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Angionesis and the inception of pregnancy

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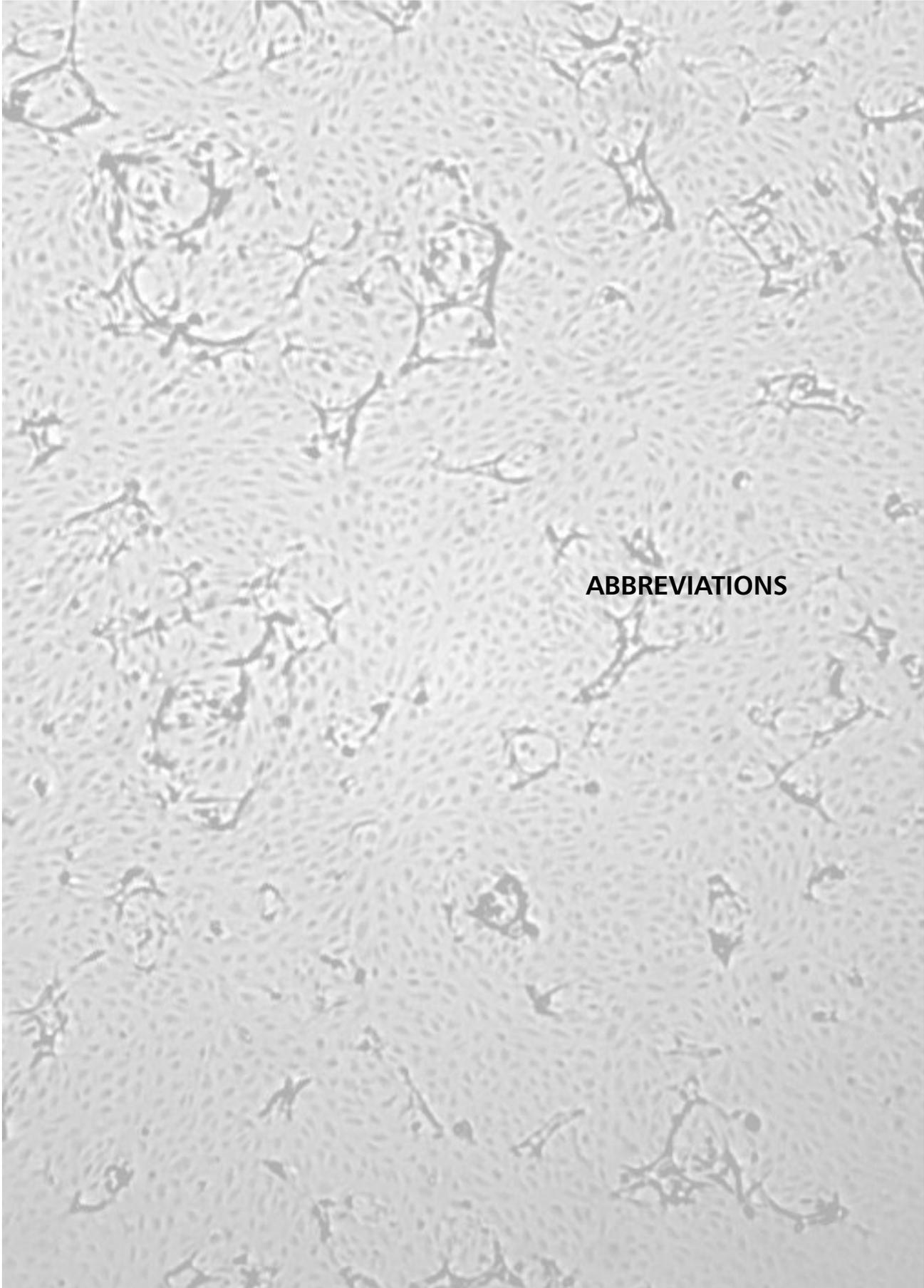
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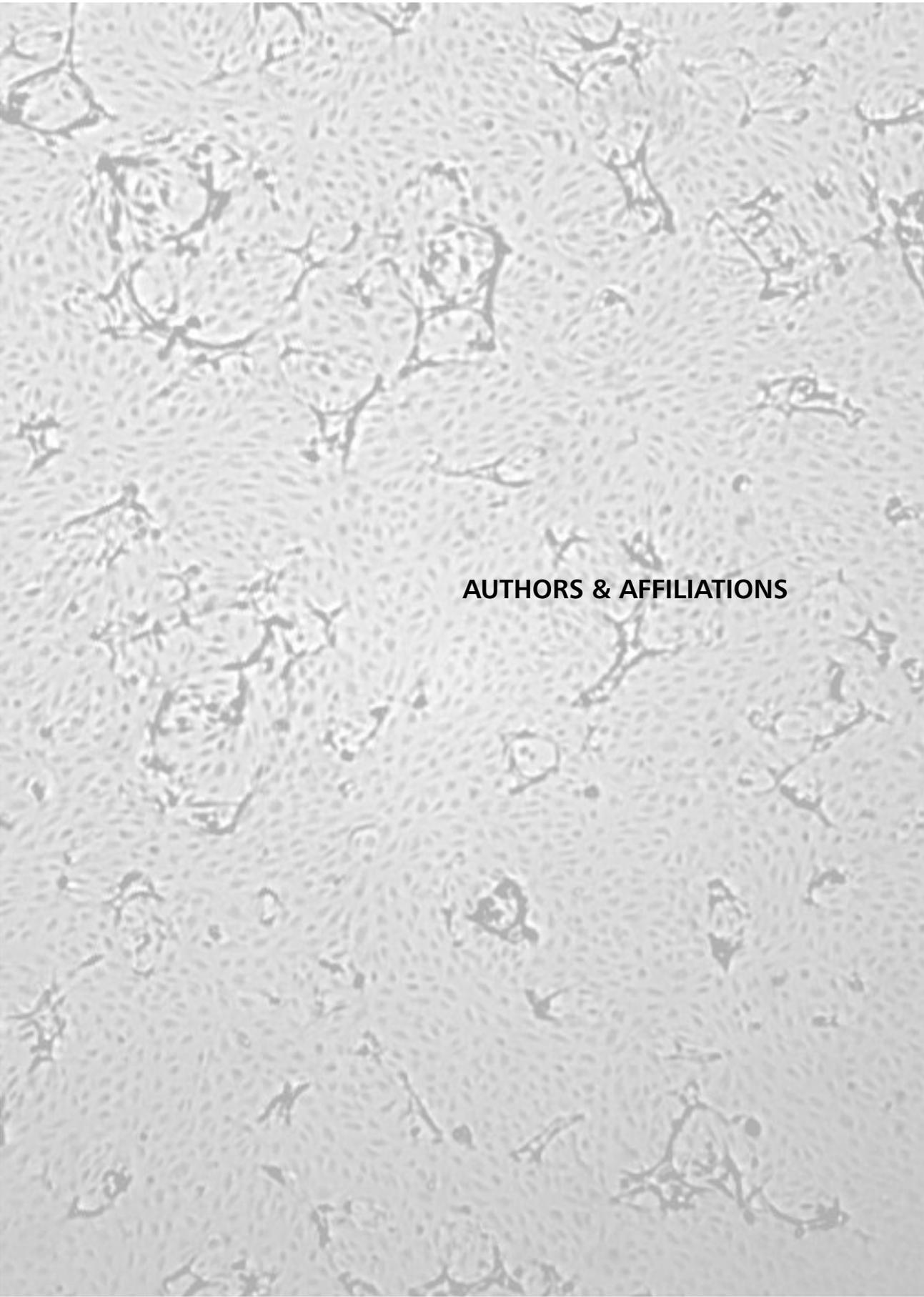
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ABBREVIATIONS

bFGF	basic fibroblast growth factor
BM	basal membrane
BMI	body mass index
CM	conditioned medium
COHS	controlled ovarian hyperstimulation
CSF-1	colony stimulating factor
DNA	deoxyribonucleic acid
E₂	17 β -estradiol
ECM	extracellular matrix
ECGF	endothelial cell growth factor
EGF	epidermal growth factor
ELISA	enzyme-linked immunosorbent assay
Epo	erythropoietin
ER	estrogen receptor
ERE	estrogen response elements
ET	embryo transfer
GAPDH	glyceraldehyde-3-phosphate dehydrogenase
hCG	human chorionic gonadotropin
hEMVEC	human endometrial microvascular endothelial cells
hESC	human endometrial stromal cells
hFMVEC	human foreskin microvascular endothelial cells
HRE	hormone response elements
HS	human serum
HSA	human serum albumin
hUVEC	human umbilical cord endothelial cells
IFN	interferon
IGF	insulin-like growth factor
IL	interleukin
IVF	<i>in vitro</i> fertilization
ICSI	intracytoplasmic sperm injection
IUGR	intra uterine growth retardation
LIF	leukemia inhibitory factor
MPA	methoxyprogesterone acetate
MMP	matrix metalloproteinase
MT-MMP	membrane-type MMP
NBCS	new born calf serum
OR	odds ratio
PAI	plasminogen activator inhibitor

PE	pre-eclampsia
Plg	plasminogen
Plg-R	plasminogen receptor
PLGF	placental growth factor
PDGF	platelet-derived growth factor
PR	progesterone receptor
PRE	progesterone response elements
RNA	ribonucleic acid
RT-PCR	reverse transcriptase polymerase chain reaction
sVEGFR	soluble vascular endothelial growth factor receptor
TGF	transforming growth factor
TIMP	tissue inhibitor of matrix metalloproteinase
TNF	tumor necrosis factor
u-PA	urokinase-type plasminogen activator
u-PAR	urokinase-type plasminogen receptor
sc-u-PA	single-chain urokinase-type plasminogen
tc-u-PA	two-chain urokinase-type plasminogen
t-PA	tissue-type plasminogen activator
TSP	thrombospondin
VEGF	vascular endothelial growth factor
VEGFR	vascular endothelial growth factor receptor

A grayscale microscopic image showing a dense field of cells. The cells are elongated and spindle-shaped, typical of fibroblasts or epithelial cells in culture. They are arranged in a somewhat organized pattern with some larger, more rounded cells interspersed. The background is a light gray, and the cells are darker, creating a high-contrast image. In the center of the image, the text "AUTHORS & AFFILIATIONS" is overlaid in a bold, black, sans-serif font.

AUTHORS & AFFILIATIONS

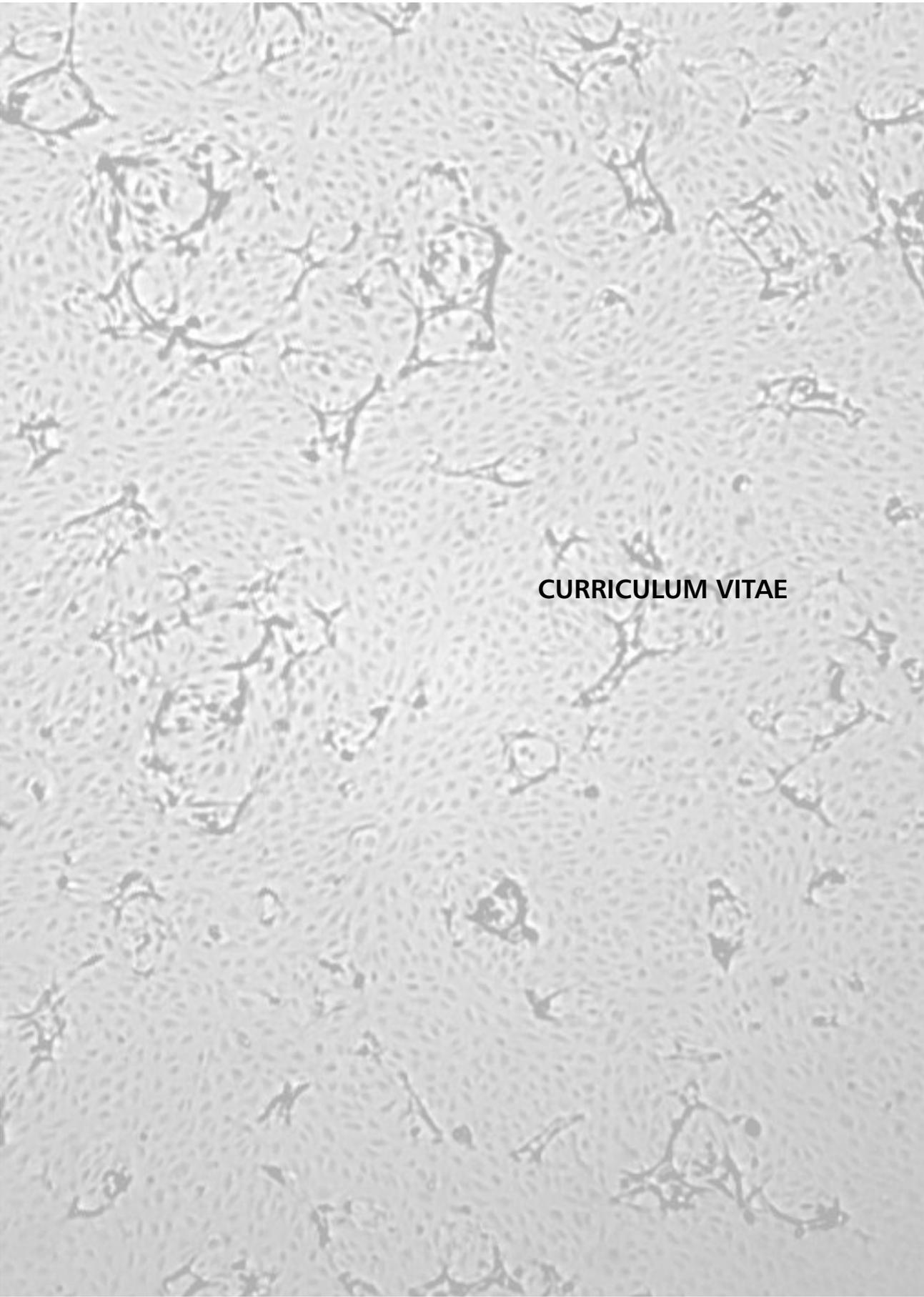
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A grayscale microscopic image of a cell culture, showing a dense field of cells with various shapes and sizes, some appearing to be in different stages of division or growth. The cells are interconnected, forming a complex network. The text "CURRICULUM VITAE" is centered in the middle of the image.

CURRICULUM VITAE

Kitty Kapiteijn werd geboren op 29 november 1971 te Sassenheim. Zij behaalde het VWO diploma aan het Rijnlands Lyceum Sassenheim in 1990, waarna zij in datzelfde jaar begon aan de studie Geneeskunde aan de Rijksuniversiteit Leiden. Vanaf 1993 deed zij onderzoek naar de laparoscopische chirurgie in de gynaecologie onder begeleiding van Dr. F.W. Jansen, LUMC. Haar afstudeerproject betrof een studie naar de verschillen tussen het adeno- en plaveiselcel cervixcarcinoom en een klinische stage op de afdeling gynaecologische oncologie van het Groote Schuur Ziekenhuis te Kaapstad, Zuid-Afrika (Prof. Dr. A.A.W. Peters en Dr. R. Soeters). Na het behalen van het doctoraal examen in 1995, begon zij met haar co-schappen. Als keuze co-schap zette zij het onderzoek voort naar de laparoscopische chirurgie in de gynaecologie. In 1997 behaalde zij haar artsexamen, waarna zij werkzaam was als AGNIO op de afdeling gynaecologie en obstetrie van het Leyenburg Ziekenhuis te Den Haag. Het jaar daarop was zij werkzaam als AGNIO op de afdeling gynaecologie en obstetrie van het Bronovo Ziekenhuis te Den Haag. In 1999 begon zij als AGIKO aan het in dit proefschrift beschreven onderzoek. Dit onderzoek was een samenwerkingsverband tussen TNO Quality of Life Leiden (Prof. Dr. V.W.M. van Hinsbergh, Dr. P. Koolwijk) en de afdeling gynaecologie van het LUMC (Prof. Dr. F.M. Helmerhorst). Vanaf 2002 is zij in opleiding tot gynaecoloog in het Groene Hart Ziekenhuis te Gouda (opleider: Dr. J.C.M. van Huisseling) en in het LUMC (opleiders: Prof. Dr. H.H.H. Kanhai en Prof. Dr. G.G. Kenter) te Leiden.



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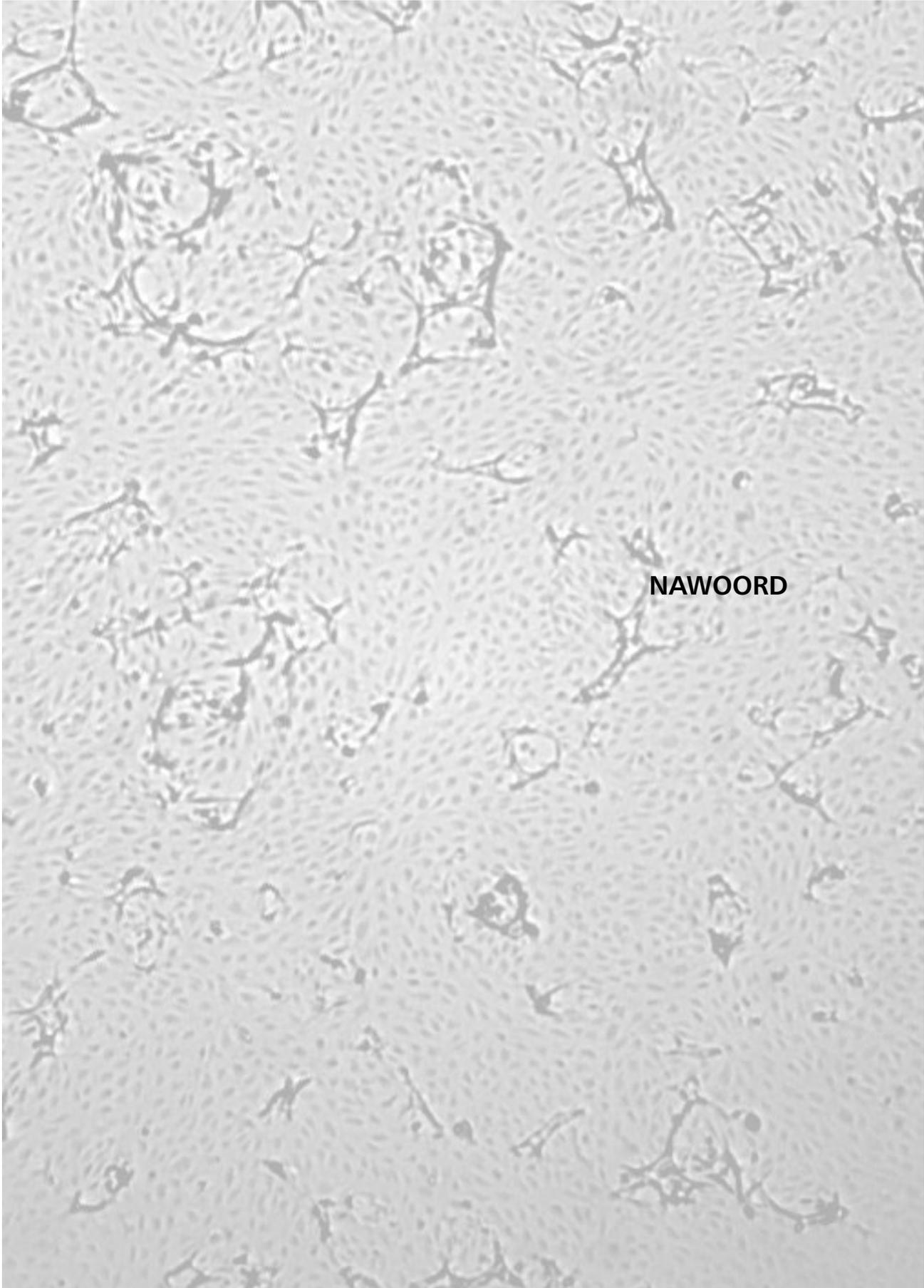
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ABSTRACTS (*oral presentations abroad*)

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