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| BIOGRAPHICAL SKETCH Provide the following information for the Senior/key personnel and other significant contributors in the order listed on Form Page 2. Follow this format for each person.  **DO NOT EXCEED FOUR PAGES.** | | | | |
|  | | | | |
| NAME  John C. Hobbins, MD | | POSITION TITLE  Professor of Obstetrics and Gynecology | | |
| eRA COMMONS USER NAME (credential, e.g., agency login)  Hobbins.J | |
| EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)* | | | | |
| INSTITUTION AND LOCATION | DEGREE  *(if applicable)* | | MM/YY | FIELD OF STUDY |
| Hamilton College, Clinton, NY  New York Medical College, New York, NY | BS  MD | | 1958  1963 | Biology  Medicine |
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1. Personal Statement

For more than 30 years in academic medicine, I have been involved in clinical research that has spawned 443 papers in peer-reviewed journals. At Yale I was involved as a principal investigator and co-investigator in NICHD MFMU Network projects, and here at the University of Colorado I initially was the point person for our contribution to the First and Second Trimester Evaluation for Risk of aneuploidy (FaSTER) trial. In this endeavor, I have been able to mentor Lorraine Dugoff, whose work involving spinoff FaSTER data on the association between first and second trimester biochemistry and adverse pregnancy outcome has gained recent attention. In addition, I also participated as a consultant in the development of the NIH-supported RADIUS study. I am excited at the prospect of participating as a member of the March of Dime Center for the Prevention of Preterm Birth.

1. Position and Honors

Positions and Employment

1963-1964 Internship, Rotating, Greenwich Hospital, Greenwich, CT

1964-1967 Assistant Resident, Obstetrics and Gynecology, Yale-New Haven Medical Center, New Haven,

CT

1967-1968 Resident and Instructor, Obstetrics and Gynecology, Yale-New Haven Medical Center, New

Haven, CT

1968-1970 Staff Physician and Chief of Obstetrics and Gynecology, Base Hospital, Otis AFB, Hyannis, MA

1970-1971 Instructor, Obstetrics and Gynecology, Yale University School of Medicine, New Haven, CT

1971-1976 Assistant Professor, Obstetrics and Gynecology and Diagnostic Radiology, Yale University

School of Medicine, New Haven, CT

1976-1980 Associate Professor, Obstetrics and Gynecology and Diagnostic Radiology, Yale University

School of Medicine, New Haven, CT  
1976-1991 Director of Obstetrics, Yale-New Haven Hospital, New Haven, CT

1980-1991 Professor, Obstetrics and Gynecology and Diagnostic Radiology, Yale University School of

Medicine, New Haven, CT and Assistant Chairman, Department of Obstetrics and Gynecology,

Yale University School of Medicine, New Haven, CT

1982-1983 Acting Chairman, Department of Obstetrics and Gynecology, Yale University School of

Medicine, New Haven, CT

1991-1992 Visiting Professor, Department of Obstetrics and Gynecology, University of Colorado Denver School of Medicine, Aurora, CO

1992-2004 Professor, Chief of Obstetrics, Director of Prenatal Diagnosis and Genetics Center, University

of Colorado Denver School of Medicine, Aurora, CO

1992-present Professor, Obstetrics and Gynecology, University of Colorado Denver School of Medicine,

Aurora, CO

1992-2003 Practice Director, Prenatal Diagnosis and Genetics Program, University of Colorado Denver,

School of Medicine, Aurora, CO

1993-2000 Director, Maternal-Fetal Medicine Fellowship Program, University of Colorado Denver School of

Medicine, Aurora, CO

2003-present Practice Director, Platte River Perinatal Center, University of Colorado Denver School of

Medicine, Aurora, CO

Other Experience and Professional Memberships

1991-92 President, American Institute of Ultrasound in Medicine

Fellow, American Board of Obstetricians and Gynecologists

Fellow, American College of Obstetricians and Gynecologists

Member, American Gynecological and Obstetrical Society

Member, American Institute of Ultrasound in Medicine

Member, International Society of Ultrasound in Obstetrics and Gynecology

Member, Society for Gynecological Investigation

Member, Society for Maternal-Fetal Medicine

Honors

1980 Honorary Master’s Degree, Yale University

Honorary Member, Societa Italiana di Ecografia Obstetrico-Ginecologica

1988 Joseph H. Holmes Clinical Pioneer Award for contribution to development of ultrasound,

American Institute of Ultrasound in Medicine

1989 DeLee humanitarian Award from the University of Chicago, Department of Obstetrics and

Gynecology

1991 Medal of Honor, Most Distinguished Alumnae, New York Medical College

1992 Honorary Member, The Chicago Gynecological Society

1994 Ian Donald Gold Medal Award from the International Society of Ultrasound in Obstetrics

and Gynecology for contributions to obstetrical ultrasound – fourth award to be given by this

organization and first time it was awarded to an American

1995 Stuart Gottesfeld Teaching Award, Department of Obstetrics and Gynecology, University of

Colorado School of Medicine

1995 William J. Fry Memorial Lecture Award from the American Institute of Ultrasound in Medicine

for significant contributions to the scientific progress of medical diagnostic ultrasound

1995 Honorary Member, Brazilian Ultrasound Society

1996 Eastman Professorship, Johns Hopkins University

2002 Honorary Fellow Award from the International Society of Ultrasound in Obstetrics and

Gynecology for outstanding contributions to the Society and to the field of ultrasound in

obstetrics and gynecology

2000, 2001

2003, 2004 5280 Magazine Top Doctors, Denver, Colorado

1. Selected Peer-reviewed Publications (from 443 publications)
2. Romero R, Sirtori M, Oyarzun E, Avila C, Mazor M, Callahan R, Sabo V, Athanassiadis A, Hobbins JC: Infection and labor. V. Prevalence, microbiology and clinical significance of intra-amniotic infection in women with preterm labor and intact membranes. Am J Obstet Gynecol 161 (3): 817-24, 1989. PMID: 2675611
3. Romero R, Wu YK, Mazor M, Hobbins JC, Mitchell MD: Amniotic fluid concentration of 5-hydroxyeicosatetraenoic acid is increased in human parturition at term. Prostaglandins Leukot Essent Fatty Acids 35 (2): 81-3, 1989. PMID: 2717653
4. Romero R, Wu YK, Mazor M, Oyarzun E, Hobbins JC, Mitchell MD: Amniotic fluid arachidonate lipoxygenase metabolites in preterm labor. Prostaglandins Leukot Essent Fatty Acids 36 (2): 69-75, 1989. PMID: 2788288
5. Romero R, Wu YK, Oyarzun E, Hobbins JC, Mitchell MD: A potential role for epidermal growth factor/alpha-transforming growth factor in human parturition. Eur J Obstet Gynecol 33 (1): 55-60, 1989. PMID: 2806707
6. Romero R, Wu YK, Sirtori M, Oyarzun E, Mazor M, Hobbins JC, Mitchell MD: Amniotic fluid concentrations of prostaglandin F2-alpha, 13,14-dihydro-15-keto-prostaglandin F2-alpha (PGFM) and 11-deoxy-13, 14-dihydro-15-keto-11, 16-cyclo-prostaglandin E2 (PGEM-II) in preterm labor. Prostaglandins 37 (1): 149-61, 1989. PMID: 2717777
7. Romero R, Jimenez C, Lohda SK, Nores J, Hanaoka S, Avila C, Callahan R, Mazor M, Hobbins JC, Diamond MP: Amniotic fluid glucose concentration: a rapid and simple method for the detection of intra-amniotic infection in preterm labor. Am J Obstet Gynecol 163 (3): 968-74, 1990. PMID: 1698338
8. Romero R, Shamma F, Avila C, Jimenez C, Callahan R, Nores J, Mazor M, Brekus CR, Hobbins JC: Infection and labor. VI. Prevalence, microbiology, and clinical significance of intra-amniotic infection in twin gestations with preterm labor. Am J Obstet Gynecol 163 (3): 757-61, 1990. PMID: 2403156
9. Reece EA, Hagay Z, Gay LJ, DeGennaro N, Hobbins JC: A randomized clinical trial of a fiber-enriched diabetic diet versus the standard American Diabetes Association-recommended diet in the management of diabetes mellitus in pregnancy. J Matern Fet Inv 5: 8-12, 1995.
10. Valenzuela GJ, Sanchez-Ramos L, Romero R, Silver HM, Koltun WD, Millar L, Hobbins J, Rayburn W, Shangolf G, Wang J, Smith J, Creasy GW for the Atosiban PTL-098 Study Group: Maintenance treatment of preterm labor with the oxytocin antagonist atosiban. The Atosiban PTL-098 Study Group. Am J Obstet Gynecol 182; 1184-90, 2000. PMID: 10819856
11. Hobbins JC, Lezotte DC, Persutte WH, DeVore GR, Benacerraf BR, Nyberg DA, Vintzileos AM, Platt LD, Carlson DE, Bahado-Singh RO, Abuhamad AZ: An 8-center study to evaluate the utility of mid-term genetic sonograms among high-risk pregnancies. J Ultrasound Med 22 (1): 33-8, 2003. PMID: 12523608
12. Dugoff L, Hobbins JC, Malone FD, Porter TF, Luthy D, Comstock CH, Hankins G, Berkowitz RL, Merkatz I, Craigo SD, Timor-Tritsch IE, Carr SR, Wolfe HM, Vidaver J, D’Alton ME for the FaSTER Trial Research Consortium: First-trimester maternal serum PAPP-A and free-beta subunit human chorionic gonadotropin concentrations and nuchal translucency are associated with obstetric complications: A population-based screening study (The FaSTER Trial). Am J Obstet Gynecol 1991: 1446-51, 2005. PMID: 15507981
13. Dugoff L, Hobbins JC, Malone FD, Vidaver J, Sullivan J, Canick JA, Lambert-Messerlian GM, Porter TF, Luthy DA, Comstock CH, Saade G, Eddleman K, Merkatz IR, Craigo SD, Timor-Tritsch IE, Carr SR, Wolfe HM, D’Alton ME for the FaSTER Trial Research Consortium: Quad screen as a predictor of adverse pregnancy outcome. Obstet Gynecol 106 (2): 260-7, 2005. PMID: 16055573
14. Dugoff L, Lynch AM, Cioffi-Ragan D, Hobbins JC, Schultz LK, Malone FD, D’Alton ME for the FaSTER Trial Research Consortium: First trimester uterine artery Doppler abnormalities predict subsequent intrauterine growth restriction. Am J Obstet Gynecol 193 (3 Pt 2): 1208-12, 2005. PMID: 16157139
15. Dugoff L, Cuckle HS, Hobbins JC, Malone FD, Belfort MA, Nyberg DA, Comstock CH, Saade GR, Eddleman KA, Dar P, Craigo SD, Timor-Tritsch IE, Carr SR, Wolfe HM, D’Alton ME for the FaSTER Trial Research Consortium: Prediction of patient-specific risk for fetal loss using maternal characteristics and first- and second-trimester maternal serum Down syndrome markers. Am J Obstet Gynecol 199 (3): 290.31-6, 2008. PMID: 1877197
16. Barbera AF, Imani F, Becker T, Lezotte DC, Hobbins JC: The anatomic relationship between the pubic symphysis and ischial spines and its clinical significance in the assessment of fetal head engagement and station during labor. Ultrasound Obstet Gynecol 33 (3): 320-325, 2009. PMID: 192480004
17. Research Support. None