirus in lung allografts: Comparison of histology and immunochemistry. *Am J Clin Pathol* 1991; 96:762-6.
9. Bach N, **Theise ND**, Schaffner F. The histopathology of the liver in AIDS. *Semin Liv Dis* 1992; 12:205-12.
10. **Theise ND**, Birks EJ, Grundy JE, Scheuer PJ. Detection of cytomegalovirus in liver allografts in the early post-transplant period: A study and review of the literature. *Eur J Gastro Hepatol* 1992; 4:727-32.
11. **Theise ND**, Schwartz M, Miller C, Thung SN. Macroregenerative nodules and hepatocellular carcinoma in forty-four sequential adult liver explants with cirrhosis. *Hepatology* 1992;16:949-55.
12. **Theise ND**, Conn M, Thung SN. Localization of CMV antigens in liver allografts over time. *Human Pathol* 1993; 24:103-8.
13. **Theise ND**, Miller F, Worman HJ, Morris P, Schwartz M, Miller C, Thung SN. Biliary cystadenocarcinoma arising in a liver with fibropolycystic disease. *Arch Pathol Lab Med* 1993; 117:163-4.

14. Katz E, Mor E, Trupti P, Schwartz ME, **Theise ND**, Miller CM. Association between preservation injury and early rejection in clinical liver transplantation -- fact or myth? *Trans Proc* 1993;25:1907-8.
15. Van Ness K, **Theise ND**, Schwartz ME, Miller CM. Parasympathetic tone alterations during rat hepatectomy: A cause of preservation/harvest injury? *Trans Proc* 1993;25:1938-9.
16. Vivot C, Van Ness K, Schwartz ME, **Theise ND**, Miller CM. N-Acetyl-cysteine attenuates cold ischemia/reperfusion injury in the isolated perfused rat liver. *Trans Proc* 1993;25:1983-4.
17. Orsatti G, **Theise ND**, Thung SN, Paronetto F. DNA image cytometric analysis of macroregenerative nodules (adenomatous hyperplasia) of the liver: Evidence in support of their pre-neoplastic nature. *Hepatology* 1993;17:621-7.
18. Thung SN, Shim KS, Shieh YSC, Schwartz M, **Theise N**, Borcich A, Miller C, Gerber MA. Hepatitis C in liver allografts. *Arch Pathol Lab Med* 1993; 117:145-9.
19. Hytioglou P, Choi SW, **Theise ND**, Chaudhary N, Worman HJ, Thung SN. Nuclear lamin expression in human liver: An immunohistochemical study. *Human Pathol* 1993;24:169-72.
20. **Theise ND**, LaPook J, Thung SN. A macroregenerative nodule containing multiple foci of hepatocellular carcinoma in a non-cirrhotic liver. *Hepatology* 1993;17:993-6.
21. Hytioglou P, Choi SW, Geller SA, Kim SM, Chung KW, Park DH, **Theise ND**, Thung SN. p53 antigen expression in primary malignant epithelial tumors of the liver. *Liver* 1993;13:172-6.
22. Hytioglou P, Dolgin S, Fyfe B, **Theise ND**, Toor AH, Thung SN. Observations on the vessels of a case of focal nodular hyperplasia of the liver in an infant. *Pediatr Pathol* 1993;13:537-40. [Letter].
23. Hytioglou P, Lee R, Sharma K, **Theise N**, Schwartz M, Miller C, Thung SN. FK 506 versus cyclosporin A as primary immunosuppressive agent for orthotopic liver allograft recipients: Histologic and immunologic observations. *Transplantation* 1993;56:1389-94.
24. Hoon V, Fasy TM, **Theise N**, Kheiri S, Lin CS, Klion F, Schwartz M, Miller C, Thung SN. Fatal lymphoproliferative disease occurring seven weeks after liver transplantation. A case report. *Mt Sinai J Medicine* 1994;61:72-6.
25. Squitieri R, Tartter PI, Ahmed S, Brower ST, **Theise ND**. Breast cancers in postmenopausal users and nonuser controls. *J Am Col Surgeons* 1994;178:167-70.
26. **Theise ND**, Hytioglou P, Thung SN. Macroregenerative nodules and hepatocarcinogenesis: A review. *Il Friuli Medico, Alpe Adria Medical Journal* 1994;49:637-50.

27. Katz E, Mor E, Schwartz ME, **Theise N**, Patel T, Miller CM. Preservation injury in clinical liver transplantation: Incidence and effect on rejection and survival. *Clinical Transplantation* 1994; 8:492-6.
28. Emre S, Schwartz ME, Mor E, Kishikawa K, Yagmur O, **Theise ND**, Sheiner P, Jindal RM, Chiodini S, Miller CM. Obviation of prereperfusion rinsing and decrease in preservation/reperfusion injury in liver transplantation by portal blood flushing. *Transplantation* 1994;57:799-803.
29. **Theise ND**. Distinguishing primary and metastatic carcinomas of the liver: immunohistochemical updates and reminders. *Hepatology* 1994;19:1313-5.
30. **Theise ND**, Fiel IM, Hytioglou P, Ferrell L, Schwartz M, Miller C, Thung SN. Macroregenerative nodules in cirrhosis are not associated with elevated serum or stainable tissue alpha-fetoprotein. *Liver* 1995;15:30-4.
31. Hytioglou P, **Theise ND**, Schwartz M, Mor E, Miller C, Thung SN. Macroregenerative nodules in a series of adult cirrhotic liver explants: Issues of classification and nomenclature. *Hepatology* 1995;21:703-8.
32. Sheiner PA, Schwartz ME, Mor E, Schluger LK, **Theise N**, Kishikawa K, Kolesnikov V, Bodenheimer H, Emre S, Miller CM. Severe or multiple rejection episodes are associated with early recurrence of hepatitis C after orthotopic liver transplantation. *Hepatology* 1995;21:30-4.
33. Wanless I, Callea R, Craig JR, Crawford J, Desmet V, Farber E, Ferrell L, Finegold, Geller SA, Gerber M, Ishak K, Kojiro M, Lefkowitz JH, Ludwig J, MacSween RN, Nakanuma Y, Okuda K, Portmann B, Scheuer PJ, **Theise ND**, Thung SN. Terminology of nodular lesions of the liver: Recommendations of the World Congress of Gastroenterology Working Group. *Hepatology* 1995;22:983-93.
34. **Theise ND**. Macroregenerative (dysplastic) nodules and hepatocarcinogenesis: Clinical and theoretical considerations. (invited review) *Semin Liv Dis* 1995; 15:360-371.
35. Hytioglou P, Dash S, Haruna Y, Fernandez M, **Theise ND**, Schwartz M, Miller C, Bodenheimer Jr. HC, Thung SN, Gerber MA. Detection of hepatitis B and hepatitis C viral sequences in fulminant hepatic failure of unknown etiology. *Am J Clin Path* 1995;104:588-93.
36. Unger PD, Hoon V, Stone N, Liu Z, **Theise N**, Stock R, Gil J. Computerized interactive morphometry in the differential diagnosis of irradiated prostates. *Analytical & Quantitative Cytology & Histology*. 1995;17(2):100-8.
37. **Theise ND**, Marcelin K, Goldfischer M, Hytioglou P, Ferrell L, Thung SN. Low proliferative activity in macroregenerative nodules: Evidence for an alternate hypothesis concerning human hepatocarcinogenesis. *Liver* 1996;16:133-139.
38. Earls JP, **Theise ND**, Weinreb JC, DeCorato DR, Krinsky GA, Rofsky NM, Mizrahi H, Teperman LW. Dysplastic nodules and hepatocellular carcinoma: high resolution MRI of explanted cirrhotic livers with pathologic correlation. *Radiology* 1996;201: 207-14.

39. Brandwein M, Huvos AG, Dardick I, Thomas MJ, **Theise ND**: Low grade malignant mixed tumors of major salivary glands: A study of twelve patients with tumor ploidy results. *Oral Med Oral Surg Oral Pathol* 1996;81:655-64.
40. **Theise ND**. Cirrhosis and hepatocellular neoplasia: More like cousins than like parent and child (editorial). *Gastroenterology* 1996;111:526-8 .
41. Natarajan S, **Theise ND**, Thung SN, Antonio L, Paronetto F, Hytioglou P. Liver cell dysplasia of large cell type may represent a reactive change in prolonged cytoplasmic cholestasis. *Am J Surg Path* 1997;21:312-8.
42. Saito K, Sullivan D, Haruna Y, **Theise ND**, Thung SN, Gerber MA. Detection of hepatitis C virus RNA sequences in hepatocellular carcinoma and its precursors by microdissection PCR. *Arch Pathol Lab Med* 1997;121:400-3.
43. Park YN, Yang C-P, Cubukcu O, Thung SN, **Theise ND**. Hepatic stellate cell activation in dysplastic nodules: Evidence for an alternate hypothesis concerning human hepatocarcinogenesis. *Liver* 1997;17:271-4.
44. Park YN, Yang C-P, Fernandez GJ, Cubukcu O, Thung SN, **Theise ND**. Neoangiogenesis and sinusoidal "capillarization" in dysplastic nodules of the liver. *Am J Surg Path* 1998;22:656-662.
45. Brody RI, Eng S, Melamed J, Mizrachi H, Schneider RJ, Tobias H, Teperman L, **Theise ND**. Immunohistochemical detection of hepatitis c antigen by monoclonal antibody tordji-22 compared with PCR viral detection. *Am J Clin Path* 1998;110:32-7.
46. Hytioglou P, **Theise ND**. The differential diagnosis of liver nodules (invited review). *Sem Diag Pathol* 1998;15:285-99.
47. Krinsky G, **Theise ND**, Rofsky N, Mizrachi H, Teperman L, Weinreb J. Dysplastic nodules: arterial phase enhancement at CT and MR imaging with whole explant pathologic correlation – a case report. *Radiology* 1998; 209:461-4.
48. Fasano M, **Theise ND**, Nalesnik M, Goswami S, Garcia de Davila MT, Finegold MJ, Greco MA. Immunohistochemical evaluation of hepatoblastomas using the hepatocyte specific marker hepatocyte paraffin 1 (Hep Par 1) and polyclonal anticarcinoembryonic antigen (pCEA). *Modern Pathology* 1998; 11:934-8.
49. Saxena R, **Theise ND**, Crawford JM. Microanatomy of the human liver -- exploring the hidden interfaces. *Hepatology* 1999; 30:1339-46.
50. **Theise ND**, Saxena R, Portmann BP, Thung SN, Yee H, Chiriboga L, Kumar A, Crawford JM. The canals of hering and hepatic stem cells in humans. *Hepatology* 1999; 30:1425-33 (featured on cover).

51. **Theise ND**, Badve S, Saxena R, Henegariu O, Sell S, Crawford JM, Krause DS. Derivation of Hepatocytes From Bone Marrow Cells in Mice After Radiation-Induced Myeloablation. *Hepatology* 2000; 31: 235-240 (featured on cover).
52. Krinsky G, Lee VS, **Theise N**. Focal lesions in the cirrhotic liver-high resolution ex-vivo MR imaging with pathologic correlation Imaging. *J Comput Assist Tomogr* 2000;24:189-196.
53. **Theise ND**, Park YN, Thung SN. "Vascular profiles" of regenerative and dysplastic nodules. *Hepatology*. 2000; 31: 1380-1.
54. **Theise ND**, Nimmakayalu M, Gardner R, Illei P, Morgan G, Teperman L, Henegariu O, Krause DS. Liver from bone marrow in humans. *Hepatology* 2000; 32: 11-16. (Featured on cover; Selected as "most important contribution to Hepatology" in prior five year period by Editor in Chief E. Montgomery Bissell).
55. Krinsky GA, Nguyen MT, Lee VS, Rosen RJ, Goldenberg A, **Theise ND**, Morgan G, Rofsky NM. Dysplastic Nodules and Hepatocellular Carcinoma: Sensitivity of Digital Subtraction Hepatic Arteriography with Whole Liver Explant Correlation. *J Comput Assist Tomogr* 2000; 24: 628-634.
56. **Theise ND**, Krause DS, Mehal W, Illei PB. Liver stem cells from bone marrow. *Hepatology* 2000; 32: 1180 (letter).
57. Park YN, **Theise ND**. Dysplastic nodules and hepatocarcinogenesis in cirrhotic explants – Theoretical and clinical considerations. *Kan Tan Sui* 2000; 11: 12-23 [Invited review].
58. Krinsky GA, Lee VS, Nguyen MT, **Theise ND**, Boppana S, Rofsky M, Teperman L, Weinreb J. Siderotic nodules at MR Imaging: Regenerative or dysplastic? *J Comput Assist Tomogr* 2000; 24: 773-6.
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ABSTRACTS (previous 3 years)

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