

○修了者の博士論文名、学術雑誌への掲載状況、進路状況

	論文題目	学術雑誌への掲載条項			修了者の進路状況
		タイトル	雑誌名	暦年 掲載号 頁	
①	荷電コロイド粒子の二次元拡散と会合体形成の研究	Two-dimensional Brownian Motions of Polyacrylamide-modified Colloidal Particles.	Chemistry Letters	41(10):1145-1147(2012)	自営
		Controlled Clustering in Binary Charged Colloids by Adsorption of Ionic Surfactant.	Langmuir	31:13303-13311(2015)	
②	脂肪細胞分化促進因子fad24が初期胚発生および筋再生において担う機能の解析	Targeted disruption of <i>fad24</i> , a regulator of adipogenesis, causes pre-implantation embryonic lethality due to the growth defect at the blastocyst stage.	Biochemical and Biophysical Research Communications	438(2):301-305(2013)	三重大学医学部附属病院 薬剤師
		Fad24, a positive regulator of adipogenesis, is required for S phase re-entry of C2C12 myoblasts arrested in G0 phase and involved in p27 ^{Kip1} expression at the protein level.	Biological and Pharmaceutical Bulletin	39(5):807-814(2016)	
③	歯周組織再生治療に有用な Simvastatin含有PLGA粒子の Simvastatin放出特性が骨再生誘導能に与える影響	The effect of simvastatin-loaded polymeric microspheres in a critical size bone defect in the rabbit calvaria.	International Journal of Pharmaceutics	461:157-162(2014)	武蔵野大学 (ポスドク)
		The effect of the release behavior of simvastatin from different PLGA particles on bone regeneration in vitro and in vivo: comparison of simvastatin-loaded PLGA microspheres and nanospheres.	Journal of Drug Delivery Science and Technology,	33, 136-142(2016).	
④	コロイド結晶からの不純物排除と固定化結晶の分光素子応用に関する研究	Striation Pattern of Impurity Particles in Charged Colloidal Crystals Formed by Stepwise Thermally Induced Crystallization.	Chemistry Letters	41:1163-1165(2012)	上野製薬株式会社 品質管理
		Celled Colloidal Crystals as Tunable Optical Filters for Spectrophotometers.	Jpn.J.Appl.Phys.	55: 087301-087306(2016)	
⑤	ヒトiPS細胞の腸管上皮細胞への分化誘導と薬物動態学的機能解析	Inhibition of mitogen-activated protein kinase, DNA methyltransferase, and transforming growth factor-β promotes differentiation of human induced pluripotent stem cells into enterocytes.	Drug Metabolism and Pharmacokinetics	31:193-200(2016)	鳥取大学医学部附属病院 薬剤部
		Characteristic analysis of intestinal transport in enterocyte-like cells differentiated from human induced pluripotent stem cells	Drug Metabolism and Disposition	44:1662-1667(2016)	
⑥	細胞間接着を介した膵島α細胞のグルカゴン分泌調節機構の解明	Effect of Cell Adhesion Molecule 1 Expression on Intracellular Gradient Movement in Pancreatic α Cells.	Cell Biochem. Biophys.	74, 391-398(2016)	愛知学院大学薬学部 教育職
		Visualization of glucagon secretion from pancreatic α cells by bioluminescence video microscopy: Identification of secretion sites in the intercellular contact regions.	Biochem Biophys Res Commun.	485, 725-730(2017)	
⑦	オーダーメイド医療を目指した新規製剤設計に関する研究-新規siRNA送達脂質ナノキャリアの開発と3Dプリンターを用いた錠剤の調製-	3D Printing Factors Important for the Fabrication of Polyvinylalcohol Filament-Based Tablets	Biological and Pharmaceutical Bulletin	40, 357-364(2017)	愛知医科大学 教育職
		The offset effect of a hyaluronic acid coating to cationic carriers containing siRNA: Alleviated cytotoxicity and retained gene silencing in vitro	Journal of Drug Delivery Science and Technology	Accepted on March 24, available online March 29, 2017	